



SONOS' FIRST HEADPHONES ON TEST!

T3

SMARTER LIVING

—SPECTACULAR— SUMMER SETUPS

Our essential selection of summer tech
for every outdoor occasion

16 BRILLIANT BLUETOOTH SPEAKERS

Maximise your streaming
sounds, wherever you are

REVIEWED POWERHOUSE PICTURE

LG's OLED G4 TV
dares to dazzle

PERFECT *pizza ovens*

Get a slice of heaven
with three of the best



FIRST LOOK

PORSCHE 911 HYBRID

Automotive icon
gets amped up



ISSUE 362

NEXT-GEN LAPTOPS

The super smart laptops
that will level up your life

GAME-TIME GADGETS

Upgrade the season of sport
with TVs, BBQs and more!





G-MASTER™
#MONITORS4GAMERS
by **iiyama**

RED EAGLE™



G-MASTER™
#MONITORS4GAMERS

45"
113 cm

DQHD
5120x1440

165Hz

0.8ms
MPRT

1500R
CURVED

USB-C

USB
HUB

iiyama

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T3

SHOWSTOPPER

Gadgets that showcase the very best that design and technology have to offer



UNISTELLAR ENVISION SMART BINOCULARS

Unistellar makes fiendishly clever telescopes that will do all the hard work of finding and tracking night-sky objects, like nebulae and galaxies, for you while you sit indoors with a cup of tea viewing the results on your phone. The Envision binoculars are a little different, in that they require you to be outside, but they contain a load of AR smarts, and you can use them in the daytime too.

At night, the binoculars use positioning data to guide you to points of interest in the sky, picking out planets and globular clusters for you to enjoy. Once the sun is up, it can also identify paths and landmarks, and you can lock them onto a target and pass the binoculars to your friend, who will be guided to the same object via the AR overlay. They're not cheap, but if you feel like taking a look a crowdfunder will soon be available.

\$999, unistellar.com

Meet the team



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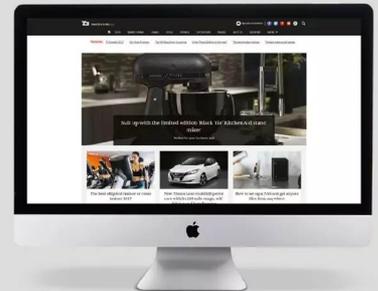
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Editor's letter

No, your eyes aren't deceiving you (long-time readers, that is), I'm back! The first time I set foot at T3 was way back in 2014. A lot can happen in 10 years: small people magically appear in your life; world-changing events make everyone re-evaluate their Wi-Fi needs; and in tech circles... well, everything changes, but somehow also still stays surprisingly familiar.

The cover of my first issue featured the all-new Apple Watch – a landmark event in tech. We showcased the latest 4K TVs... that you couldn't watch 4K on; set top boxes ruled a pre-streaming society; fledgling smart rings were about as helpful as my wedding ring; and I launched my first drone in a park, only to see it crash and burn into a tree seconds later. It was a lot of fun though.

Some of my personal tech highlights include the Amazon Echo (I still have one in my lounge), the Tesla Model S (zero range anxiety following a cheeky 'little' jaunt from Land's End to John o' Groats), and, in recent times, the Vision Pro. Admittedly, these gadgets aren't hugely exciting, but it's the potential they possess to change your life that makes them special. Over the next decade I can't wait to see what game-changing tech is around the corner, and I hope you will join me to see it.

Nick Odantzis, Editor

nick.odantzis@futurenet.com

T3'S MISSION

Our mission is to bring you the clearest recommendations we can – and that means a great deal of hard work happens before a product even reaches our pages!

Because we only feature products the T3 team would happily use ourselves, we end up discarding a significant number of options in each category before settling on a final shortlist to review. We select only the best of the best for our Tested section; the gear we know you'll want to seriously consider purchasing. And that should mean an end to you

having to undertake hours of painstaking research and product comparisons.

You won't see any duff products, but you will come away with clarity on which one is the best in its category or for a specific task: our awards badges (see below) ensure that everything T3 recommends is clearly highlighted on the page.

It goes without saying that every product in our review section has been thoroughly tested by our team of experts, enabling you to buy with total confidence.

OUR AWARDS



This is given to winners of our group tests, so you can see which is the best at a glance



Only the best products – those that score five stars – receive our Platinum Award

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FOR THE

GAMERS

AND THE

CREATORS

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Behold the next gen of home projectors



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BEST OF THE BEST



079 YOUR IN-DEPTH BUYER'S GUIDE

Our giant buyer's guide helps you find the world's best gadgets in over 50 categories, from top tellies to DSLRs to car tech to shavers – all tested by T3's team of tech experts!

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040





LEICA SL3

Discover the new camera
made in Germany.



Horizon

The best new tech heading your way

1 PHILIPS SCRENEO UL5 SMART

● Around £590, ul5.screeneo.com

We may be reaching the tipping point for home projectors, where the impractical and awkward room layouts dictated by traditional models are banished by the increasing power and practicality of short throw devices. Why go to the effort of screwing something to your ceiling when you could just place your projector on a flat surface half a metre from the wall? It doesn't make sense.

The Philips Screeneo UL5 Smart could just be the device which skews the scales in the direction of ultra short throw projectors, somewhat ironically given its svelte form. Heck, let's start with the looks: it's an undeniably handsome device, partially cloth covered and far smaller than Screeneo's previous widebody U5. That narrow form makes it super-portable, and it even manages to squeeze in stereo speakers.

The new narrowness is, we suspect, a result of some slight downgrades in this model - it's 1080p rather than 4K, and the lensing maxes out at a 120-inch picture rather than the 150 inches of the U5. But the price is right: starting at €699 (about £590) through its instantly-funded Indiegogo launch, the UL5 Smart is about a quarter the price of its predecessor and arguably - for most folks, at least - slightly more practical.

Essentially, it may not be the burliest, but we don't care: this is the projector that we want. It's the projector for the kitchen wall, the bedroom, the space where the TV used to be in the lounge. What else is that flexible?



CONNECT AWAY

Unlike certain portable projectors we could name, the UL5 Smart doesn't omit the HDMI port, giving you extra source options, perfect for hooking up your TV box to get top sports on the wall.



T3 SAYS...



“Portability meets ultra short-throw - perfect for summer sport”

Nick Odantzis, Editor

POWER OF THREE

The triple lasers of the UL5 Smart can reach a reasonable 550 lumens, meaning it'll be best in a dark room - though beaming it onto the right screen could make all the difference. Colour-wise, it's well equipped, compliant with HDR10 and covering 108% of the Rec.2020 colour gamut.

**SLICK SETUP**

You can basically plonk the UL5 Smart down and get watching immediately. It'll auto focus and keystone itself, and the integrated OS - something called LuminOS, which we presume is a skinned Android rather than the LuminOS found in Magic Leap spatial computing kit - helps get streaming apps going.

2 ASUS TUF GAMING A14
● From £1,499, asus.com

Oh, that's just fine, Asus. No problem. You go ahead and drop a new entry in the affordable TUF range, and make it about as close to a Macbook killer as Windows machines get. Slap a 'Gaming' badge on it, why not? The RTX 4060 inside does need highlighting, and the Ryzen 7 inside makes for a processing powerhouse, after all. Heck, you could really show off and make it practically light at under 1.5Kg while still offering it an aluminium lid, a bunch of proper ports and a 2.5K screen that runs at 165Hz with 3ms response. What about a massive trackpad? Okay, you thought about that, but how about an elegant design that makes this just as comfortable on an office desk as it is tearing up AAA games after hours? That too? Curses.

T3 SAYS: A genuinely exciting mid-range laptop - we don't get to say that often.



IMAGE SOURCE: ASUSTEK COMPUTER INC



3 PORSCHE 911 CARRERA GTS
● From £132,600, porsche.com

Porsche's battery-only Cayman, Taycan and Maycan have each knocked it out of the park, but VW's most accessible sporty marque hasn't abandoned the internal combustion engine just yet. At least not entirely; the new 911 Carrera GTS mixes together the classic Porsche 3.6-litre flat-6 engine, electric exhaust turbocharging, and a fully integrated electric motor directed towards traction, low-speed torque and dynamo functions. A peculiar hybrid, for sure, but one that offers many of the key benefits of EV operation without losing any of the emotive guts that come from the sound of a proper ICE. It's speedy too, with the GTS able to hit 60mph in under 3 seconds with the right tuning package, a top speed a hair under (gulp) 195mph, and a super-sporty chassis built to channel all of that power directly to the road.

T3 SAYS: Foot down, smile up.



IMAGE SOURCE: PORSCHE



orbi | WiFi 7

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When it comes to elite WiFi performance across your home, Orbi is in a class of its own. Unlock uncompromising speed, coverage, and reliability from the front door to the back garden..



NETGEAR

Upgrade to award-winning WiFi at [NETGEAR.com/uk](https://www.netgear.com/uk)

4 LEICA D-LUX 8
● £1,450, leica-camera.com

It's a Leica camera. We don't really need to say much more. But if we didn't mention that this is possibly the best compact camera that 2024 is going to see, you'd rightly accuse us of dereliction of duty. A speedy lens with plenty of flexibility, a 22MP four thirds CMOS sensor sure to capture remarkable shots, an unstoppable autofocus and compatibility with Adobe's Digital Negative lossless image format - these are all nice things. That Leica feel, though, is the real winner. Every control in its right place, a truly compact design that actually fits in the pocket, a rangefinder form factor that begs to be held and used. And if early pre-release reports are to be believed, the battery life is impeccable. Fujifilm must be quaking in its boots, because the compact crown is truly up for grabs.

T3 SAYS: Little and very lovely.



IMAGE SOURCE: LEICA CAMERA AG

5 MCLAREN EXTREME 600
● £11,520, mclarenbikes.com

Naturally, the announcement that McLaren would be launching a range of battery-assisted mountain bikes led us to assume that they'd actually be coming from Lavoie, the scooter-making subsidiary of McLaren's Applied division. Nope! These are from actual McLaren Automotive, and as befits a supercar marque they skirt as close to the legality line as trail rules will allow. The 600 in the name refers to the mid-mounted 600W motor in the US version, capable of a silly 161Nm of torque. Stuck in the UK as we are, though, our laws mean we actually get the Extreme 250 with, you guessed it, a 250W motor. Boo. Not that that's entirely bad, given the sharp design, digital instrument cluster and rear suspension of the Extreme model - or, indeed, the stiff frame of the hard tail Sport version.

T3 SAYS: The trail won't know what's hit it.



IMAGE SOURCE: MCLAREN



RECYKO CHARGE 10

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They say time is money.
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Rethink. Recharge. Recyko.

Based on internal test by GP of the fastest NiMH battery chargers by leading NiMH battery charger brands available in major global markets as of May 2021. Test conditions: Average time required during 5 simultaneous charges of 4pcs of new Charge 10 1700mAh AA batteries to 90% of capacity at 20°C followed by battery discharge according to IEC 61951-2.

6 ACER SPATIALLABS EYES
● \$549 (around £430), acer.com

The logical next step of Acer's hugely interesting SpatialLabs series of glasses-free 3D devices is here in the form of a camera which, like the screens and laptops already in the line, gives us slight Nintendo 3DS vibes. Why? Well, it's a dual-lens stereoscopic camera which helps you cook up content for 3D screens, just like that on the back of the 3DS. But unlike Nintendo's photography atrocity, this is equipped with top-spec sensors, it's good for streaming, video and still photography, and the output it produces is suitable not only for Acer's own screens, but other stereoscopic hardware like Apple Vision Pro, the Meta Quest, and even 3D projectors. A gimmick? Oh, sure, like the rest of the SpatialLabs range this is very much for a niche audience. But if you're in that audience it'll be a welcome gimmick indeed.

T3 SAYS: We can see in three dee.

TECH-O-METER



IMAGE SOURCE: ACER

7 DAYLIGHT DC-1
● \$729 (around £575), daylightcomputer.com

Another e-paper computer/tablet hybrid, something which is not entirely remarkable (wordplay intended) in 2024. But the Daylight DC-1 doesn't actually use E-Ink. It employs a new display tech that Daylight calls Live Paper. If the 10.5in monochrome panel here truly can pull off the claimed 60fps refresh rate, and if it really does so without any ghosting, this could be something special. For outdoor use, it's an obvious boon, and those work sessions where you need focus away from the glitz and glamour of the RGB spectrum, Android compatibility means it should keep you connected to the apps that make your work, er, work. The responsiveness of its pen tablet interface is what'll really sell it to us - if it can keep up with our scribbles, we'll be impressed.

T3 SAYS: Who needs colour anyway?

TECH-O-METER



IMAGE SOURCE: DAYLIGHT



8 COROS DURA
● £TBC, coros.com

Coros, by day, makes very good fitness watches. By night, and we say this because the company is being very coy about the actual looks and specs of the Dura, it apparently makes cycling computers. That feels like a big deviation, but we suppose the two things are not so far removed – if a device can measure speed, GPS position, elevation and the like, it'll likely do just fine whether it's on the wrist or mounted on one's handlebars. Peering at Coros' preview video, we can see a decent-sized screen, an unusual shape, and what looks like a

digital crown, something common in Coros watches. Presumably this means the UI will be very similar to the wristwear, which is no bad thing, so if the Dura ends up being some kind of seamless bike companion to the rest of the line and, crucially, the Coros app, it'll be a winner.

T3 SAYS: One to watch.



IMAGE SOURCE: COROS

9 EVERCADE ALPHA
● £250, evercade.co.uk



What might be most impressive about Evercade's offerings thus far is not the emulated games – we're pretty sure a washing machine could have a stab at running classic NES titles these days – but the effort the company has put in to replicate the tactile sensations of retro gaming with cartridges and controllers that really meet the brief. With the bartop Alpha, Evercade aims to bring you an experience redolent of cigarette-burned arcade machines, begging for another 10p from your mum and maybe a cone of chips once you're done. It's going to work,

too, thanks to authentic arcade joysticks and buttons, swappable marquees and even a coin acceptor-styled power switch. We're fondest of the 6-game *Street Fighter* version, but the *Mega Man* edition is just as good – and both can be expanded with two Evercade carts at once.

T3 SAYS: Shoryuken!



IMAGE SOURCE: EVERCADE

10 JLAB HEAR OTC
● \$99 (around £78), jlab.com

The democratisation of hearing aid tech is no bad thing. It's a trend we're seeing more and more in the market as highly affordable ANC chipsets are being put to work supercharging their transparency modes and offering help to those with hearing loss. JLab's new over-the-counter buds are the perfect example, because while they don't follow the traditional hearing aid form factor, they're far, far cheaper than a clinical alternative. Besides, transparency modes are ubiquitous, and people are used to speaking to ear bud wearers now.

These are easily configured through an app to get the right audio settings for your ears and the situation at hand, each ear's volume can be independently controlled and, perhaps most importantly, they also work as a funnel for media and phone calls via Bluetooth 5.3.

T3 SAYS: Here's to hearing help for all.



IMAGE SOURCE: JLAB

SHADE DON'T FADE

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£28, fatface.com



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£45, next.co.uk



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£270, paulsmith.com



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£250, paulsmith.com



◀ **RAY-BAN AVIATOR SHADES**

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£174, next.co.uk

IMAGE SOURCE: FATFACE, NEXT, PAUL SMITH



When it comes to a new PC, I'm in no rush

Remembering what's happened in the past, Jon Bentley is happy to play the waiting game for a computer upgrade

Every now and then, a revolutionary new product comes out and you know it's just right. You instinctively realise that it's stolen a march on the competition, that it's going to give you years of delight, and you have no qualms about investing in it.

I had that feeling with Apple's first generation iPad Pro and its Apple Pencil. I used mine for what seemed like all the time for years. In the camera world I had had the same instant attraction to Canon's EOS 5D Mark 2 and its revolutionary HD video capabilities, or Sony's A7 with its grasp of the mirrorless format. I'm not getting the same feelings about AI PCs. Buy one and I think you might regret it.

For starters, exactly what constitutes an AI PC seems in doubt. The principle is reasonably straightforward. It should not only have a CPU and a GPU but also an NPU, or Neural Processing Unit, a type of processor formulated especially to perform the parallel computing demands associated with AI.

But if you'd bought a new AI PC early this year it's arguably already obsolete. Intel's Meteor Lake 'Core Ultra', with its NPU, appeared in what were often referred to as 'AI laptops' from the likes of Acer and

Lenovo. Yet in May, Microsoft pronounced them 'too slow' for the AI features incorporated in its new Copilot+ standard. This demands an on-board NPU that's capable of 40 TOPS or Trillions of Operations per Second. Intel's NPU could manage only 10 TOPS.

Copilot+ PCs, led by those with Qualcomm ARM chips, are starting to appear on the market (p42) but will even this new standard be good

If you'd purchased a new AI PC early this year it's arguably already obsolete

enough? Frankly it's hard to tell because so far there's very little software written to exploit these NPUs. Microsoft makes great play of its Recall feature which records absolutely everything you do on your PC and retains it for three months so you can search through your trail. But many think it's a security nightmare, and most customers will probably instantly switch it off, so it's not looking like a must-have AI feature.

My own PCs – both laptop and desktop – are getting on a bit and, in an ideal world, I'd like 'future proof' replacements that are AI capable. But 'future-proofing' is perilous. You buy something that should be fit for the future but the future doesn't turn out quite as expected. I generally prefer to buy on the basis of what things can do now rather than what they might be able to do in the future.

When the GeForce RTX 20-series graphics cards appeared in 2018, for example, they offered the prospect of real-time ray tracing in games. But Windows couldn't take advantage of it and the games didn't exist yet. The savvy buyer waited for the games to be written, and the next generation, cheaper, RTX 30-series cards which ran them better.

With AI PCs I don't think it pays to be an early adopter. I would wait to see if promising AI software arrives and then buy the PC best at handling it. You might find you need an even higher spec NPU and that they're out at a lower price.

Personally I'm going to squeeze a bit more life out of my existing computers. A more capable and better value AI PC, running intriguing applications, could be just round the corner and I'm happy to wait until it materialises.

HOTTEST SUMMER RUNNING GEAR



CIELE ELITE COLLECTION

B-Corp Ciele's Elite Collection features ultra-lightweight singlets made from recycled fabric, providing some sun protection, and caps to do the same - all while looking fly.

Prices from £60, eu.cieleathletics.com

IMAGE SOURCE: CIELE ATHLETICS



TNF SUMMER LIGHTRANGE SUN HOODIE

This magical running top has an Ultraviolet Protection Factor (UPF) of 40+ and is made from the fast-wicking FlashDry material. It even has integrated thumbholes at the cuffs! Roll on, summer; we're more than ready.

£60, thenorthface.co.uk

IMAGE SOURCE: THE NORTH FACE

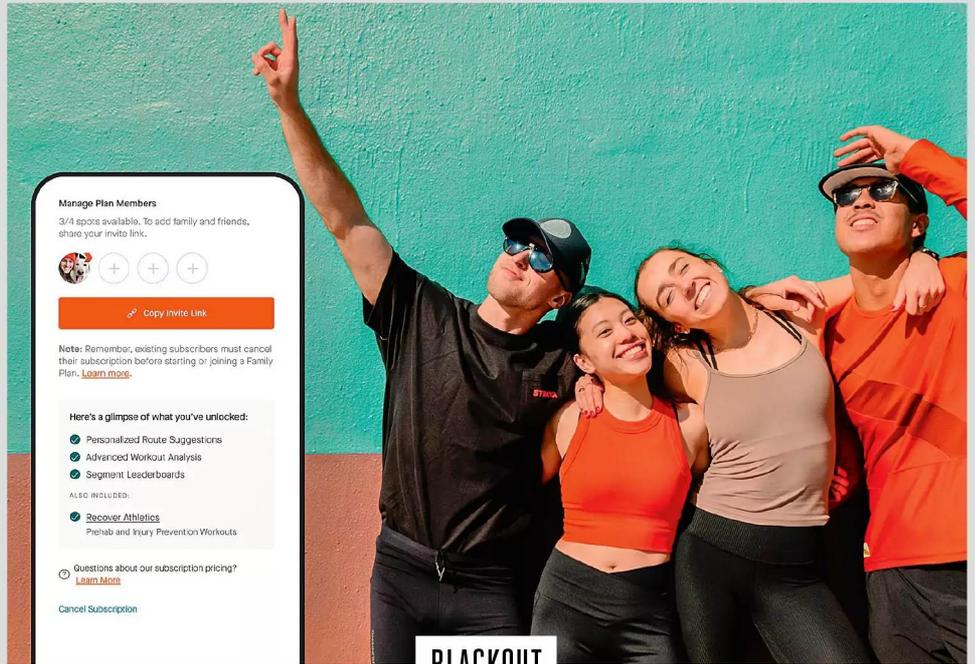


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£299.95, bose.co.uk

IMAGE SOURCE: BOSE



BLACKOUT

JOIN THE DARK SIDE

Strava finally adds Dark Mode and a ton of other features

Strava is the most popular app among cyclists and runners to keep track of their efforts and check in on their teammates'/ friends' progress. Thanks to the latest updates, athletes will be able to do more than just hand out kudos to others.

One of the main updates is the long-awaited Dark Mode, which will debut this summer, reducing eye strain and making your workout tracking even cooler.

The company is also doubling its machine learning efforts by adding nifty

AI-powered features like Athlete Intelligence for personalised workout insights and Leaderboard Integrity to keep things fair by flagging dubious activities.

Safety gets a boost with Night Heatmaps, showing which routes are popular after dark. Quick Edit will make it a breeze to tweak your activity details.

Weekly Heatmaps and updated Flyovers will keep your social media game strong, while Generative Routes will suggest paths based on your preferences.

IMAGE SOURCE: STRAVA

AI GAINS

LIFT SMARTER, NOT HARDER

Kabata's AI dumbbells analyse form in real-time

It was only a matter of time until AI entered the resistance training market. Fitness startup Kabata's AI-powered dumbbells (\$799, kabatafitness.com) adapt to user progress, providing real-time rep counting, form analysis and AI-powered coaching. Unlike other smart fitness tools, Kabata offers form correction to reduce injury risk and uses Velocity-Based Training (VBT) to track rep quality. There's even haptic feedback to enhance the workout experience for those working out on their own.



IMAGE SOURCE: KABATA



IMAGE SOURCE: KIA

BULK DOWN**BIGGER ISN'T ALWAYS BETTER**

Mat Gallagher looks forward to a more compact SUV

Earlier this month I got to drive the Kia EV9. This is the company's flagship electric SUV and has received rave reviews. It was a contender for our *T3* awards but it got pipped at the post by some very strong competition.

I really enjoyed driving the EV9 but I don't think it's for everyone. Partly for one of the reasons I loved it: it's absolutely huge. This 7-seater SUV dwarves most cars on the road, with the exception of a Land Rover Defender 130 and a couple of other big 7-seaters. It makes it feel like you're driving a truck – though to be fair, a very tech-heavy truck.

The SUV has been the mainstay of electric vehicles so far. Not just because they have become the most popular car style globally, but because that bigger and taller form factor makes them much easier to fit with the batteries an EV requires. However, most people don't need an SUV, let alone one as big as the EV9.

So when Kia announced a smaller version of the EV9, called the EV3, I was excited. This has all the same stylings as the larger EV, and yet is slightly smaller than the Kia Niro. Having driven the Niro EV across the US, I found it to be a great little car – though still an SUV. The EV3 has tons more tech on board, including video streaming and in-car gaming. Plus it offers a range of up to 372 miles.

My only disappointment is that the EV3 doesn't offer the same super-fast charging as the EV6 and EV9, presumably to keep the car to a budget. Instead of the 350kW speeds, it provides up to 128kW – though that's still more than most UK fast chargers are really capable of.

The problem with big heavy SUVs is that they need more power to make them run and a lot of that weight comes from the battery. So, a heavier car requires more battery, making it even heavier. With smaller cars, the issue is often space for the batteries – especially lower, non-SUV models. As batteries become more efficient, this will become easier.

Compact SUVs like the EV3 are a good trade-off between that size and weight, and has resulted in some impressive ranges. However, there are plenty of new compact electric cars coming that could offer equally efficient battery-to-weight ratios to give them bigger ranges too. I'd love to see the Audi A3, Mercedes A-Class and BMW 1-series go fully electric, with bags of tech and 400-mile ranges. Though if we're wishing for things, it's two-seater convertibles like the Mazda MX-5 electric that I really want to see.

In the meantime though, compact SUVs like the Kia EV3 are a step forward for electric vehicles and I certainly can't wait to drive it.

AUTOMOBILE NEWS**CALLUM SKYE**

The Callum Skye is an electric all-terrain vehicle from the former Jaguar and Aston Martin Design boss. With a small 42kWh battery, it has a range of just 170 miles but is significantly lighter for it – as will be your wallet, as it costs between £80 and £110k depending on spec.

IMAGE SOURCE: CALLUM

**BENTLEY BLOWER JUNIOR**

Forget the Alfa Romeo, this Junior is a scaled-down version of Bentley's pre-war 4.5-litre race car made fully electric and road-legal. It will seat two (in a one-plus-one formation) and do up to 45mph with a range of about 65 miles. It will cost you £90k though.

IMAGE SOURCE: BENTLEY

**ALPINE A290**

Based on the Renault 5 electric, this pumped-up hatchback is 60 mm wider, thanks to bulging wheel arches housing 19-inch alloys. The flagship GT Performance and GTs models have 215 bhp and 221 lb ft of torque, sprinting to 60mph in 6.4 seconds.

IMAGE SOURCE: TOMEK MAKLOSKI

HOME COMFORTS



WEBER SLATE GRIDDLE

With barbecue season upon us, Weber has launched a new table-top griddle barbecue. Designed for people with limited outdoor space but who still love to cook outside, the Weber is a great buy.

£369, weber.com

IMAGE SOURCE: WEBER



KITCHENAID GO CORDLESS

KitchenAid has expanded its Go Cordless collection with blenders, choppers, grinders, mixers and a kitchen vacuum. The secret to using them all is the Go Cordless rechargeable battery which gives quick and versatile power.

£179.99, kitchenaid.co.uk

IMAGE SOURCE: KITCHENAID

MEACOCOOL MC PRO SERIES 10,000 PORTABLE AIR CONDITIONER

The latest portable air conditioner collection from Meaco is quieter than before, energy efficient and can be controlled with an app.

There are 10 different models, including the mid-range 10,000 option shown here. £399.99, meaco.com



IMAGE SOURCE: MEACO



WASH OUT

IMAGE SOURCE: DYSON

DYSON LAUNCHES ITS FIRST WET FLOOR CLEANER

The Dyson WashG1 could give other vacuums a run for their money

Since its inception in 1991, Dyson has become a household name for vacuum cleaners, air purifiers, hair stylers and much more. Its most recent launch is the Dyson WashG1 (£599.99, dyson.co.uk), the brand's first ever wet floor cleaner that's all about mopping.

Dyson has an extensive collection of cordless, corded, upright and robot vacuum cleaners, but the Dyson WashG1 marks the first time that Dyson has created a mop-only device. While it came out with the Dyson Submarine last year, the wet-to-dry cleaner works by swapping out a vacuum head for a mop head to offer two cleaning services in one.

But for some time now, Dyson's customer base has been asking for a mop, and now, the Dyson WashG1 is here and one of the most hygienic ways to clean your floor. Unlike a traditional mop and bucket, it uses Dyson's new separation technology to divide dirty and clean water.

Within the body of the Dyson WashG1 are two transparent compartments. One holds and filters clean water through to the head and its rollers, while the other collects the dirty water. The head itself is made up of two microfibre filament rollers that are highly absorbent and rotate to remove stains and spills. With 26 hydration

points along the roller and a pulse-modulated pump, the head of the WashG1 distributes a consistent amount of water at a time. It even has a debris tray to pick-up dirt while mopping.

While this new technology all sounds very clever and exciting, the best part of the Dyson WashG1 is its self-cleaning process. Once you've finished mopping with the Dyson WashG1 you can return it back to its dock to self-clean. While there are still some manual actions you need to take, like removing the dirty compartment and pouring it out, the WashG1 thoroughly cleans its rollers and its water tanks while making whirring and gurgling noises... it might sound gross but it's surprisingly satisfying to watch!

Long gone are the days of dirty mop and buckets, and disposable wet cloths. With the Dyson WashG1, you can hygienically clean your hardwood and non-carpeted floors without breaking a sweat. From cleaning up dried coffee stains to wet ketchup splotches, the Dyson WashG1 takes hardly any time cleaning your floors, and its lightweight design makes it easier to hold and push around.

If you have hardwood floors, the Dyson WashG1 could become your new favourite cleaning tool in no time.

CUTE KITSCHENS

The kitsch trend makes a return, bringing with it a dash of colour and lots of fun living in style



1

1 SPENCER WALLPAPER

The vibrant, playful nature of kitsch is perfectly suited to the kitchen. More than any other room in your home, this is where an eclectic mix of styles can happily come together. Create a kitsch backdrop and set the tone with retro maximalist floral wallpaper.

£69 per roll, bobbibeck.com

2 PINEAPPLE ICE BUCKET

Kitsch generally refers to the interiors fashion of the Fifties and Sixties and retro pieces are key to success. Go big on the whimsy! Don't take kitsch too seriously and seek out playful designs, such as this fun pineapple ice bucket.

£40, talkingtables.co.uk

3 PRINTER JOHNSON OVEN GLOVES

Despite being a light-hearted trend, kitsch isn't afraid to break the rules. Embrace rebellion with clashing fabrics, colours and patterns. These chirpy oven gloves will keep a smile on your face as you serve supper.

£22, elitetins.com

4 KITCHENAID MIXER

Ah, the quintessential kitsch kitchen accessory. An icon of American design for over 100 years and adored by chef and hostess, Martha Stewart. In the Nineties, KitchenAid developed its range of retro inspired colours, such as Dried Rose, Pistachio and this Blue Velvet. Perfect for kitsch, great for cakes.

£579, kitchenaid.co.uk

2



3



4



GADGET GURU

T3's clicking marvellous tech titan gives you the big picture



Q TIM, VIA EMAIL

I've picked up an old SLR. What can I do with it?

A Firstly, you should pat yourself on the back: pre-digital cameras (at least, the good ones) are retaining far more value than GaGu ever thought they would, so you've probably bagged yourself a bargain there. Second, ask yourself just how into photography you are.

The reason for this question is that you could just use that camera as it was intended. The film revival is in full swing: Analogue Wonderland will sell you 24 exposures of new stock 35mm film for under a fiver, so there's no reason not to experiment with a few rolls and see what you get.

Take it one step further and set up your own little darkroom in the shed - the same company will sell you a whole developing kit, with chemicals, for £90.

If, like many of Guru's readers, you're from a time when digital cameras were commonplace, you may be unwilling to give up the pixel. That's fine too, because the

You'll need the right adapter, and perhaps the willingness to go without modern conveniences like autofocus

ABOVE
Maybe this is what the iPhone 4S will look like

lens on that camera might just be the most interesting thing about it. It's not hard to convince vintage glass to work with modern camera bodies. You'll just need the right adapter, and perhaps the willingness to go without modern conveniences like autofocus.

Guru's final option would be to make that old camera digital. The I'm Back 35 (a Swiss import, around £475) is a digital backplane for 35mm cameras. It's bulky, a bit mad, and the interesting quality of its snaps mean it's probably not for the professional. But for photo fun, which Guru supposes is really the point of all this, it's hard to beat.

SEND YOUR QUESTIONS TO: INBOX@T3.COM OR [FACEBOOK.COM/T3MAG](https://www.facebook.com/T3MAG)

Q ZHANNAH MEADEN, BRIGHTON

Is Alexa going to have a paywall?

A As GaGu writes, we are at the beginning of this developing story. What Guru knows is that the whole Echo and Alexa ecosystem has not been profitable for Amazon, because it turns out that people don't want to use the ever-listening robot in the corner as a way to clumsily spend money, and Amazon's tactic of hammering out the hardware as cheap as possible hasn't exactly helped the bottom line.

Superyachts don't pay for themselves, so Alexa needs to become a revenue stream somehow. Amazon has already announced its intention to add extra smarts to the system, likely by exploiting the power of the company's Titan large language models. Guru would bet that this is what's going to cost you – just imagine if Alexa could have GPT-4o level conversational skills rather than deciding to blare heavy metal instead of turning off the light like you asked.

What would you pay for that? Would you pay about £15 per month? Because Guru, wearing his sage's robe and waving his prognostication stick as he tends to do on weekend evenings in the park, has divined that that's probably what Amazon would want to charge even for Prime subscribers. Like so many in the tech industry, Amazon seems fully willing to bet on AI gimmicks being popular enough with the general public that they'll pay through the nose for them. GaGu would throw his arms in the air and run screaming (as he also does at the park) from that wager, but he's been wrong before.

What'll happen, eventually, is what's already begun to happen: AI will get more efficient, processors will lean heavier on an AI-first design, data centres won't be so swamped, and this stuff will be free. The fee, if it happens, will be to get in on the ground floor.



ABOVE
Cannonball always was rubbish at hide and seek

Q TINA HOBDAY, ORMSKIRK

Can I get an ebike I don't have to pedal?

A Right, this is a bit of contentious one. You can get them. They are sold.

You'll have surely spotted them being ridden by oiks wearing face masks and drawstringed hoodies. You know the ones. But part of the reason for their oh-so-innocent-looking disguises is almost certainly the fact that, like e-scooters, you're not allowed to ride a throttle ebike on the road (or anywhere public, for that matter) – the law says that ebikes have to be pedal assisted.

Guru can see why this makes sense; it's based on inherited regulations which basically (and stupidly) classify anything that goes beyond child's toy speed as a motorbike. There is apparently legislation somewhere in the system which will make them legal, but given that Guru is still waiting for scooter regs to be corrected, he would recommend that you do not hold your breath. Besides, in many modern bikes the pedal assist allows you to get moving with only the lightest turn of the chain.

GADGET GURU'S MAGIC BOX

As mentioned elsewhere, GaGu has been racking up the miles recently, meaning he has been left at the mercy of Android Auto for hours every day. Full credit to Google for the recent renovation of the UI, which is super-neat. No credit, though, to Spotify, which has noticed that Guru listens to a podcast sometimes and now refuses to put any music at his fingertips. Don't do that.

Core to this arrangement is a good cable, given that (as Guru is at great pains to point out regularly) cars are notably touchy beasts featuring some of the most hostile software ever created. One misplaced data packet is enough to see you dumped back to the horror of the default UI, and that won't do. Anker's Powerline+ cable (about £8) is adequate, and the colourful braiding means you can find it easily.

The hours staring out of the windscreen (and our nearest star's inconsiderate



position during GaGu's enforced driving hours) were beginning to upset your author's poor peepers, so he has liberated some excellent sunglasses from T3 Towers under the cover of darkness. Nomad

Eyewear's Original sunglasses (in blue and pink 'Blueberry Muffin' flavour) are £47 if you don't borrow them from the

editor's desk, and are made of recycled ocean plastic for some sustainability cred to go along with the cool factor.

And then, given that Guru's advanced height and jelly-like spine makes him incompatible with most vehicles, there must be some post-commute therapy. What better than a Theragun Elite (£349, though often cheaper) for hammering one's squished-up neck muscles back into shape? It's like being in a little localised hailstorm, and as a bonus you can use it to encourage the bubbles to rise out of cement forms. Don't ask. Guru's practical, okay?

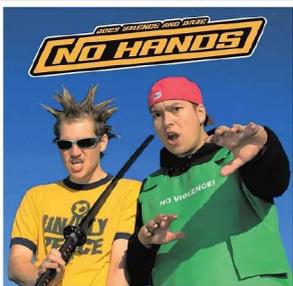
NEW MEDIA

NOW PLAYING

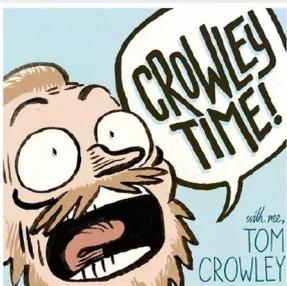
Guru finds the finest media you need on your various devices



THE GARFIELD MOVIE
This wasn't GaGu's choice. It was barely Guru Jr's choice. But junior's key peccadillo is an insatiable drive to sit in the cinema, and this had to do. Opinions were mixed.



NO HANDS
Hip hop duo of Joey Valence & Brae tackle that difficult second hard-edged rap album - if they maintain the Beasties vibe and slightly dorky street cool, they're on to another winner.



CROWLEY TIME
Or, to give its full title, *Crowley Time with me, Tom Crowley* - it's a podcast made by a man. There are sketches and some swearing and it's funny. That's more than enough for Guru.

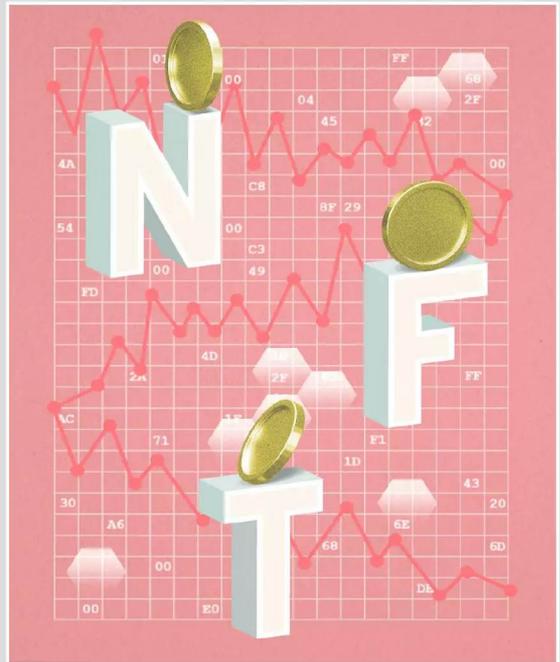
Q ALEX, LONDON
Do you use dark mode, Guru?

A Surely, you'd think, it feels wrong to judge people based on the way they like to configure their operating systems. But apparently no? People who like to use light mode (like Mrs Guru) are weird and wrong and Guru simply cannot understand what their problem is.
Feel free to write in and explain why Guru is wrong. Here's why he's right: dark mode is far more comfortable on the eyes than the retina-piercing whites of light mode, it makes the most of the abilities of AMOLED screens, and it makes one feel like Neo from *The Matrix* rather than Dave from accounting. The facts are plain - the real question is why light mode is even a thing any more.

Q GAVIN HERALD, STOKE-ON-TRENT
What do I do about my car's DPF?

A The many miles which Guru drives necessitated a second-hand dirty oil car from a major online retailer which almost immediately went out of business. He has (inevitably) had no end of trouble with its diesel particulate filter ever since.
The theory goes that you can hammer down the motorway for 30 minutes in a too-low gear, maintaining about 3,000 rpm, because the DPF will apparently start burning off crud when it reaches 250 degrees. The practice, however, appears to be getting it professionally cleaned by some lad with a blowtorch and a fat wallet - better than a replacement.

You exchanged real somethings for digital nothings, and further exchanged those nothings, somehow, for less



ABOVE
The value of your investments may go up or down...

Q PETE, VIA EMAIL
What do I do with these NFTs?

A Oh, reader. It's okay, it's okay. Don't cry. Can GaGu get you a glass of water? A tissue? No? At least stop blowing your nose on that t-shirt. Guru can imagine it would feel quite bad to be had, but you were, and you'll have to move on.
You exchanged real somethings for digital nothings, and further exchanged those nothings, somehow, for less. You own (such as blockchain ownership is) collections of pixels which nobody really wanted then and definitely don't want now. GaGu refers you to issues 331 and 336 of T3, when he specifically told you NFTs were stupid but you refused to listen. Do listen in future.

Don't miss another instalment of the legendary Gadget Guru!

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Where's my smart ring, Apple?

Matt Kollat is disappointed that Apple WWDC didn't feature smart rings – but he remains hopeful for the future

This year's Apple WWDC came and went, and if you, like me, were waiting to catch the first glimpse of the Cupertino-based tech giant's smart ring, you left bitterly disappointed. Not only were there no references to anything resembling a smart ring, but even the smartwatch updates were somewhat lacklustre.

Of course, WWDC primarily focuses on software updates, so it's understandable that the Apple Smart Ring hasn't been revealed just yet. The big hardware reveals typically take place in September, and that's when we can hopefully expect to see the Apple Smart Ring for the first time.

While it's true that WWDC primarily focuses on software updates, it's worth noting that Apple has announced new hardware at this event before. Given the popularity of smart rings, it would've been exciting to receive confirmation about Apple's (hopefully) upcoming model.

Samsung is very close to launching the Galaxy Ring, which we saw in the flesh at CES this January. Given the rivalry between the two brands, it would be almost impossible for Apple not to respond to the South Korean brand entering a new product category.

And it's not just Samsung, either; companies like Oura, Ultrahuman, Amazfit and RingConn already have an established place in the recently formed smart ring market. The later Apple joins, the harder it might be for them to satisfy their users with 'only' smartwatch software enhancements.

Truthfully, I'm not devastated by the watchOS 11 updates overall. For example, the Vitals app tracks five

The later Apple joins the market, the harder it might be for them to satisfy their users

metrics, giving you a more holistic overview of your health. One of these is blood oxygen saturation, which might seem interesting, considering Apple was in hot water with another company over patent infringement regarding its SpO2 sensor. I'm sure the case will be settled soon, if not already.

The introduction of training load estimations is a clear effort by Apple to cater to more dedicated athletes. Users will now be able to

rate the effort level of their workout, a feature we've seen in other wearables, particularly Garmin watches. The Apple Watch will also automatically rate the workout based on factors like temperature, HRV and elevation, providing a more comprehensive fitness tracking experience.

The update isn't just about fitness enthusiasts. In fact, Apple is making it easier to be lazy by allowing you to 'pause' your rings, meaning you can keep your streaks going without actually putting the work in. In theory, this allows you to take it easy and not just chase rings all the time, but I bet many people will use it as default.

Other minor updates include the AI-powered Photos watch face and the customisable Summary tab in the Fitness app. Overall, there is less emphasis on AI than I thought and no smart ring, which is a shame.

I guess we have to wait until September to witness the birth of the Apple Smart Ring. Given the market saturation, I don't think Apple can postpone the launch any longer. How will the wearable look, and what features will it have (will it play nicely with the Vision Pro?), we'll just have to wait and see. Until then, we'll have to console ourselves with the new Apple Watch updates. Oh well.

GO ON. BE SAVVY.



GO.
COMPARE

Step this way for satisfying savings.
Go.Compare.

SUMMER'S HOTTEST GADGETS

Turn the heating off and slather on some sunscreen: summer's here and the living is easy with these seasonal sensations

Words: Carrie Marshall Photography: Neil Godwin



GET INTO NATURE



1 PLATYPUS QUICKDRAW MICROFILTER

If you're looking for fast and faff-free water filtration for your backpack this Platypus system is highly regarded thanks to its large 1L reservoir, multi-vessel compatibility, 3L per minute filtering performance and its wide opening for easy filling. It's easy to use, easy to clean and lightweight, weighing just 95g.

£51, valleyandpeak.co.uk

2 ANKER NANO POWER BANK

Anker makes a wide range of power banks and chargers, and while this 10K model isn't the most powerful it's small, lightweight and portable. You get support for 30W fast charging that'll get an iPhone 14 from zero to 50% in half an hour. Don't pay full price though: Anker regularly offers deep discounts on these.

£49, anker.com

3 WESN MICROBLADE

You can't take this on a plane but for terrestrial travellers it's a fantastic tool, a folding knife with a titanium blade and a lifetime guarantee. It's so small you can stick it on a keyring, but the 1.5-inch blade is a decent size and the handle is not so small that it's a fiddly threat to your fingers. There are five different, bold colours to choose from.

£89, wesn.com

4 NIKON MONARCH M7

Nikon's optical expertise extends to its Monarch binoculars, which are excellent options for wildlife watchers thanks to their wide field of view and extra-low dispersion fog-free glass, which reduces colour fringing. And while they're precise, they're also tough: the rubberised exterior is oil repellent, shock-proof and waterproof for up to 10 minutes in 1m of water.

£339, nikon.co.uk

5**NIKON COOLPIX P950**

With an optical zoom of 83x and a dynamic zoom range of 166x the Coolpix 950 is a superb camera for taking photos of fast-moving wildlife and of faraway landmarks alike. It's a bridge camera, which means it combines the power of a DSLR with the ease of use of a compact, and it's a wonderfully versatile travel companion.

£849, [nikon.co.uk](https://www.nikon.co.uk)

6**GARMIN INREACH MINI 2**

Travelling far from the madding crowd often means being far away from mobile phone connectivity. The inReach 2 keeps you connected via the Iridium satellite network, and its tiny size belies its power: it gives you global satellite coverage, emergency SOS and useful way-back routing that enables you to retrace your steps if you need to.

£259, [garmin.com](https://www.garmin.com)

5**6**

GET ACTIVE



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1

FITBIT CHARGE 6

Fitbit's premium tracker has Google Maps, Google Wallet and controls for YouTube Music, but it's the fitness features that are the big draw here. There are blood oxygen, ECG and skin temperature sensors, links to a range of gym equipment, and a huge library of workouts via your phone including HIIT, cycling and strength training.

£139, [fitbit.com](https://www.fitbit.com)

2

APPLE WATCH ULTRA 2

Apple's biggest and best smartwatch was made with the great outdoors in mind, and it has the brightest Apple Watch display and exceptionally long battery life of up to 36 hours. It delivers all of the fitness and health features of the other Apple Watches but adds its own hiker-friendly features including advanced mapping and a highly accurate compass.

£799, [apple.com](https://www.apple.com)

3

JABRA ELITE 8 ACTIVE

Jabra claims that the Elite 8 Active are the world's toughest earbuds, and they're definitely fitness-friendly thanks to their dust and water resistance, their tenacious fit that keeps them in place no matter how intense your activity, and their 8-hour battery life (32 via the charging case). Hybrid ANC and spatial audio are also part of the package.

£179, [jabra.com](https://www.jabra.com)

4

POLAR H10

If you're serious about tracking your high intensity training, the optical heart monitoring in the average smartwatch or tracker isn't going to be good enough. Polar's ECG sensor straps to your body and connects via Bluetooth to a huge range of fitness devices, gym equipment and apps, and its Polar Flow app has settings for over 150 different sports.

£86, [polar.com](https://www.polar.com)

5

ASICS NOVABLAST 4

These highly rated running shoes, available for both sexes, have proved so popular that Asics keeps selling out. The fourth-generation Novablast increased the cushioning, improved the stability and delivered even better grip than the previous version of the best-sellers. They're supremely comfortable, excellent all-round running shoes that deliver a fun ride for a wide range of foot sizes.

£135, asics.com



5

6

ARC'TERYX CORMAC CREW SS SHIRT

These highly breathable crew neck shirts have garnered rave reviews from a variety of sources thanks to their superb moisture wicking, comfort and odour resistance. The seams have been designed to reduce friction, as have the low profile collar layers. This is the men's version; the Taema crew neck for women uses the same 'Phasic LT' fabric in a more form-fitting cut.

£45.50, outlet.arcteryx.com



6



KEEP COOL



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1

SONY REON POCKET 5

Sony's personal aircon is finally available in the UK. It's a wearable that cools or warms you directly as it sits below the back of your neck and streams hot or cool air.

The battery is good for up to 4 hours at maximum cooling or 7.5 hours at lower settings, and it can sense your movement and adjust airflow accordingly.

£139, sony.co.uk

2

THE CLASSIC ICE BATH

This 1m x 1m ice bath is handmade in the UK and it's available solo or with a pump, filter and temperature control system. The wooden enclosure is spruce and the inside is food grade polypropylene that's easy to clean and very durable. If you're feeling flush you can buy this as part of an ice bath and sauna combo.

From £1,350, theicebath.co

3

SUPER SOAKER SOAKZOOKA

The Super Soaker range includes all kinds of ludicrous aquatic artillery, and the Soakzooka is one of the most fun options: its 1.6L tank enables it to send massive blasts of water without too-frequent refilling, and while it may be too heavy for very young kids it's a lot of fun for everyone else.

£18, amazon.co.uk

4

IGLOO ECOCOOL TRAILMATE

Trailmate range is designed for rougher terrain than tarmac and pavement, so they're great for taking on any manner of outdoor adventures, and they include mighty useful features including bottle openers and storage space, and they can keep ice frozen for up to four days.

From £319, igloocoolers.co.uk

5

CUISINART ICE CREAM AND GELATO PROFESSIONAL

Unlimited ice cream is the kind of thing we dreamed about as kids, and now you can have it in your kitchen. There are two dedicated paddles, one for ice cream and one for gelato and sorbet, and you can make soft serve in about 40 minutes for immediate consumption or make it colder to transfer to the freezer. The ice cream paddle incorporates more air during mixing, giving ice cream a lighter texture.

£300, [cuisinart.co.uk](https://www.cuisinart.co.uk)

6

DYSON HOT+COOL JET FOCUS

Like their vacuums, Dyson fans are premium products with premium performance and premium prices – and as with the vacuums, once you've got one you'll wonder how you managed without it. This fan cools in the summer and also heats in the winter, and whether you're heating or cooling it delivers powerful, easily controllable airflow without any buffering or excessive noise.

£399, [dyson.co.uk](https://www.dyson.co.uk)

5



6



HIT THE BEACH

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1

JBL CHARGE 5

The Charge 5 may look like a hooligan but while it's a loud and punchy Bluetooth speaker it's also refined when it comes to sound quality. This particular JBL is an excellent beach companion thanks to its 20-hour battery and IP67 rating for water and dust resistance. It also works as a power bank for charging other devices over USB.

£129, uk.jbl.com

2

SWELLPRO SPLASHDRONE 4

Ordinary drones aren't designed to get too close to water, but the SplashDrone 4 floats as well as it flies. With a 30-minute flight time, 5km image transmission range and a 2kg payload capacity it's practical and powerful, and it's available in multiple configurations including one with a thermal camera. It's for serious drone users.

From £2,195, swellpro-uk.co.uk

3

RAY-BAN ERIKA

Available in a range of styles and sizes for both sexes and with prescription options available too, these Ray-Bans are stylish sunglasses with 100% UV protection and large lenses to provide extra coverage. The soft bridge is designed to stay comfortable even on the hottest, most humid days and there are multiple coloured lens options.

£139, ray-ban.com

4

KINDLE OASIS

This is the Kindle you don't need to stick in a zip-loc bag: the Oasis is waterproof and can survive immersion in both freshwater (2m for 60 minutes) and seawater (0.25m for three minutes). It's also a really nice e-reader with crisp text and a warm white backlight for a more pleasant reading experience when the sun goes down.

£229, amazon.co.uk

5

GOPRO HERO12

The latest generation is "the best camera we've ever made", GoPro says. It shoots HDR video at up to 5.3K, has a 177 degree field of view via the optional Max Lens mod, and there's Bluetooth audio for wireless audio and control. Stills are 27 megapixels and the built-in stabilisation delivers exceptional results for sports and other camera-shaking activities.

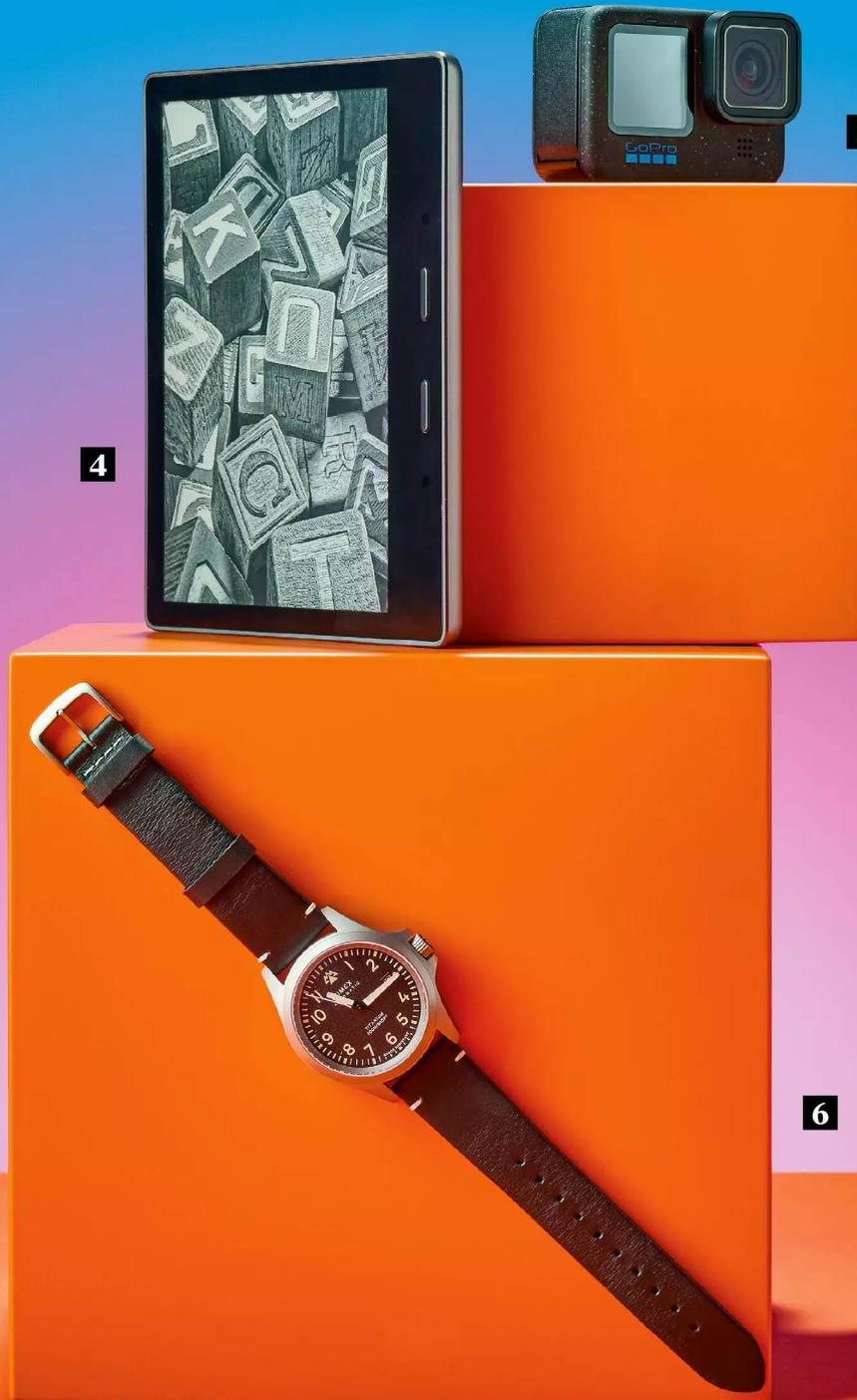
£399, gopro.com

6

TIMEX EXPEDITION

If you need a stylish waterproof watch and don't want to spend a fortune, Timex's excellent Expeditions are available in a range of styles and straps ranging from £30ish plastic ones to more premium titanium at around £300. That one has 200m water resistance, making it ideal for dunking if you don't require a diving watch.

Various prices, timex.co.uk



ATTEND FESTIVALS



1

THERMOS ULTIMATE SERIES

Thermos flasks are big right now, often literally. But this 900ml version of the Ultimate Flask is compact and quite lightweight at just 0.4kg empty, making it a great festival option. It'll keep your liquids hot or cold for up to 24 hours and it's been made tough with silicone rings around it to protect it from accidental drops.

£35, thermos.co.uk

2

HAPPY EARS

Designed specifically for concerts and available in eco-friendly recycled plastics, Happy Ears earplugs reduce volume by 25dB without significantly changing the sound – and that sound reduction means they're also pretty great for blocking the noise of your fellow festival campers. Bright colour options may be best as they're easier to spot if dropped.

£24, happyearplugs.com

3

HYDRO FLASK DAY ESCAPE

With 18L capacity this compact cooler is deceptively spacious, and it delivers up to 36 hours of chill. It's made from lightweight and waterproof polyester, has a waterproof, dust-proof and self-healing zip and the liner is food-grade and BPA-free. Accessory loops, a cross-body strap and grab handles offer superb practicality.

£139, ellis-brigham.com

4

ZIPPO HAND WARMER

Zippo's legendary cigarette lighters have morphed into hand warmers, with a range that includes lighter fuel-powered models as well as this rechargeable electrical option. It's not as cute-looking as the flame-based ones but it's more practical, delivering up to six hours of heat and also doubling as a USB device charger to top up your phone.

£17, zippo.co.uk

5**ANKER 325 POWERCORE 20K**

This is an excellent option if you want extra battery without extra bulk. Anker's 20,000mAh power bank has both micro-USB and USB-A outputs and it's designed specifically for devices such as earbuds, Bluetooth speakers and other festival essentials. You can charge two things at once and it'll fully charge a smartphone such as a Galaxy S20 around four times.

£37, [anker.com](https://www.anker.com)

6**NOKIA 3210**

Legends aren't just for festival stages. You can have your own portable legend in the shape of the relaunched Nokia 3210, one of the toughest and most-loved phones from around the time of the millennium.

This relaunch keeps the exceptionally long battery life but adds 4G and Bluetooth, and you can play Snake when a band plays songs from the new album nobody cares about.

£75, [hmd.com](https://www.hmd.com)

**5****6**

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NEXT GEN LAPTOPS

Need an AI wingman? CoPilot Plus laptops have hardware and software made to make your life a bit easier, with artificial intelligence

Words: Andrew Williams

Microsoft calls CoPilot Plus a new category of laptop. These are PCs made for AI. Yes, that term gets dragged out at every possible opportunity these days, but there is a specific claim involved here.

First-wave CoPilot Plus laptops use either the Snapdragon X Elite or X Plus CPUs. These have an unusually powerful NPU, a neural processing unit. Forty-five tera-operations per second is the headline figure. Big numbers.

Eyes glazing over? We get you. But Microsoft says this is the power level at which a laptop can perform minor AI miracles locally, without relying on the cloud — or an internet connection.

Headline AI features include the ability to conjure live translated captions for any audio, in more than 40 languages, offline. Or you can let AI not-so-subtly augment and improve your own artworks, meddling stroke-by-stroke in a feature called CoCreator.

Recall is the real eyebrow-raiser. This looks back over everything 'you have seen or done on your PC', to let it act like a true digital PA who can nudge your memory about that document you had open the Tuesday before last.

Privacy and security alarm bells going off? Your head is screwed on right, but Microsoft says all this info is stored locally on your laptop, eradicating most risk.

Serious acceleration of the AI features recently bunged into apps like Adobe Photoshop, Premiere Pro and DaVinci Resolve is coming too.

But you know what? We're just as stoked about some of the basics. CoPilot Plus laptops are rated for up to 26 hours of use. And while these claims are usually as reliable as your average train timetable, that's a hefty number.

We expect big gaming potential too, with reports you'll be able to play titles like *Baldur's Gate 3* and *Control* thanks to a major jump in GPU power over the Intel Ultra laptop rivals.

Enough with the chat, let's have a look at the contenders.



ACER SWIFT 14 AI

Acer maxes-out on what might be the leading CoPilot Plus appeal for those not obsessed with AI: battery life. The Swift 14 AI has a 75Wh battery, with almost 60% higher capacity than Microsoft's Surface Laptop 6. If you want to test if these PCs can really last up to 26 hours as claimed, this is the one to get.

The Acer Swift 14 AI is also among the most affordable of the initial wave of CoPilot Plus laptops, coming in just a little over the thousand pound mark, without any obvious major drawbacks. You're offered a full aluminium shell with an edge-to-edge glass display cover layer. There's also an unusual symbol

on the touchpad that lights up when AI CoPilot features are used.

Reasons against? At 1.36kg the Swift AI isn't quite the lightest in this class, and like other top Acers it has an OceanGlass touchpad. Translation: plastic. The screen also uses an IPS panel, meaning it won't have the contrast and supreme black levels of the OLED rivals. But it does have a mid-size 14.5-inch screen with high colour coverage and a sharp-enough res.

The Swift 14 AI is likely to stand out as a video calls master too, as it has a 1440p webcam rather than the usual Full HD kind.

SPECS

14.5in 16:10 120Hz 2560 x 1600 resolution IPS display • Qualcomm Snapdragon X Elite / X Plus processor
Up to 32GB RAM • Up to 1TB SSD • 1440p QHD IR camera • 75Wh battery • 1.36kg • 322 x 226 x 16mm
From £1,199, acer.com



LENOVO THINKPAD 14S GEN 6

CoPilot Plus laptops may be the latest tech in town, but that doesn't mean they can't come with a more classic vibe. The ThinkPad 14s combines Snapdragon Elite AI-boosting hardware with the design accoutrements of perhaps the more venerated work and business series of them all: ThinkPad.

That means a seriously satisfying keyboard, a touchpad with separated-out mouse buttons and a 'nipple' mouse Lenovo calls the TrackPoint, embedded among the keys. It's built to withstand 12 of the tests in the MIL-STD 810H military toughness standard, and still only weighs 1.24kg.

These ThinkPads are a joy to work on, and come with additional security features for business use, as well as Windows 11 Pro in place of Windows 11 Home. However, you always have to tone down your bargain hunter instincts to get on with one of these Lenovo ThinkPads.

You'll pay £1,800 for the privilege. And while that includes 32GB RAM and a 1TB SSD — double the basics for this class — it also uses a conventional 1200p IPS 60Hz LCD screen. No OLED. No high refresh rate. No super-high-res crispness. The Thinkpad 14S has a flavour quite unlike any of the other CoPilot Plus crowd, though.

SPECS

14in 16:10 60Hz 1920 x 1200 resolution IPS display • Qualcomm Snapdragon X Elite processor • 32GB RAM
1TB SSD • 1080p Full HD IR camera • 58Wh battery • 1.24kg • 313.6 x 219.4 x 16.9 mm
£1,800, lenovo.com



MICROSOFT SURFACE PRO 11TH EDITION

This is a super-familiar laptop, based on a design that has been iterated upon since 2012. But right now it's a one-off. The Surface Pro is the only true hybrid CoPilot Plus option.

The 11th Edition Surface Pro has a 13-inch screen with its own kickstand, just like the other Surface tablets. It weighs 895g, and in at least one sense is top of the list for sheer versatility.

With no permanently attached keyboard and support for the great Microsoft Slim Pen, the Surface Pro will make a cracking drawing tablet. Particularly for those who need to augment their, erm, humble art skills with AI. And

unlike a straight-up laptop, there's a 10MP camera on the back and an unusually good 1440p webcam.

The Surface Pro prices range from £1,049 to £2,149, before adding the cost of the keyboard and stylus. For the very best experience you'll want to sit at least in the middle of this cost range, to get the more powerful Snapdragon X Elite processor and OLED display.

The cheapest Surface Pros use more conventional LCD screens. Sure, they're just as sharp and have high 120Hz refresh rates. But once you've sampled OLED, it can be hard to go back.

SPECS

13in 3:2 120Hz 2880 x 1920 resolution IPS or OLED display • Qualcomm Snapdragon X Elite / X Plus processor
Up to 32GB RAM • Up to 1TB SSD • 1440p 5MP IR camera • 58Wh battery • 0.895kg • 287 x 209 x 9.3mm
From **£1,049 (LCD), £1,549 (OLED)**, microsoft.com



SAMSUNG GALAXY BOOK 4 EDGE

Samsung's first CoPilot Plus laptops are a full double-barrel blast. There are two sizes, 14in and 16in, making the Galaxy Book 4 Edge the place to come for big-screen AI acceleration.

The smaller version is also one of the slimmest and lightest Windows 11 laptops around. It weighs 1.16kg, and is just 10.9mm thick. Sure, a few more conventional laptops are even thinner, like the LG Gram 14. But this combination of low weight and slimness is truly unusual. Nice work, Samsung.

In classic Samsung style, both versions use Samsung's own killer Dynamic AMOLED 2X touchscreen display

tech, for unbeatable contrast. And the visual design is very similar to that of the company's previous top-tier laptops. Lots of metal, simple lines and a confident minimalism that looks great and has a strong whiff of the Apple MacBook.

Both sizes also use Corning Gorilla Glass DX, a tough and anti-reflective screen cover that will let these laptops hold up better outside, with a claimed 75% reduction in the visibility of reflections. The touchpad is glass too, completing the picture of a laptop with no obvious compromise to its build. That's a great attribute for a PC that can go anywhere and everywhere with you.

SPECS

14/16in 16:10 120Hz 2880 x 1800 resolution OLED display • Qualcomm Snapdragon X Elite processor • 16GB RAM
 Up to 1TB SSD • 1080p Full HD IR camera • 55.9Wh (14in), 61.8Wh (16in) battery • 1.16kg (14in), 1.55kg (16in)
 312.3 x 223.8 x 10.9 mm (14in), 355.4 x 250.4 x 12.3mm (16in)
£1,399 (14), £1,499 (16) to £1,699, samsung.com

THE BIG SUMMER OF SPORT

Our guide to every sporting event you should be watching this summer,
and the tech to elevate your viewing experience

Words: Matt Tate



BEST ACCOMPANIMENTS TO THE SPORT

1



4



2



3



1

PLAY-STYLE ORIGIN MEDIUM OUTDOOR TABLE

With so much sport on TV you might feel inspired to participate yourself. Cornilleau's outdoor Origin outdoor ping pong table is perfect for a quick game while you're waiting for the pros to get going, while its dimensions (1.2m by 2.2m) also make it the perfect size for a dinner table, which is exactly what it converts into when you remove the net. **£1,825, uk.cornilleau.com**

2

WEBER MASTER TOUCH PREMIUM E-577

Your summer BBQ is bound to coincide with at least one of the big sporting events, so we recommend this fuss-free and hardy 3-in-1 grill from Weber. Once suitably loaded and lit it'll do its thing with only occasional intervention needed, leaving you free to watch the football inside. Play your coal right and your meat will emerge perfectly grilled and smoked every time. **£369, weber.com**

3

iPAD AIR 2024

iPads are equally great for half-watching sport while you work, or attentively doing so on the sofa. Previously you'd have needed the far more expensive Pro model in order to enjoy the 100m finals on the largest, most immersive display, but that's no longer the case, with Apple introducing a 13-inch Air in 2024 for the first time. An upgraded M2 chip makes it a mean multitasker to boot. **From £799 (13-inch), apple.com**

4

SMEG FAB5RDUJ5 UNION JACK

If you can't be in Paris to cheer on Team GB this summer you'll have to settle for the sofa, preferably with a well-stocked mini fridge nearby. Smeg's FAB5 is small enough to be easily moved and quiet enough that it won't bother you while you're watching the long jump. And best of all, the striking limited edition Union Jack design greets you each time you grab a beer. **£1,129, shop.smeguk.com**



UEFA EURO 2024

By the time this magazine is in your hands, Gareth Southgate's star-studded England team will either be dreaming of the final in Berlin, or in hiding after a decidedly embarrassing early exit. Usual suspects France and Germany pose the biggest threat to the Three Lions, particularly with the latter having home advantage. ITV and BBC share the broadcast coverage for this one.



SUMMER OLYMPIC GAMES

Paris is the destination for the latest edition of the Summer Olympics, kicking off at the end of July. 'Breaking' is one of the sports making its Olympic debut, which will hope to build on the success of fellow newbies skateboarding, surfing and sport climbing, which were introduced at the Tokyo Games back in 2020. The BBC and Eurosport handle coverage in the UK.

SPORTING EVENTS YOU CAN'T MISS



TOUR DE FRANCE 2024

The 111th Tour de France is a significant one, with the most prestigious of the Grand Tours finishing outside Paris (blame the Olympics) for the first time. The race, which will have commenced in Florence by the time you read this, will instead crown its winner in Nice three weeks later, with Slovenian Tadej Pogačar the current favourite with the bookies. Discovery+ will broadcast individual stages in full.



WIMBLEDON

This year's Wimbledon could be a melancholic affair, with icons of the sport Rafael Nadal and Andy Murray both seemingly in the twilight of their remarkable careers, and neither guaranteed to appear on the Centre Court grass. 2023's champion Carlos Alcaraz is the hottest ticket in SW19, with the young Spaniard's burgeoning rivalry with Novak Djokovic likely to be a big theme again in the men's singles.

BEST ACCOMPANIMENTS TO THE SPORT



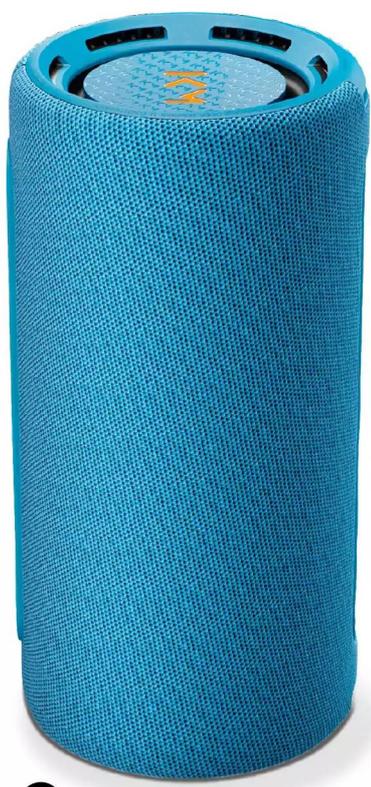
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6



7



8

5

Q ACOUSTICS 5010 5.1 SPEAKER SYSTEM

Whether it's Harry Kane leathering a penalty into the top corner, Alcaraz serving for the match or skateboarding sensation Sky Brown carving concrete, you'll appreciate all of this summer's sport that bit more with proper surround sound. Q Acoustics' 5.1 speaker setup consists of the brand's 5010 bookshelf speakers, a 5090 centre-channel and a Q B12 subwoofer for deep, meaty bass. **£1,975, qacoustics.com**

6

BOSE QUIETCOMFORT ULTRA EARBUDS

As much as you might be enjoying the drama of the Tour de France's latter stages, you might not be able to say the same for the person sitting next to you at work or on the train. Bose's excellent QuietComfort Ultra Earbuds ensure your viewing experience is a private one, with the class-leading ANC blocking out any external rabble. This model supports spatial audio too. **£249.95, bose.com**

7

SAMSUNG S90C 65IN

Sport has been slower to embrace the 4K HDR revolution than tech-savvy spectators would like (forget about UHD broadcasts of Euro 2024), but luckily the Samsung's S90C's excellent upscaling tech will ensure that whatever you're watching looks the part. This stunningly bright TV is as contrast-rich as you'd expect from a premium OLED, and its four 4K/120Hz-ready HDMI ports future-proof it until the next Olympics and beyond. **£1,299, samsung.com**

8

LOEWE X KM WE HEAR PRO

You'll be hearing Kylian Mbappe's name a lot this summer, so why not go all in on the French superstar with the chunky Bluetooth speaker he's partnered with Loewe on. The We Hear Pro offers 100 watts of power, 24 hours of battery life and IPX6 water and dust resistance, and you can wirelessly sync audio from up to 14 of the brand's speakers simultaneously for tournament-worthy sound. **£255, loewe.tv**



TECHNOLOGY IN SPORT

Technology's impact on sport can often be controversial. Is there a more unpopular acronym in the world right now than VAR? An official proposal from Wolverhampton Wanderers to bin it altogether that was voted on in June would suggest not. But there's no denying that the ways in which different sports embrace technological progress are vital to their growth as a spectacle, and ensuring that fans aren't sent home in a huff due to an unjust outcome.

Let's take Euro 2024. Football is the biggest sport on the planet by a considerable margin and it's constantly evolving as pioneering new technology becomes available. At this summer's much-anticipated tournament in Germany, every game will be officiated by both an on-field referee and the aforementioned video assistant referee (VAR) team, which will be based at a purpose-built hub in Leipzig, where they will closely monitor the action and check for clear and obvious errors relating to goals, incidents in the penalty area, red cards and cases of mistaken identity. Only when clear and obvious errors

are made will the VAR be instructed to intervene and notify the referee in the stadium that a decision is being reviewed.

Much of the frustration around VAR, particularly in the Premier League, relates to how long it often takes for decisions to be made, which can quickly kill both the pace of the game and the atmosphere in the stands. But this will hopefully be less of an issue this summer thanks to connected ball technology being adopted at Euro 2024.

The Adidas Fussballliebe, which is the official match ball for the tournament, has inside it a 500Hz rechargeable motion sensor that precisely tracks ball data which is sent to video officials in real time. By combining ball AI with player position data graphics captured by 10 specialised cameras inside the stadium, the referees are able to rely on what's known as semi-automated offside technology (SAOT) to quickly and accurately determine offside situations, and hopefully bring an end to the painfully tedious manual line-drawing that football fans have become used to watching on TV. The connected ball tech is also able to track both the movement of individual limbs and contact with the

ball, which should make contentious handball incidents easier to resolve, and ideally prevent another 'hand of God' scenario – iconic as that one went on to be.

More established is goal-line technology (GLT), which will be present in all stadiums used in Euro 2024. Seven cameras per goal are deployed, each tracking the exact position of the ball within the goal area, with the data they capture used to generate a 3D animation that fans in the stadium and watching on TV are able to see. If the entire ball crosses the line, indicating that a goal has been scored, referees are notified on their watches within one second, so they can either award or disallow it without delay.

GLT is similar in principle to tennis' adoption of Hawk-Eye, which will be used at Wimbledon again this year. Again, this system combines high-speed cameras and computer algorithms to accurately track the trajectory of the ball, removing human error from the important in-game judgements. Controversial line calls like the one in that memorable early 2000s Fruit Shoot advert (YouTube it) are now less of an issue in the elite game thanks to Hawk-Eye.



BRAWNY vs BRAINY BLUETOOTH SPEAKERS

Soundtrack your summer's beach parties, barbecues, picnics and garden gatherings with a sturdy, sweet-sounding nomadic speaker

Words: Rebecca Roberts Photography: Neil Godwin



BIG BLUETOOTH SPEAKERS



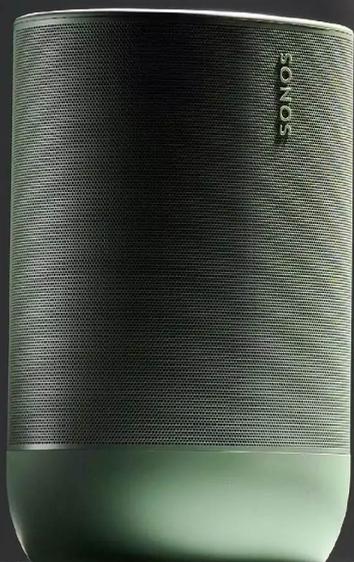
1

SONY SRS-XG500

If any portable Bluetooth speaker can do justice to Technotronic's 'Pump Up the Jam', it's this mind-blowingly powerful modern-day boombox. Prepped for party times, the punch-packing SRS-XG500 isn't only fun to listen to (especially in 'Mega Bass' mode) but also use, with lighting effects that synchronise with the music and even a microphone input for transforming it into a karaoke machine.

£299, [sony.co.uk](https://www.sony.co.uk)

2



3



4



2

SONOS MOVE 2

You may know Sonos for its smarty-pants streaming, but its Move Wi-Fi and Bluetooth speaker is both clever and resilient. Its bulky, rugged design impressively pumps out garden party volume levels, and compared to the original Move extends battery life to 24 hours, delivers a more convincing stereo sound and can handily charge your phone.

£449, [sonos.com](https://www.sonos.com)

3

AUDIO PRO ADDON T3+

Recommended here for its superb sonics, first-class 30-hour battery life, cute, Koala bear-like and (if you choose) colourful design – and not for its tasteful name, we promise – the Addon T3+ is a classy companion to soundtrack any outdoor gathering. Bluetooth tunes from your phone or take advantage of the speaker's 3.5mm aux input, and enjoy sweet sound.

£150, [uk.audiopro.com](https://www.uk.audiopro.com)

4

ULTIMATE EARS EPICBOOM

The clue is in the name – the cool Californian brand delivers 'epic boom' from its latest outdoor speaker, capable of perking up picnics with its loud, 360-degree sound, not to mention scale-pushing 'Outdoor' and energising 'Bass Boost' modes. It looks and feels the part too thanks to a water-resistant mesh shell (it floats!) and practical carry handle.

£330, [ultimateears.com](https://www.ultimateears.com)

SMALL BLUETOOTH SPEAKERS

**1**

TRIBIT STORMBOX MICRO 2

Tribit's tiny albeit tough, water-resistant wonder is surprisingly capable in the sound department (even more so when paired with another), lasts for 12 hours on one charge, and doubles as a powerbank for your phone. All for the price of a London drinks round. £60, eu.tribit.com

2**3****4****2**

BOSE SOUNDLINK FLEX

It's not easy to look solid and sexy at the same time – just ask Alan Ritchson (aka Reacher) – but Bose has nailed that brief with a stylishly slim, lightweight and waterproof silicone and steel grille exterior. Brains accompany the beauty – pair two together via the app, or use it as a speakerphone thanks to its built-in microphone. It sounds wonderful, too.

£150, [bose.co.uk](https://www.bose.co.uk)

3

JBL FLIP 6

No voice assistant, phone charging or aux input... no feature frills at all really. Just satisfyingly musical sound quality, fling-in-a-bag portability and ultimate affordability. Waterproofed and burrito-sized, this super-simple, super-practical JBL Bluetooth speaker offers 12 hours of battery, many colour finishes and can be used just about anywhere.

£99, [uk.jbl.com](https://www.uk.jbl.com)

4

ULTIMATE EARS WONDERBOOM 3

Take this fully waterproof, floatable speaker into the pool and you'll have wrinkled up like a raisin long before the Wonderboom 3 has had enough. This long-time favourite kicks out a surprisingly substantial, 360-degree sound for its small size, and can pair with another for a double sonic bubble.

£70, [ultimateears.com](https://www.ultimateears.com)

BRAWNY BLUETOOTH SPEAKERS



1

BANG & OLUFSEN BEOSOUND EXPLORE

Bang & Olufsen's sleek, mug-sized speaker is durable in more ways than one, combining an all-terrain, ribbed design with a 27-hour juicepack that will last from your adventure's first footsteps to its 'why did I ever agree to this?' stage. Throw in sound more sophisticated than most, and you have an ideal mountainside companion.

£219, bang-olufsen.com



2

JBL CHARGE 5

Sandwiched between the Flip and Xtreme in size and price is arguably JBL's most victorious speaker. The latest Bluetooth-only Charge is a humble beast with weatherproof, barrel-like bodywork, an expectedly big, clear and infectious musical sound, and, befitting its name, a generous 20-hour battery life that can keep your phone charged too.

£129, uk.jbl.com



3

3 ULTIMATE EARS MEGABOOM 3

Another floatable feat from Ultimate Ears that goes big on boom and feels even more indestructible with its cylindrical, drop-proof design and fabric as impervious as armour. Its 360-degree, room-filling and lively sound can party hard for 20 hours, while the top-panel 'Magic button' controls playback and can even summon a playlist without you having to reach for your phone.

£170, ultimateears.com



4

4 JBL XTREME 3

The Bear Grylls of portable speakers (it even comes in a camo colourway), the Xtreme 3 lives up to its name with a ruggedised shell that would survive a downpour or sandstorm. There's power aplenty, with chunky bass radiators on either side pulsing enthusiastically to basslines, and also the sonic finesse you wouldn't expect from its broad shoulders and barrel chest.

£300, uk.jbl.com

BRAINY BLUETOOTH SPEAKERS



1

AUDIO PRO A15

What the A15 lacks in durability, with an 11-hour battery life and only slight water resistance, it wholly makes up for in beauty and brains: the Scandi-sleek multi-room marvel supports AirPlay 2, Google Cast and Audio Pro's own multi-room platform, while six preset buttons offer quick access to your playlists. Its sound is powerful, clear and focused. £350, uk.audiopro.com



2

BOSE PORTABLE SMART SPEAKER

Bose's 'Ronseal' speaker does what it says on the tin - it's portable and smart, the former in a 'carry in a rucksack' rather than a hand-held kind of way, and the latter in its support of Bluetooth, Wi-Fi and both Alexa and Google Assistant voice control. Clear, balanced, 360-degree sound and typical Bose beauty seal the deal. A real crowd-pleaser. £370, bose.co.uk



3

SONOS ROAM 2

Move from house to garden with the Sonos Move, or roam from home to, well, anywhere you like with the Roam. Sonos' smaller portable speaker is arguably the world's most versatile: hand-held in size, thoroughly weatherproof, serving up Wi-Fi and Bluetooth streaming and voice control, and with a rich, weighty sound that can be optimised for its surroundings. Now with simpler pairing and controls, too. £179, sonos.com



4

BANG & OLUFSEN BEOSOUND A1 (2ND GEN)

Dishing out a weighty and expansive sound that's as refined as its pearl-blasted aluminium chassis and the leather wrist strap protruding from it, this dinky, English muffin-shaped speaker is unquestionably the classy affair its price demands. Points are won for uniqueness, too, with Alexa support (via a connected phone's Wi-Fi) allowing you to quiz the assistant and control playback hands-free. £259, bang-olufsen.com

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PLUS MAXXINE MATT DAMON LORD OF THE RINGS: THE RINGS OF POWER S2
COBRA KAI S6 BLAIR WITCH AT 25 THE FILMS WE'LL NEVER WATCH AGAIN

MAGAZINESDIRECT.COM

Pizza ovens

Get a pizza the action with three of the best indoor and outdoor pizza ovens to upgrade your baking game

Words: Derek Adams, Leon Poulteney Photography: Neil Godwin



It goes without saying, pizza is a universally-loved food, and there's something magical about a self-made, restaurant-style pizza. A regular kitchen oven doesn't cut it, though, so to take your pizza-baking game to the next level, you need a pizza oven.

Before 2012, the only way to do this was to build a huge igloo-shaped, wood-burning oven on the patio that was notoriously volatile

to manage without under-baking the pizza, burning it to a crisp, or singeing a hand.

The original Ooni changed all that and, in doing so, opened the floodgates to a new wave of state-of-the-art pizza ovens. While considered the most authentic of pizza fuels, wood is intimidating to work with and involves a lot of pre-preparation and ash management. As a result we're now seeing a lot of gas- and electricity-based models that

are much easier and more convenient to use while producing the same results - ie, pizzas with firm and perfectly baked bases, and tall, airy crusts with moist Ciabatta-like internal structure. Just-a like-a mamma used to bake.

There are plenty of manufacturers out there vying for your hard earned but, in our opinion, few compare to the three highest-performing mainstream brands in this arena - Ooni, Gozney and Witt. Let's bake!

WHAT'S ON TEST...

1 Witt Etna Rotante

Danish firm Witt enters the home pizza-baking sphere with this innovative gas oven. The handsome Etna Rotante makes pizza baking a veritable cinch by way of a large 16-inch circular cordierite stone that slowly revolves, a semi-circular curtain of gas above for expertly cooked ingredients

and second gas burner beneath the stone for that perfect base. Available in four tantalising colours, the Witt Etna Rotante is a consummate option for larger-scale pizza parties. **£699, wittpizza.com**

SPECS

Fuel source Gas **Stone Size** 16 inches **Dimensions** 633 x 761 x 436mm **Weight** 40kg



2 Ooni Volt 12

Having already produced an assemblage of gas and wood-fired models, Ooni recently followed in the footsteps of Sage and produced this excellent indoor/outdoor oven that uses electricity for convenience and reliability. It comes equipped with a square 13-inch stone for easy pizza launching and

turning, controllable heating elements above and below the stone, a glass-fronted door for heat retention and an internal LED light to keep an eye on things. **£799, uk.ooni.com**

SPECS

Fuel source Electricity **Stone Size** 13 inches **Dimensions** 617 x 529cm x 279mm **Weight** 18kg



3 Gozney Arc

You're more likely to see a Gozney at pop-up pizza stands than any other brand. The gas-fired Arc adopts a smaller footprint than its similarly-styled and much more expensive stablemate, the Dome. Uniquely, this stylish oven's lateral gas flame billows upwards and outwards as it follows the curved contour

of the oven's internal space. And because the flame is fed extra oxygen, it accurately emulates a yellow-coloured wood-fired flame in both heat intensity and aesthetics. **£599.99, gozney.com**

SPECS

Fuel source Gas **Stone Size** 14in **Dimensions** 480 x 564 x 342mm **Weight** 21.5kg



WITT ETNA ROTANTE



An impressively consistent heat means that the pizza crust is evenly baked and the toppings are perfectly cooked, too

PRODUCT 01:

WITT ETNA ROTANTE

A game changer that may alter your pizza-making life forever

Witt's outdoor gas-fired pizza oven features several innovations, including a revolving pizza stone, and a twin gas burner, to help deliver the perfect bake.

You won't mistake this oven when you see it. Aside from being huge, it's heavy too. At 40kg it's impossible to lift or carry by yourself, unless you're a gorilla. The reason the Rotante is so big is because the cordierite stone that comes with it is large enough to accommodate a 16-inch pizza – four inches wider than the norm.

Most pizza ovens look very similar, with wide shallow bodies and big gaping mouths. Nevertheless, this one is a genuine sight to behold. Available in four beautifully finished matte colours – graphite, stone, black and delicious orange – the Etna Rotante is unquestionably one of the loveliest looking pizza ovens on the market.

If you've ever made a pizza using fresh dough, you'll know that it will need turning a number of times during its 90–120-second baking session. This is because the source of heat is usually near the back or, as in this case, around the back and sides. This is far from easy to do, however. Praise, then, to the Danes for coming up with the simple but ingenious concept of a revolving pizza stone that does all the turning for you. Simply tap the button on the side and the stone will slowly revolve until

The ingenious revolving pizza stone does all the turning for you

you turn it off again. Since the motor uses battery power (four AAs), there is no need for an outdoor mains socket.

Thanks to a semi circular burner positioned at the rear of the oven and about halfway along the sides, the curtain of flame the Etna Rotante produces is more consistent along its entire path than other models. This not only ensures that the pizza crust is evenly baked but that the heat it creates overlaps the pizza so the toppings are perfectly cooked, too. Unique to the Rotante, a second burner beneath the stone improves the quality of the base while helping the oven to heat up much more quickly. On a cool day, it took around 30 minutes to reach baking readiness – normal for any outdoor pizza oven without a door. It would be good to see Witt produce some kind of door for the Rotante in the future, to speed this up.

The Witt Etna Rotante is a genuinely brilliant addition to the marketplace. The revolving stone is an ingenious innovation, as is the second burner, and it looks a million quid, too. You won't find a better-equipped outdoor gas oven for the price.

PRODUCT 02:

OONI VOLT 12

This electric alternative is fast, easy to use and offers spectacular results

The Volt 12 is Ooni's first electrically-powered indoor and outdoor table-top pizza oven. The advantage of electric over gas is lower running costs, faster heat-up times in cold weather, and the ability to use the oven inside or outside.

This oven is big with a capital B. At 57cm in depth without the front door handle, 51cm in width and 27cm in height, it may be too big for the average UK kitchen worktop unless the unit is pulled forward away from the wall so its front feet are just near the edge of the surface.

One of the major advantages of the Volt 12 is that its square 13-inch cordierite stone fits flush across the entire base of the interior so it will easily accommodate pizza bases that are slightly wider than the 12-inch norm.

The Volt 12 uses two old-fashioned circular heating elements, one above the stone and the other below. It's an ingeniously simple design that works miracles at keeping both internal and stone temperatures consistent – and blazingly hot to boot. According to Ooni, the springy door is triple-paned in borosilicate glass for maximum insulation. The bright interior LED light helps when checking what's happening on the inside – a massive deal with pizza baking when things change so quickly.

The Volt 12's controls consist of just three knobs – timer, temperature and a third knob that adjusts the temperatures between the top and bottom heating elements. To make temperature selection and heat ratio

The heat is much more uniform than any wood- or gas-fired pizza oven

easier, Ooni provides a manual which helps the user determine the best temperature for the style of pizza and, more importantly, the best balance of temperature between the bottom heating element and the top.

Turning it on for the first time, the Volt 12 hit the max temperature of 450°C in about 20 minutes, which is a lot faster than any gas-powered pizza oven. Without touching the heat balance knob our very first test pizza – a Neapolitan style – was a howling success. Crucially, the heat in the upper chamber of the Volt 12 is much more uniform than any wood- or gas-fired pizza oven, but it's also still a few degrees hotter at the back than at the front.

The best thing about an electric pizza oven like the Ooni Volt 12 is that it can be used all year round. It's also cheaper to run than a gas alternative (about 5p per pizza) and a lot easier to use than any wood-fired oven. Granted, at around £799 the Ooni Volt 12 isn't cheap and it may even be too large for a small kitchen, but we were hugely impressed by its performance which is up there with the best for baking consistency and ease of use.

OONI VOLT 12



The Volt 12 can hit its maximum temperature of 450°C in about 20 minutes, which is a lot faster than any gas-powered pizza oven

GOZNEY ARC



Thanks to the lateral gas burner, you don't get awkward charred sections of pizza dough – it neatly chars just a little but with toppings piping hot

PRODUCT 03:

GOZNEY ARC

Pricey, but a work of art for any garden, and it produces mighty fine pizzas, too

Sitting somewhere in the middle of the Gozney range, the standard Arc is ideal for cooking 14-inch pizzas, while the XL version can accommodate 16-inch pizzas. A professional-grade lateral rolling flame is said to replicate the heat source of traditional wood-burning pizza ovens, heating the inner consistently and evenly, to avoid having to continually turn the pizza to prevent burning.

The Arc comes in a subdued cream, almost stone-like colour, so looks good in any modern garden. There's also a limited black version, available in the XL model. Gozney supplied the Arc with its stand, which is a £249.99 extra, but places the pizza oven at a handy eye level and has retractable sideboards, as well as wheels to help move it around, making storage easier. Alternatively, there's a £99.99 booster, which makes wrangling a pizza paddle a little easier. Or the Arc can sit atop any solid surface that's big enough. You'll also need to make sure you have plenty of space for the gas bottle to sit safely away from the oven. The overall weight is 21.5kg, so it's not easy to move around with one person.

The Gozney Arc is simple to use, with a battery-powered digital thermometer at the front and a dial that's used for igniting the flame and adjusting the temperature during cooking. Simply connect the gas, ignite the flame and the oven will be up to temperature in 25 to 40 minutes, which is pretty decent. The internal pizza stone

It goes well beyond just a handful of novelty outdoor cooking sessions

is removable, should you need to clean it, but most small pieces of food and crust can be burnt off by leaving the oven on for a while after cooking.

Not only does the Arc look incredibly delicious, it also performs, while the company has selected premium and durable materials to ensure the purchase goes well beyond just a handful of novelty outdoor cooking sessions. The lateral gas burner, for example, has been meticulously engineered so its flame rolls around the roof of the Arc and heats the interior more evenly. This means you don't get awkward charred sections of pizza dough, while the other half is barely cooked. The results were impressive, with the pizza dough neatly charring just a little but with toppings piping hot. We cooked four pizzas on the first run and every single one was met with saucy grins and big thumbs up from those who tried them.

The Arc's increased cooking space, the ease at which it can be fired and the lack of messy clean-up operations makes it a fantastically versatile piece of outdoor cooking equipment, so we highly recommend it.

T3 VERDICT:

THE OVERALL WINNER IS...

OONI VOLT 12

£799, uk.ooni.com

WE'RE IMPRESSED There's no denying the convenience of electricity which allows for year-round pizza baking, both indoors and out.

WE'D IMPROVE The Volt 12 is arguably bigger than it ought to be to comfortably fit on most worktops. It's also more expensive to buy.

THE LAST WORD A sterling

electrically powered worktop oven with easy-to-use controls that individually balance both stone and oven temperatures. The addition of a glass door makes it perfect for outdoor use on a windy day while its internal light allows you to keep an eye on baking progress.

★★★★★



WITT ETNA ROTANTE

£699, wittpizza.com



WE'RE IMPRESSED Large 16-inch baking stone, twin gas burners and a revolving stone to ensure even baking.

WE'D IMPROVE It's difficult to be certain that the burner beneath the stone has ignited since you can't see it.

THE LAST WORD An ace option for those seeking spectacular results with few hiccups.

★★★★☆

GOZNEY ARC

£599, gozney.com



WE'RE IMPRESSED Industry-leading build quality, insulation and overall design.

WE'D IMPROVE The addition of a door would help keep the oven at optimum temperature between bakes and when used in cooler weather.

THE LAST WORD If build quality and design are your main things, this is the oven for you.

★★★★☆

EVERYTHING YOU NEED TO KNOW ABOUT BAKING PIZZA AT HOME

GAS, ELECTRIC OR WOOD?

Wood is the most authentic fuel but also the most time-intensive. While gas-fired ovens are easier to use, they need to be sited outside and that means less use during a typical year. Electric ovens, on the other hand, can be used all year round – both inside and out, when weather permits.

IT'S ALL IN THE PREPARATION

Pizza baking is hard and fast so make sure that all ingredients

are prepared in advance. Also, instead of spending a lot of time making your own dough, you could skip that malarkey and order in some professionally-made frozen dough balls from a company like Warehouse Pizza.

USE THE RIGHT TOOLS

You stand to face disaster if you don't use the right tools and chief among these is the humble pizza peel. Without using a peel, there is no reliable way to launch, turn and retrieve a pizza without seriously burning your

hand and damaging the pizza. You are also advised to invest in a digital laser thermometer, a wooden preparation board and a pizza cutter.

HOW TO BAKE GREAT PIZZAS USING GAS

Put the gas burner on full blast and ensure that the stone reaches a temperature of around 450°C – check it using a laser thermometer. Turn the oven off completely just before launching the pizza and turn it on again to the lowest flame

after you've turned the pizza for the first time. This will prevent the top of the pizza from cooking too quickly while giving the base more time to crisp up.

THERE WILL BE MESS

Pizza-making is a very messy business. You can be sure there will be flour everywhere, loads of paraphernalia and the inevitable cleaning of work surfaces. For these reasons you're advised to wear an apron to protect your clothes, which will look a mess, otherwise.

5 ESSENTIAL PIZZA OVEN ADD-ONS

Maximise your pizza-baking efficiency by investing in these indispensable accessories



01



02



03

04



05

1 OONI STACK

Proofing of pizza dough is vital for creating elasticity when stretching and for ensuring the base is light and airy. Place your dough balls in this trio of glass proofing bowls about three hours before baking for perfect results, time after time.

£40, uk.ooni.com

2 WITT INFRARED TEMPERATURE GUN

Although many pizza ovens have a temperature sensor on board, it doesn't accurately tell you the temperature of the actual stone. For that you need an after-market digital infrared thermometer like this efficient model from Witt. Simply point the laser beam towards the centre of the stone for an accurate temperature reading.

£44.99, wittpizza.com

3 GINO 8-IN TURNING PEEL

Although not essential, a smaller circular turning peel like this well-made model from celebrity chef Gino D'Acampo will make it easier to check the pizza base and turn it while it's in the oven. It features a long handle, too, for extra safety.

£44.99, ginopizzaovens.com

4 OONI PERFORATED PIZZA PEEL

This is the most important piece of equipment in your armoury and it should not be ignored since it is the main interface with which to launch and retrieve the pizza. The Ooni peel's slickly smooth surface helps the pizza slide off while its perforations allow excess flour to fall through.

£60, uk.ooni.com

5 GOZNEY PIZZA CUTTER

You could use a large pair of scissors to cut your pizza into triangles or you could make like a pro and use a proper pizza wheel cutter like this tactile and very stylish carbon stainless steel model with sculptured wooden handle from the house of Gozney.

£40, gozney.com



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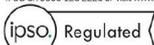
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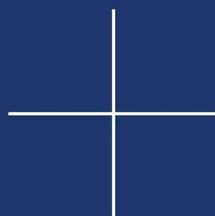
T3

ISSUE 363

ON SALE THURSDAY 1 AUGUST

UPGRADE YOUR GAME

Enjoy the summer of sport with the best tech for football, running, cycling and more!



HOME CINEMA AUDIO UPGRADES
From Atmos headphones to multi-channel speakers

APPLE INTELLIGENCE
Discover how Apple's new AI will enhance your tech

THE BEST SMART BBQS
Beef up your barbecuing skills this summer
ALL-NEW BEATS PILL SPEAKER ON TEST
The legendary portable powerhouse returns

* ALL CONTENTS SUBJECT TO CHANGE

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TESTED

Expert reviews and recommendations to help you buy with confidence

Edited by Nick Odantzis



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APOLLO GO

HOW WE TEST

In T3, we feature only the finest gadgets out there, and we believe that you – our loyal reader – deserve only the best tech in your life. We don't want you to waste time, and money, on inferior products, and that's exactly why our Tested section exists.

In here you'll find only the latest and hottest tech. Each product has been handpicked and tested by T3's experts.

We only choose people with specialist knowledge for each test, so you know you're going to get an outcome based on many years of experience in their respective field.

As well as our traditional five-star rating system (right), we also give out awards to particularly exceptional gadgets, using the line-up below – so when you spot one of these, you'll know you're onto a good thing.

THE SCORES EXPLAINED

- ★☆☆☆☆ Forget it
- ★★☆☆☆ Below average
- ★★★☆☆ Good for the price
- ★★★★☆ Very good all round
- ★★★★★ An exceptional, best-in-class product

OUR AWARDS



This is given to winners of our group tests, so you can see which is the best at a glance



Only the very best products – those that score five stars – receive our Platinum Award

SPECIFICATIONS

Drivers Custom-designed 40 mm dynamic driver in each cup
Microphones Eight for noise control and voice targeting
Audio features Lossless audio, active noise cancellation, spatial audio, dynamic head tracking, Dolby Atmos, adjustable EQ, TV Audio Swap, aware mode, wear detection
Colours Black/Soft White
Connectivity Bluetooth 5.4, USB-C (cable included), 3.5mm audio cable
Dimensions 191x160x85mm
Weight 312g



From £449
 sonos.com

ACE OF BASS

Sonos Ace

Sonos' first-ever headphones are here, offering comfort and quality that crushes the competition

Years in the making, and surrounded by so much hype, the Sonos Ace headphones are finally here. They're the audio brand's first-ever pair of headphones, but does this long-awaited debut truly deliver on that hype?

The first thing to mention is the Sonos Ace's not inconsiderable asking price: at £449, these headphones make a clear statement of intent, lining up

Sonos' entry against similar high-end rivals, such as the Bose QC Ultra Headphones, or Apple's AirPods Max; the Sonos offering may actually seem like a relative bargain by comparison.

Given that the Ace has been built from the ground up, making everything about Sonos over-ears brand new to the brand's product catalogue, a more pertinent question would perhaps be 'what's unique?' That's where the new Sonos

TrueCinema and TV Audio Swap feature – the ability to switch sound from your Sonos Arc soundbar and into your ears (TV Audio Swap), but in a way that mimics the specific in-room sound profile (TrueCinema) – is something no other headphones can offer. It's Sonos ecosystem-specific, of course, but if you're a Sonos user then it might be an ideal solution for those low volume at-home movie sessions.



BASKET CASE

Sonos' first headphones aren't the most portable option out there. Their inability to fold makes them, and the matching case, rather large; there are better alternatives for travel.

But that feature is also one of the first shortcomings in another regard: at launch other Sonos soundbars aren't compatible (Beam and Ray are in the pipeline though, Sonos has confirmed), and it's an Apple iOS-only feature initially (Android is in the works, there's just no launch date set for that right now) as the new Sonos app continues to receive updates.

Good feeling

The company's design and comfort goals were to deliver headphones that "wouldn't feel like you're wearing them". We can quite confidently say that the Sonos Ace represent the single most comfortable pair of headphones we've ever tested. The material feel is on point – with a memory foam headband that only gets more comfortable over time. The clamping force is perfectly judged – there's no 'squeeze', but it's in no way 'loose' either.

Some of the comfort aspects are derived from design brilliance too. Take, for example, that the hinges are within each earcup and not visible –

you'll have no hair-pulling or finger-pinching experiences here. So a practical positive to take-away from a feature that also makes the Ace look so seamless and suave. These are really visually stunning over-ears.

Being a Sonos product you'd expect black or white finish options – which is precisely what you get here, albeit with the latter called 'Soft White' – and both options are subtly judged. The earcups' lustre-like finish resist fingerprints successfully, and avoids any gaudy overhyped logo – there's a single laser-etched one on the right earcup only.

Sadly, the Ace are not folding headphones, so you might want to go elsewhere for travel headphones, and we'd recommend the Bose QuietComfort Ultra Headphones, due to the folding earcups.

On a similar subject, the included carry case is a bit of a letdown. The zip can get caught against the case too easily. The case doesn't travel all that well, either, as it squashes in on the zipper to excess. The exterior can mark and scratch easily, too.

The Sonos Ace look great and are unfathomably comfortable

Physical controls are an up/down toggle that makes for easy volume adjustment (and other controls), with an ANC mode-toggle button beneath this. If your digits get lost then the Sonos logo's subtle deboss can help guide your fingers. On the other earcup is where you'll find the Bluetooth connectivity button, sat next to the exposed USB-C charging port. Some might prefer touch-based controls – such as Bose's headphones – but a physical control is a failsafe, really, and it works extremely well here.

The right profile

Sonos has used its many years of experience to deliver a solid sound profile. Nestled behind the earcups – which, by the way, are magnetically attached and easy to remove for cleaning (or potential future replacement) – are custom 40mm drivers, taking charge of the sound delivery. We did feel a little extra treble was needed to uplift some flatness to the Ace's profile. That's easily done in the app, however, with



SOUND SWAP
Only for iOS at present, TV Audio Swap enables you to beam your TV sounds to the Ace using compatible Sonos speakers.



ACE AUDIO
The Sonos Ace headphones feature support for lossless audio – either wirelessly thanks to the latest Bluetooth 5.4 standard (only with a compatible Android device), or wired using the included USB-C cable.

a bass/treble EQ offering a simple +/-5 for the low and high frequencies.

Sonos like them

While the app is an assistive part of the Ace experience, you might expect it to do more. With Sonos being synonymous with the multi-room speakers it's a bit peculiar that the headphones live quite separately to a home setup within the app. Not to mention they're really, really slow to appear each time. We'd anticipated features such as auto-handover when, say, arriving back home and taking the headphones off. But that's not the

Noise cancelling exceeded our expectations

case – it's only the TV Audio Swap aspect that can leverage one of Sonos' soundbar products (for now).

The app has updated a number of times since testing started, though, and we know additional features are coming, such as Android support and wider soundbar compatibility, so yet more could be added in the future. You'll need the app to activate head-tracking for spatial audio, while a loudness booster can also be applied to get more dynamism out of lower volume listens. There's support for aptX Lossless, AAC and SBC – not that the source material's quality is

revealed during playback – which means decent wireless quality from relevant sources.

Speaking of spatial audio – which has been implemented here with Dolby collaboration, the very makers of Dolby Atmos three-dimensional audio – we've been fairly impressed by relevant tracks and movie sound mixes in giving that additional level of an all-encompassing listen. Using head-tracking provides additional motion and movement, which makes sense in these 7.1.4 upmixes.

However, the head-tracking is pointless to activate with traditional

THE ALTERNATIVES



BOSE QUIETCOMFORT ULTRA HEADPHONES

If travel is your priority, then look no further. The QuietComfort Ultra packs neatly into its compact travel case, they sound great, and their active noise cancelling is unrivalled.
£449, [bose.co.uk](https://www.bose.co.uk)



BOWERS & WILKINS PX8

If you want luxe materials and finish and hours of comfortable wear, not to mention all the top-flight codec compatibility, then there's little else that can compare to the PX8 headphones. You'll pay a hefty premium, though.
From £599, [bowerswilkins.com](https://www.bowerswilkins.com)



SONY WH-1000XM5

The WH-1000XM5 deliver an expansive soundstage and the very best ANC that Sony has ever delivered, only rivalled by Bose's latest Quietcomfort Ultra cans. The design is beautifully minimalist with intuitive controls.
£319, [sony.co.uk](https://www.sony.co.uk)



HARD DRIVER

Custom 40mm drivers deliver a big sound profile in music, aided by the spatial audio to make the most of tracks and movies that support it.

stereo music – and not a patch on how Bose’s version will upmix tracks – as it’ll just veer off in various directions related to your motion. Again, we’d be game for a future app update that reserves head-tracking automation for TV Audio Swap connections specifically, as for standard music playback – which is principally what people use headphones for, right? – it’s just overkill.

Not that you need head-tracking activated to listen to music. With the volume cranked there’s no distortion – although these headphones did need a little breaking-in period beyond others we’ve tested in recent years (initially a little sibilant and ‘crunchy’ – which has since ceased owed to use) – and a good thrum of bass and mid- and high-frequency separation. There are wider soundstages out there, perhaps from premium wired headphones, but the Sonos Ace do sound accomplished.

Noise annoys

Sound quality is dependent on whether active noise cancelling (ANC) is activated, just as it does in any pair of the best noise-cancelling headphones available. We’re firmly in the camp of leaving it always on. It’s

easy to toggle it into Ambient (passthrough for listening to surroundings more easily) or completely Off if you prefer. Or you can remove any possibility of switching from a preferred mode from within the app.

Initially, we weren’t convinced that Sonos had created world-beating ANC. But our opinion quickly changed whilst testing the headphones in a variety of real-world conditions. We were astonished how they could drown out external sounds in the gym. Walking down the street we’ve experienced no wind tear like so many other headphones suffer, too. And on a long-haul flight – a mere 14 hours from Hong Kong to London – the background hiss and general engine noise was all but muted. It’s really that good. Less ‘strong’ than some – here’s looking at you, Bose – but very accomplished nonetheless.

That same long-haul flight also helped to highlight how decent the Sonos Ace’s battery life is. With a quoted 30 hours of use, our loud-volume-level listening sessions show that’s on par with expectations. The app shows percentage level accuracy, although this is only visible when opening it up. Fast-charge is said to

Battery life is a rather exceptional 30 hours

give 10% juice from a dead battery in just three minutes, for up to three hours of listening.

So back to the original question: does Sonos’ long-awaited headphones debut deliver on the hype? It’s an enthusiastic ‘yes’ in very many areas, from the immense comfort and beautiful design to the accomplished sound (with some in-app EQ tweaks) and ANC and battery life. Irrelevant of whether you’re a Sonos user or not, you’ll find these highly appealing over-ears.

T3

VERDICT

WE’RE IMPRESSED Comfortable; big sound; trueCinema/TV Audio Swap has potential.

WE’D IMPROVE Case isn’t up to standard; better travel headphones out there.

THE LAST WORD Sonos’ first headphones are one of the best over-ears we’ve tested.

★★★★★

Find the greatest deals on the Sonos Ace at: bit.ly/t3sonace

SPECIFICATIONS

Screen sizes 55-inch / 65-inch / 77-inch / 83-inch / 97-inch Panel 3,840 x 2,160 120Hz
 OLED HDR support Dolby Vision / HDR10 / HLG Audio Dolby Atmos, 4.2 speaker system, 60W output OS webOS 24 Connectivity 4x HDMI 2.1 (1x eARC), 3x USB, ethernet, optical audio out, Wi-Fi 6, Bluetooth 5.1 Dimensions From 1222x702x27.2mm / 1221x826x24.3mm / 1712x982x24.8mm / 1847x1057x28mm / 2155x1230x28.2mm
 Weight From 17.9kg / 23.8kg / 37.4kg / 40.9kg / 57kg

From £2,399
 lg.com

OLED OF THE GAME

LG OLED G4



A cinematic and gaming powerhouse, LG's OLED TV will deliver picture quality with such aplomb that your retinas will be giddy

LG doesn't make things easy for itself. Just last year, our verdict on the LG OLED G3 was that "TV doesn't get better than this". Except here we are, over a year later, with the LG OLED G4 and, you guessed it - it's somehow even better.

Somehow the engineers have squeezed in more brainpower - in the form of a new AI chip - to deliver more brightness and better picture quality.

This is also the first time LG's G series has dropped its wall-mount-only option - the 55- and 65-inch models offer stand-mount or wall-mount options, you choose - which will make it much more appealing for many prospective buyers.

In terms of design, the LG OLED G4 looks a lot like its predecessor. Which is no bad thing at all: minimal bezel to the panel's edges is held together with a metal frame that's of great quality.

There's the same four HDMI 2.1 sockets on the back as before, too, but this time there's PC gaming support up to 144Hz - which is a major future-proofing feature for gamers.

The biggest change is the all-new Alpha 11 AI processor, a step above its Alpha 9 Gen 6 predecessor, promising more power to do more with images in real-time. Sound has also seen tweaks, with the 60W speakers now offering an 11.1.2 Dolby Atmos-capable upmix



courtesy of the new AI chipset. That's a step up from the 9.1.2 system of the G3.

On the bright side

The OLED G4 doesn't tout a massive peak brightness jump over its predecessor, but it's the brightest pure OLED panel on the market right now. Its new Peak Highlighter feature does mean a further boost in peak highlights. But it's down to how the AI engine analyses pictures that allows it to target brightness, and where the TV gains additional improvements.

Where the OLED G4 really sings is with its picture quality, the new AI system squeezing more out of the G4's images: because the engine can define what's on screen, it can illuminate subjects with absolute precision because it knows the context of the image. That means it's far more precise than a zoned backlight system, such as that of a Mini LED competitor.

It's not always in its brightest of moments when the G4 looks best. With Filmmaker Mode now offering Dolby Vision, watching late-night movies with super-dark scenes have an almost endless depth to their visuals. There's a reassuring accuracy

to the colour palette whatever the brightness – no runaway greens like you'll find in some competitors – and the set ensures it holds onto saturation even in nighttime scenes.

Gaming is one area where the OLED G4 is unrivalled, with a number of beneficial features – as we mentioned you get four HDMI 2.1 ports that mean 4K resolution at 120Hz, with VRR and ALLM in full support. Many competitors only offer two ports out of four at this level. The addition of 144Hz puts the LG a step above most others.

It's no surprise that a slender TV such as this doesn't contain the biggest of speaker drivers. As a result the LG OLED G4 isn't the very best sounding of TVs out of the box – although it's very capable of delivering convincing height, just without as much oomph as you might want.

In terms of software, LG's webOS is a longstanding and successful operating system. It's continued to strip back its visuals, with more showing on screen and fewer unused spaces than in earlier versions. WebOS is a great hub to access your sources, your content, and even some baked-in streaming channels. Furthermore

Stand-mount options for some G series models are eye-catching

there are new accessibility and voice controls, so if you've got a query about how to change something then you can ask the TV and it should present you with an actionable response.

The LG G4 goes to show just how things can advance, even in a short time, because this is the new standard for traditional OLED. If you're a big fan of cinema or gaming, then LG's top-tier telly is very well-equipped to handle both – and with such aplomb that your retinas will be giddy from this degree of picture quality.

While out-the-box sound isn't the very best going, add a decent soundbar and you'll get to experience one of the best TVs money can buy. LG is on to a serious winner in the G4.



VERDICT

WE'RE IMPRESSED Brightest pure OLED TV with sublime quality; stand-mount or wall-mount options; great for gamers.

WE'D IMPROVE Can be a little unforgiving with less-than-optimal sources; built-in sound quality still isn't brilliant.

THE LAST WORD Add a decent Atmos-supported soundbar to the LG OLED G4, and you'll get to experience one of the best TVs money can buy.



Find the best deals for the LG OLED G4 at: bit.ly/t3lgg4

THE ALTERNATIVES

SONY A95K

Another winning quantum dots/OLED combination, the A95K not only offers one of the best pictures on the market, unlike the LG OLED G4, thanks to Sony Acoustic Surface Audio+, it also sounds incredible. From £2,999, sony.co.uk



SAMSUNG S95D

Winner of best OLED TV in our awards issue last month, the S95D combines a superlative QD-OLED panel with anti-reflective tech, and it's all wrapped up in a super slim, aesthetically-pleasing design. From £2,499, samsung.com





POCKET PUNCH

Panasonic Lumix S9

A compact camera with both top image quality and useful features

If you're looking for a mirrorless camera that takes up as little space as possible, then Panasonic's Lumix S9 is worth your consideration. Prices start from £1,499 for the body only, or £1,799 with the 20-60mm kit lens. It comes in three funky colours – Crimson Red, Dark Olive and Classical Blue – as well as Jet Black for a more classic appearance.

Inside, a full frame 24.2MP sensor offers astounding resolution. That fits within the smallest and lightest full frame mirrorless camera in the brand's S series. Shot-snapping is a breeze with up to 6.5 stops of five-axis image stabilisation and phase detection auto-focus. You'll get up to 779 points of auto-focus, too, which should be useful to ensure pinpoint accuracy. On the rear of the camera, a new LUT (Look Up Table) button is present. That gives users access to their LUT of choice at any time, for an instant view with the preset engaged.

It's not just the hardware which gets the good stuff, either. The Open Gate video format can be found on this camera. If you aren't familiar, that sees the full frame captured, before allowing editing in the new Lumix Lab app. A host of popular file sizes can be quickly implemented, for sharing on different platforms. That's not the only cool bit for users looking to minimise their social media setup. The Lab app allows for full editing of an 'MP4 Lite' file, with the brand claiming video can be shot and shared to social media within 30 seconds. That app is also the

home for all things LUT. Users can download LUTs created by Lumix, as well as selected influencers and ambassadors. It's also where users can create LUTs, to upload to their camera.

Still, all of the specs in the world don't matter if it doesn't perform. Fortunately, the Lumix S9 creates monstrous imagery. Colours are vivid without being false, while pairing with the right lens offers a really pleasing bokeh. One of the Lumix S9's key features is the crop zoom, offering a digital zoom range of 3.1x the focal length, even on a fixed focal length lens. With a 50mm lens, we were able to zoom into a 156mm focal length, which is really useful. Far more than just allowing users to get closer to their subject, the crop gives users the lens compression of a telephoto focal length.

You'll have to be fond of the display quickly as there's no other way to view your imagery. The lack of a viewfinder really did throw us off – it will certainly take some getting used to if you've always had one on a camera. It's something you'll need to do, though, as almost everything is controlled from there. That includes the crop zoom, which can only be adjusted with an on-screen slider. It's a really fiddly way to operate it – we'd have preferred the option to set the manual focus ring on the lens to take care of that, particularly when using the autofocus mode.

If you can get beyond all that, though, there's a nifty compact camera at the end of it for you, with many standout features, and the resulting image quality is undeniably good.

From £1,499
panasonic.com

T3

VERDICT

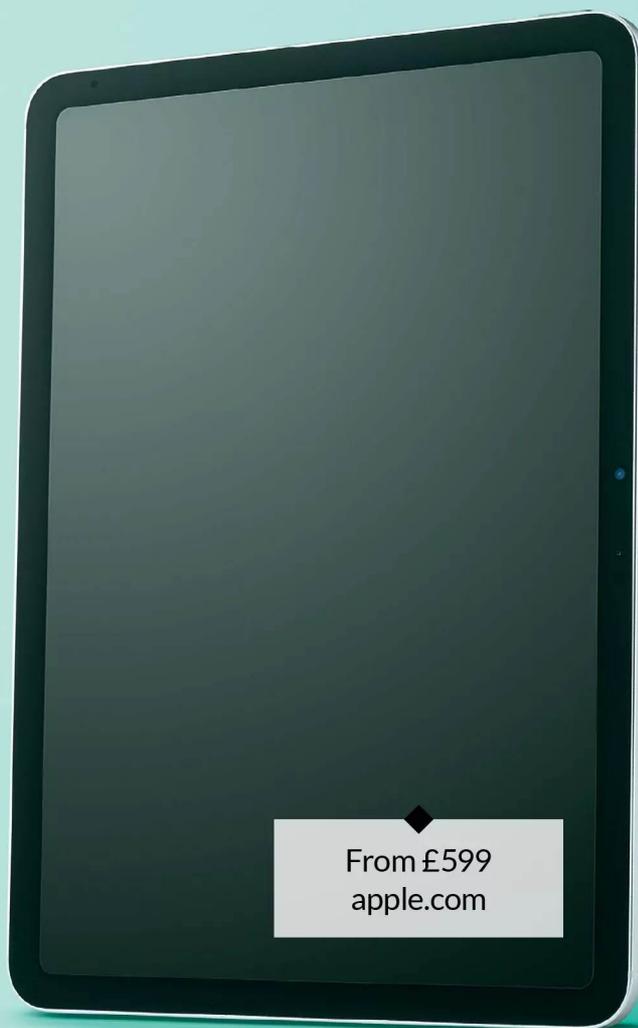
WE'RE IMPRESSED Compact footprint, brilliant image quality; innovative Open Gate video.

WE'D IMPROVE No viewfinder for quick image checking; crop zoom relies on fiddly touchscreen.

THE LAST WORD Though the layout of the Lumix S9 is fiddly and somewhat infuriating at times, you'll reap the rewards of huge image quality by spending time with it.

★★★★☆

Find great Panasonic Lumix S9 deals at: bit.ly/t3lums9



SIMPLY AIRMAZING!

iPad Air 11-inch M2

An incredible tablet that more than fulfils your needs

Now in its sixth generation, the iPad Air is no longer the thinnest or lightest in the range – that title stands with the new iPad Pro.

However, it now gains a 13-inch version and the M2 chip, making it a more affordable alternative.

Prices start from £599 for the 11-inch model, and £799 for the 13-inch model. Both are available with four storage capacities, from 128GB up to 1TB, and Wi-Fi only or Wi-Fi and Cellular.

While the 11-inch iPad Air looks and feels very similar to the old model, the 13-inch version is new. Its closest comparison is the 6th-generation iPad Pro, from which it's both lighter and thinner, weighing 617g with a 6.1mm depth. The Air comes in a wider choice of colours than the Pro, with blue, purple, starlight and space grey.

Apple's M2 chip was previously used in the iPad Pro but now it comes to the Air models. This is a big step up from the previous M1 chip. All iPad Air models feature an 8-core CPU and a 10-core GPU, with a 16-core Neural Engine. All models also have 8GB of RAM. The new Air is more than capable of running graphically and processor intensive apps. The iPad Pro will crunch through 4K Pro Res video and multi-track audio faster, but the Air is still very capable. Despite these upgrades, the battery life for the iPad Air is a respectable 10 hours of web or video playback, or 9 hours over a mobile network.

The front camera is now on the landscape (longer) edge, rather than the portrait or shorter edge. If you frequently video call in landscape mode, it allows for a more natural position. The 12MP wide-angle camera array on the back of the iPad Air remains unchanged, with a new version of Smart HDR (Smart HDR 4) for more accurate images. Unlike the Pro, there's no adaptive True Tone flash on the back, so it's better suited to using natural light. It does shoot 4K video at up to

60fps and slo-mo video at up to 240fps and has a time-lapse video function.

Unlike the new iPad Pro, which features an OLED display, the Air uses a relatively standard LED display. It's no slouch though, a liquid retina display with true tone and P3 wide colour gamut. The 13-inch version has 2732x2048 resolution with 264 pixels per inch and 600 nits brightness. It's very bright, with great colour and depth.

Wi-Fi has been upgraded to Wi-Fi 6E, for faster connection to compatible routers. For cellular, you get a 5G connection but it's now eSIM only. For security, the iPad Air still uses Touch ID, with the power button on the top right edge housing a fingerprint sensor.

Apple's new Pencil Pro was released at the same time as the new iPad Pro and Air models, and it works with both models. It's great news for Air users as this new stylus has some handy new features for advanced Apple Pencil users.

Even though the iPad Air is no longer the thinnest and lightest, it manages to offer a great middle ground, with enough power and the 13-inch option is a big win. Most importantly, it comes at a price that is very palatable, and that makes the Air the iPad that will appeal to most.

From £599
apple.com



VERDICT

WE'RE IMPRESSED New 13-inch size; powerful M2 chip; Apple Pencil Pro support.

WE'D IMPROVE Touch ID feels dated; standard screen; can't use the new Magic Keyboard.

THE LAST WORD The Goldilocks of the iPad range, the Air offers performance that matches the previous Pro model at a more affordable price. Overall, it's the perfect tablet for most people.



Find great deals on the iPad Air at: bit.ly/t3ipadair



£1,299
sony.co.uk

SPECIFICATIONS

Display 6.5-inch 1080 x 2340 pixels 120Hz LTPO OLED **RAM** 12GB **Storage** 256GB / 512GB **OS** Android 14 **Camera** 48 MP main, 12 MP rear, 12 MP front **Battery capacity** 5000 mAh **Connectivity** USB-C, Wi-Fi 6e, Bluetooth 5.4 **Dimensions** 162 x 74 x 8.2 mm **Weight** 192 g

GREAT XPECTATIONS

Sony Xperia 1 VI

Sony's pricey new handset mainstreams in a bid to widen the line's appeal with an upgraded zoom camera

Sony smartphones have niched down over the years, focusing on enthusiast camera features and cinema-wide screens. But this year Sony is going for the mainstream.

The Xperia 1 VI is, on paper, pared back in some aspects when compared to its predecessor, the Xperia 1 V. Its screen is Full HD, not 4K, it misses out on pro video features as seen in the Xiaomi 14 Ultra and past Sony phones, and Sony has also ditched the 21:9 aspect ratio, in favour of a more traditional 19.5:9 screen. What's up?

The Xperia 1 VI is still a very Sony phone with flat sides, a flat front and back, and the same finishes we saw on the previous model. Weighing 192g and measuring 8.2mm thick, it's relatively light, and not too chunky.

With IP68 water and dust resistance, Gorilla Glass Victus 2 on the front and Gorilla Glass Victus on the back, the Xperia 1 VI is relatively hardy, though there's no pre-fitted screen protector or case in the box.

There's a 3.5mm headphone jack, a SIM tray that you can pop out with a fingernail, and front speakers, so Sony fans shouldn't feel totally snubbed by





the move to a wider screen. The inclusion of an SD card slot is also a unicorn in 2024 flagships.

The screen is a 6.5-inch Full HD panel with a resolution of 1080 x 2340, and a pixel density of 396 pixels per inch (PPI). The Xperia 1 VI's screen is as sharp as it needs to be for comfortable gaming, watching, reading and messaging. With a 1-120Hz variable refresh rate, the 1 VI looks smooth, packs great viewing angles and there are plenty of customisation options.

The phone's speakers also impress in the real world with front-firing sound – great for gaming when holding the phone sideways. In true Sony style, audio is clearly a focus.

Cool customer

Powered by a Snapdragon 8 Gen 3 chipset with 12GB RAM, the Xperia 1 VI is plenty powerful. Being the first Sony phone with a vapour chamber cooling system and the only current-gen flagship with front-firing speakers, gamers might gravitate towards it. Older Sony phones have been known to overheat, while more recent options like the 1 V have throttled aggressively to keep heat

down. The Xperia 1 VI strikes a better balance of performance and heat.

The 5000mAh capacity cell is unchanged compared to the Xperia 1 V, but longevity is improved, likely owing to the move to a Full HD display. The phone will last two days with modest use, and will easily keep you connected for a full typical day.

Sony has recycled the main 48MP and ultra-wide 12MP cameras from the Xperia 1 V for a second innings, but the upgrade this year is to the zoom camera. This is the first phone with Sony's continuous zoom tech that's actually good at zooming. More than just punching in on a subject, it's also great at macro photography. As a point-and-shoot phone, the 1 VI is limited, but enthusiast photographers will be able to flex with the phone's extensive pro features.

Footage captured on the phone looks great. Resolution options climb up to 4K 120fps across all four cameras – which is impressive for fans of slow-motion video – and the phone records HDR video too. Feed the phone bright environments, and the new zoom lens really showcases what it can do, but when the lights drop, only the

You can capture 4K video at up to 120fps when using macro mode

main camera can hold its own without too much tinkering.

While Sony has mainstreamed aspects of the Xperia 1 VI and seriously improved the battery and zoom camera, the 1 VI is still a niche phone. This is mainly owing to its price now that its screen is a little less stretched than its predecessors.

If you specifically want front-firing speakers, a headphone jack, extensive manual photography control without heavy-handed AI photo processing, and incredible macro photos and videos, then it's a solid choice. For most, however, there are better value alternatives out there that are even more mainstream than Sony's most mainstream flagship in recent years.

T3

VERDICT

WE'RE IMPRESSED Powerful audio; impressive macro camera; great gaming performance; good battery life.

WE'D IMPROVE Pricey; slow charging; mediocre point-and-shoot camera.

THE LAST WORD Sony's made a great 2024 flagship, with standout features, though costing more than an iPhone 15 Pro Max, the Xperia 1 VI remains a niche option.

★★★★★

Find great deals for the Sony Xperia 1 VI at: bit.ly/t3xp1vi

THE ALTERNATIVES

REDMAGIC 9 PRO

Costing around half the price of the Sony Xperia 1 VI, Redmagic's 9 Pro offers fantastic gaming performance with premium specs in all the right places, at the right price. So if gaming is your main thing, then it's certainly worth considering. £579, redmagic.gg



GOOGLE PIXEL 8 PRO

A better point-and-shoot Android camera phone, than the Xperia 1 VI, the Pixel 8 Pro is ideal when you want your snapper to make all the decisions for you. It's also not as expensive as Sony's flagship. £999, google.com





SHOW AND GO

Apollo Go

Performance, practicality and some cool features that set it apart

Apollo's Go electric scooter is impressive on both the design and features front, with plenty that sets it apart from rivals in the electric two-wheeler marketplace. It comes with everything needed to get going, and it's really easy to assemble.

The Apollo Go is fully foldable at the base of the handlebar stem. When it's not packed away, it's 1245mm high, 1180mm long and 520mm wide. The deck length is 550mm, and the deck width is a generous 160mm. It's got a decent ground clearance of 148mm, too, while the height of the deck itself is 215mm. Fold it up, and this e-scooter is just 580mm high. It weighs 46 lbs but can be lifted quite easily, thanks to a little handle incorporated into the rear of the deck.

In terms of durability, the Apollo Go Electric e-scooter should also last a few years. At its core is a high-grade aluminium frame complimented by 9-inch air-filled tyres, which feature self-healing capability if you run over something sharp. Added comfort comes from a front spring and a dual rear spring, while the rubber footpad also softens the ride a little. The Go can handle riders up to 265 lbs.

Up on the handlebars, the layout of the controls is such that power, mode, thumb throttle and brake lever all fall easily to hand. In the centre, there's a blue LED display, which is sizeable and, therefore, easy to read, although it does suffer from some reflection in bright sunlight. There's also the option of using the supporting app for controls instead.

There's a bright strip light running up to the handlebars, which makes the Apollo Go very easy to see, while a strip taillight and brake light

is similarly visible. Rounding it out are turn signal indicators at each end of the hand grips.

One of the strongest aspects of the Apollo Go is its power. There are twin 350W motors, one for each wheel, which means it's potent even when you push off. It can reach 27 miles per hour, and thanks to the smooth, linear delivery of power and impressive suspension, it always feels nicely planted across a diverse range of surfaces.

Apollo states the scooter should be good for up to 44 miles using the eco mode, although day-to-day use should give you around 20 to 30 miles from the 36V battery. A full charge takes around 7.5 hours. Of those modes, eco keeps the battery going the longest, allowing travel up to 9mph. Normal mode offers up to 18mph, and Sport is capable of 27mph, as mentioned.

It's a good all-around selection, and the app is useful for setting your preferred mode and customising the amount of brake regeneration. Much like electric cars, each time you apply the brake, energy is channelled back into the battery, which theoretically helps to keep your battery topped up.

Not only has the Apollo Go got all the fundamentals - power, handling, comfort and range - covered, it's also got all of the little details sorted, too, like a fold-down stand and a bell, as well as lights and indicators. Add it all together, and this is an easy, though not inconsiderate, purchase for anyone needing a daily rider. Dual motors, great build quality and lots of comfort appeal make it a great option.

£1,200
apolloscooters.co

T3

VERDICT

WE'RE IMPRESSED Excellent ride and handling; decent range makes it practical; regenerative brakes extends this further.

WE'D IMPROVE Folding latch is quite stiff to undo; average charging time; high price tag.

THE LAST WORD A lightweight and easy to set up e-scooter that offers a decent range. Perfect for daily commuting, charge it overnight and use the app to enhance your experience.

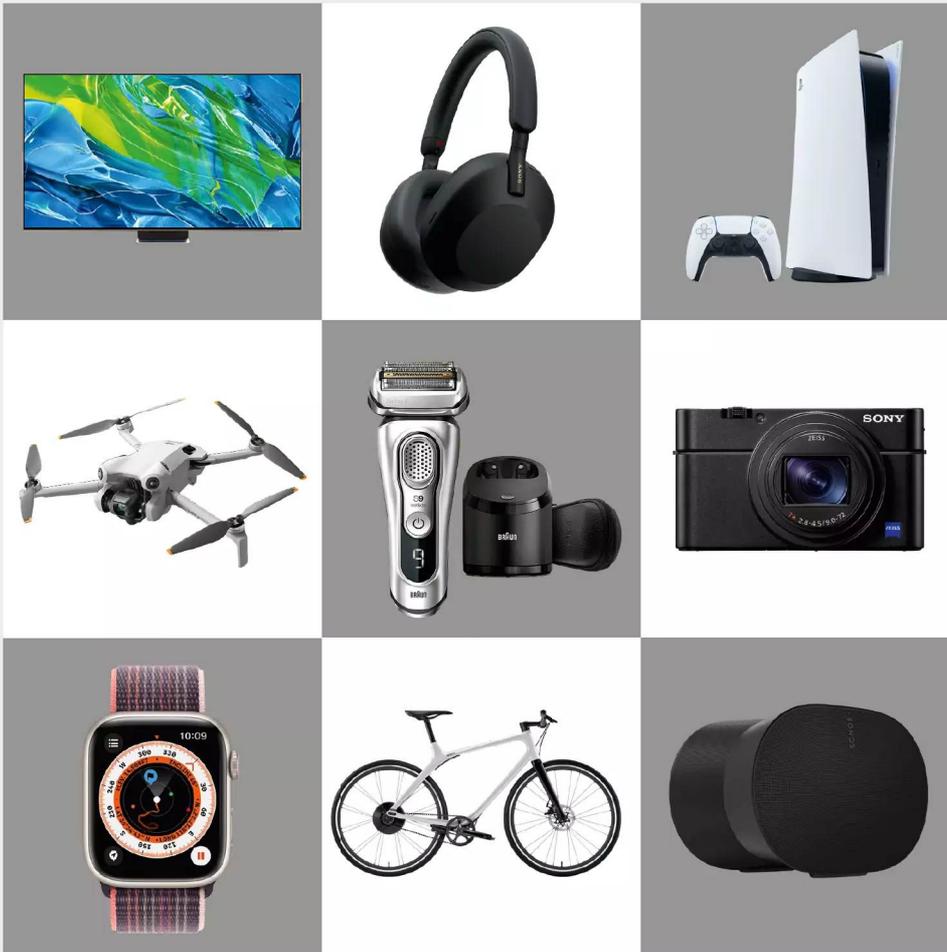
★★★★☆

Find great deals on the Apollo Go at: bit.ly/t3appgo



BEST OF THE BEST

The world's best tech, all in one place



If you're looking for the very best tech available today, you've definitely come to the right place.

Best of the Best is the most useful gadget-buying guide you will ever encounter. To create it, we've extensively tested the best tech the world has to offer, to bring you rock-solid recommendations for your home life, daily commute and the tech you use all the time.

In 54 different categories, we've chosen the top four products, so you can choose one that's just the

right mix of features and budget for what you need. These rankings come from real testing by our team of experts – they're the products we'd choose for ourselves, and we can't recommend any higher than that.

Look for the links above each category that take you to the same list (plus more beyond the top four, and many more categories) at [T3.com](https://t3.com), where our price comparison system shows you the current best deals for every product.

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SMARTPHONES

Find the lowest prices at: t3.com/bestphone

APPLE iPhone 15 Pro Max

From **£1,199**, apple.com



The iPhone 15 Pro Max continues to push what is possible from a smartphone. It's lighter and stronger than ever, boasts a better camera array, and has USB-C charging for the first time.

SAMSUNG GALAXY S24 ULTRA

From **£1,349**, samsung.com



Samsung's biggest and best flagship now has a flat-panel display that is also finished in a more rugged titanium. Plus there are a host of new AI features to take on Apple and Google.

GOOGLE PIXEL 7 PRO

From **£849**, store.google.com



Google's 2022 flagship features astounding cameras that deliver great results. Google's second-gen Tensor processor is also super fast, and crunches through tasks with ease.

NOTHING PHONE (2)

From **£579**, nothing.tech



The Nothing Phone (2) is comfortable to use, with a distinctive design. It improves over the first-gen phone in battery life and screen quality, and adds a dollop of fun with features such as Glyph lights.



CHEAP SMARTPHONES

Find the lowest prices at: t3.com/bestcheapphone

APPLE iPhone SE (2022)

From **£419**, apple.com



A near-flagship iPhone for a fraction of the cost. The SE delivers cutting-edge innards, with a superb camera and a speedy A15 CPU, all wrapped in a nice small-scale design that's easy to pocket.

ONEPLUS NORD CE 2

From **£299**, oneplus.com



Based on the Nord 2, but cheaper, OnePlus gets all the fundamentals right. Anyone on a budget who wants a small, light phone with decent battery life and a good display will be happy.

MOTO G31

From **£169**, motorola.co.uk



Offering long battery life and a bright 6.4-inch display, the G31's lower-end processor may mean less-than-perfect performance at times, but you can still casually game and take successful snaps with the cameras.

SAMSUNG GALAXY A53 5G

From **£399**, samsung.com



The A53 looks like an S-series, and features an enormous 6.5-inch Super AMOLED display with 120Hz refresh rate, but skimps on performance a bit in order to slash the price tag.



SMARTWATCHES

Find the lowest prices at: t3.com/bestsmartwatch

APPLE WATCH SERIES 9

From **£399**, apple.com



The Apple Watch Series 9 provides the best smartwatch experience today. There might be some with longer battery life or more features, but we've yet to see one that can surpass Apple's platform.

SAMSUNG GALAXY WATCH 6

From **£289**, samsung.com



There is a lot to love about the Samsung Galaxy Watch 6. The smartwatch looks stunning and radiates quality, not to mention the IP68 rating that ensures longevity and some extra durability.

APPLE WATCH SE 2

From **£219**, apple.com



The corners Apple had to cut to keep the price of the Apple Watch SE 2 at an affordable level are more than forgivable. We'd recommend it to people who prefer to get their money's worth and seek value.

GOOGLE PIXEL WATCH 2

From **£339**, store.google.com



The Pixel Watch 2 is on the right track to catch up with the Apple Watch. The form factor is on point, and thankfully, Wear OS isn't a pain to use anymore, thanks to the fast processors.



HYBRID SMARTWATCHES

Find the lowest prices at:
t3.com/besthybrid

WITHINGS SCANWATCH

£280, withings.com



A hybrid smartwatch with advanced health features for people who don't like smartwatches. It offers heart health features and sports tracking, but looks like an ordinary analogue watch at first glance.

GARMIN VIVOMOVE HR PREMIUM

£250, garmin.com



One of the most comprehensive hybrid watches you can buy, with a wide range of fitness- and health-tracking features, a subtle touchscreen digital display, and several different colours to pick from.

KRONABY SEKEL

£219, kronaby.com



This 41mm watch keeps its smarts under a traditional face, strap and buttons. Its battery lasts up to two years, there's a vibration motor for notifications and alarms, and of course a daily step count.

FREDERIQUE CONSTANT HOROLOGICAL SMARTWATCH

£910, frederiqueconstant.co.uk



This pricey hybrid comes from a Swiss maker with the design and quality you would expect. An MMT-285 quartz movement sits inside a 42mm stainless steel case protected by a sapphire crystal.



WATCHES

Find the lowest prices at:
t3.com/bestwatch

AUDEMARS PIGUET ROYAL OAK CHRONOGRAPH

£21,500, audemarspiguet.com



We love Audemars Piguet's simple stainless steel model with a blue Grand Tapisserie pattern dial. It features a self-winding manufacture calibre 2385 movement with a 40-hour power reserve.

BAMFORD LONDON MAYFAIR DATE

£500, bamfordlondon.com



The Bamford Mayfair Date is dependable and has the added benefit of being waterproof to 10ATM, making it a great accessory for outdoor activities whilst remaining cool and stylish.

BAUME SMALL SECONDS

£430, baume-et-mercier.com



Baume uses sustainable and recycled materials where possible, and its elegant watches are fully customisable, with over 2,000 permutations achievable on an online configurator.

BELL & ROSS BR03-92 NIGHTLUM

£2,300, goldsmiths.co.uk



No complicated bells and whistles here; the BR03-92 has its roots in aviation, a heritage the folks at B&R have clearly channelled into the BR03's straightforward, seconds-minutes-hours-date design.



WATCHES UNDER £1,000

Find the lowest prices at:
t3.com/bestwatchunder1k

CHRISTOPHER WARD C60 SAPPHIRE

From £850, christopherward.com



Striking, bold designs really set this British brand apart from its more conventional Swiss rivals. The best example of this is the C60 Sapphire, which features a see-through dial made from sapphire crystal.

VICTORINOX I.N.O.X

From £459, victorinox.com



Having undergone 130 durability tests, this watch will stand up to anything you throw at it. The paracord strap hints at its adventurous heritage, and it's great for all wrist sizes.

HAMILTON KHAKI FIELD

From £395, hamiltonwatch.com



This is a faithful recreation of its original 1960s forebear and is true to Hamilton's military heritage. The 38mm stainless steel case is paired with a durable Nato strap.

TISSOT SEASTAR 1000

£695, tissotwatches.com



This Swiss-made watch has an automatic self-winding movement with a date complication at six o'clock. With its classic dive watch design, this is a must-have timepiece for any collection.

TVs

Find the lowest prices at: t3.com/besttv

SAMSUNG S95C

From **£2,399**, samsung.com



A top quality TV that represents remarkable value for money, with awesome picture quality, a comprehensive smart system and extensive gaming features. Still no Dolby Vision support though.

LG OLED C2

From **£1,400**, lg.com



The best OLED TV for most people, delivering great 4K HDR picture quality at a great price point. With HDMI 2.1 ports and variable refresh rate support, it's a top choice for gamers too.

PHILIPS OLED 937

From **£3,199**, philips.com



OLED, Ambilight, and great sound? It is possible. If you absolutely must have the best fully integrated TV on the market then, well, this is the answer. Support for gaming is very reasonable, too.

SAMSUNG QN95B

£2,399, samsung.com



A Quantum Dot mini-LED TV with Shape Adaptive Light Control making for particularly punchy HDR content. It boasts the best Neo QLED performance we've seen in a stylish, slim design.

TVs UNDER £1,000

Find the lowest prices at: t3.com/besttv1000

SAMSUNG BU8500

£459, samsung.com



A 4K LED TV with impressive specs and picture quality that will have you thinking it costs a lot more than it does. With its Crystal 4K processing technology, your content is going to look super-sharp.

SAMSUNG QE55Q80A

£999, samsung.com



This well-specced 55-inch set from Samsung gives enormous bang for your buck, balancing superb image quality with plenty of extra features. Bright and colourful, it acquires itself excellently.

SKY GLASS

From **£156/year**, sky.com



The Sky Glass is a 4K QLED TV with a decent display that's easy to set up and, most importantly, you don't need to drop a chunk of cash on it to buy – it can be bought as part of your monthly Sky package.

SAMSUNG 43QN90A

£999, samsung.com



A Neo QLED panel, using a mini-LED backlight, creates images that are much brighter than a lot of the competition, this 43-incher delivers a remarkably cinematic picture. It also handles motion well.

PROJECTORS

Find the lowest prices at: t3.com/bestprojector

OPTOMA CINEMAX P2

£1,999, optoma.co.uk



This second-gen ultra-short throw projector delivers a fantastic 4K viewing experience overall. Image quality is superb, and you can get a 120-inch picture with the projector placed around a metre from the wall.

BENQ TK850

£1,499, benq.com



A brilliant buy if you want 4K big-screen sports, but don't particularly want to dim all the lights. Its motion smoothing is highly effective, so onscreen action looks wonderfully naturalistic.

BENQ TK700STI

£1,299, benq.com



This 4K projector is smartly geared up for gaming, with a low input lag (16ms at 4K 60fps), with movies and TV catered for via a hidden Google TV stick, and an impressively short throw of 2m.

VIEWSONIC M2 MOBILE STUDIO

£599, viewsonic.com



The perfect 1080p option for big-screen fun and games. It requires next to no warm up, runs cool and is maintenance free. Images are sharp and detailed, and colour performance is similarly outstanding.



GAMING TVs

Find the lowest prices at:
t3.com/bestgamingtv

SAMSUNG QN95C

£2,399, samsung.com



Samsung's 2023 flagship 4K TV – and it shows. You get extremely bright HDR performance, but new light-shaping tech means more fine control of local dimming for really dark shadows.

LG C3

£1,399, lg.com



With no fewer than four HDMI 2.1 ports, you'll be able to get all of the 4K/120Hz, VRR and ALLM goodness you want as a gamer. We like the brightness of the screen too, and a new processor keeps things responsive.

HISENSE A6G

£279, hisense.co.uk



The A6G features HDR10+ and Dolby Vision HDR, and supports VRR and ALLM on all three HDMI 2.1 inputs. You get eARC, Wi-Fi, USB, Ethernet, CI Card and RF too. Even composite video.

SAMSUNG Q80B

£1,299, samsung.com



A solid choice that won't break the bank. Apart from on the 50-inch version, all four HDMI 2.1 ports support 4K 120Hz, with ALLM, Nvidia G-Sync and FreeSync Premium Pro, so you're well covered.



GAMES CONSOLES

Find the lowest prices at:
t3.com/gaming

PLAYSTATION 5

£449, playstation.com



The big, bold PS5 offers powerful hardware, backwards compatibility, an excellent controller with haptic feedback and stunning graphics. It's home to the pricey PS VR2 virtual reality headset too.

MICROSOFT XBOX SERIES X

£450, xbox.com



Microsoft has nailed it. This is a console that delivers massive amounts of power and performance. Because of its raw pixel-pushing prowess, it's a superb base for a new generation of jaw-dropping experiences.

NINTENDO SWITCH OLED

£310, nintendo.com



How easily you can switch between playing on your TV to gaming on the go hasn't changed. What has changed is that bigger, brighter screen; it makes handheld gaming much more enjoyable.

MICROSOFT XBOX SERIES S

£250, xbox.com



Stylish, affordable, easy to set up and taps into the very slick Xbox ecosystem seamlessly. It does have limited storage space out of the box though, and can't play current or previous gen games on disc.



SOUNDBARS

Find the lowest prices at:
t3.com/bestsoundbar

SAMSUNG HW-Q990C

£1,599, samsung.com



Samsung's 2023 flagship delivers over 600W of power from 22 different speakers. The system comprises a soundbar, a beefy subwoofer, and two small rear speaker units in an 11.1.4 channel configuration.

SONOS BEAM 2

£449, sonos.com



A superb soundbar that's small enough to fit under even a 32-inch TV but big enough to fill your room with brilliant sound. This version adds Dolby Atmos, and improved on-board processing.

YAMAHA SR-C20A

£229, uk.yamaha.com



Looking for a decent cheap soundbar? Your search has ended. Despite the soundbar only being 26cm in length, the sound has really impressive width and stereo positioning. Dynamic range is good too.

PHILIPS FIDELIO FB1

£799, philips.co.uk



If you're looking for a single-box soundbar solution but absolutely want big bass, then the Philips Fidelio FB1 is a great option. Its low-end output makes it a real sell, and it'll be a savvy option for many.



TURNTABLES

Find the lowest prices at: t3.com/bestturntable

PRO-JECT ESSENTIAL III

£250, project-audio.com



Really sounds great for the money, with an expansive and enjoyable sound across a range of genres and volume levels. It also looks very pleasing, in a variety of high gloss finishes.

TECHNICS SL-1200GR

£1,199, technics.com



With rock solid build quality, easy set-up, immense bass, and a hugely exciting and involving sound, this is much more than just a DJ deck. There are few turntables that are more enjoyable to own.

PRO-JECT PRIMARY E

£179, project-audio.com



Pro-ject's entry-level player is the record player stripped down to its most basic form. Everything comes pre-adjusted and pre-installed, so it's ready to go right out of the box with the perfect tracking force.

ELIPSON CHROMA CARBON RIAA BT

£699, elipson.com



Elipson's top-line turntable pulls down a lot of features from the truly high end. You get a super-stiff carbon fibre tone arm and new digital belt drive motor, plus AptX Bluetooth and USB.



STREAMING DACs

Find the lowest prices at: t3.com/bestdac

SONOS PORT

£399, sonos.com



A great streamer, especially if you already own a Sonos speaker. It has an analogue input and output, as well as streaming to any Sonos speaker, so you can plug in your turntable.

YAMAHA WXAD-10

£120, yamaha.co.uk



This Yamaha lets you stream everything from Bluetooth to hi-res audio, with support for AirPlay, most of your favourite streaming services and, of course Yamaha's own MusicCast.

IFI XDS

£399, ifi-audio.com



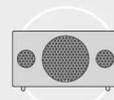
This dinky little combined Bluetooth receiver, DAC and headphone amp supports AAC and aptX and sounds really superb. It has a battery, and can be used with earphones as well as speakers.

AUDIOLAB 6000N

£449, audiolab.co.uk



Probably impractical if you don't have a hi-fi stack, but with support for audio up to 192Khz/24-bit, its sound quality is noticeably better than the Sonos and Yamaha streamers further up the list.



MULTI-ROOM SPEAKERS

Find the lowest prices at: t3.com/bestmultiroom

SONOS ERA 300

£449, sonos.co.uk



The latest Sonos Era 300 premium smart speaker is hugely impressive, delivering bigger sound than you'd expect from its diminutive size. The best wireless speaker money can buy right now.

BOWERS & WILKINS ZEPPELIN

£699, bowerswilkins.com



Streams pretty much everything, and borrows some technology from the kind of hi-fi gear where if you have to ask the price, you can't afford it. By audiophile standards, this is cheap.

SONOS ONE SL

£179, sonos.co.uk



In terms of the sound quality, this really impresses with detail and clarity across the whole range, and how well balanced it is for treble and mid-range especially. You can get two for stereo, but one works fine.

BLUESOUND PULSE M

£449, bluesound.com



Treat it to the quality of content it demands and this is a very rewarding listen. You can buy smarter speakers than this for less money – but it's safe to say they won't sound as big or as accomplished.



BLUETOOTH SPEAKERS

Find the lowest prices at:
t3.com/bestbluetooth

BANG & OLUFSEN
BEOSOUND A1 V2

£239, bang-olufsen.com



If you want a full, punchy sound that's fairly expansive, and that doesn't crush when going loud, then this is the place to start. It's also an object of desire, and is available in a great range of colours.

ULTIMATE EARS WONDERBOOM 3

£90, ultimateears.com



A straight-up Bluetooth speaker that can be paired with another either in stereo or dual mono. Clearly meant to be taken to wherever the party is, it's also fully waterproof – in fact, it even floats.

BOSE PORTABLE SMART SPEAKER

£379, bose.co.uk



One of the best portable speakers money can buy. Connect it to Wi-Fi for Alexa or Google Assistant functionality, or use it over Bluetooth, for powerful, accurate, 360-degree sound.

JBL FLIP 6

£129, uk.jbl.com



This speaker is small enough to chuck in your bag with space left over. It's now fully dustproof as well as waterproof. Battery life is average, with about 12 hours of music, but that's not bad for this price.



BLUETOOTH HEADPHONES

Find the lowest prices at:
t3.com/bestwireless

SONY WH-1000XM5

£379, sony.co.uk



These headphones boast an unbeaten suite of features and audio quality. The sound is dynamic and full, offering rich bass and bright, clear treble. The active noise cancellation is impressive too.

BOWERS & WILKINS PX8

£469, bowerswilkins.com



Yes, they're pricey, but if you want luxe materials and finish, plus hours of comfortable wear and top-flight hi-res codec support, then there's little else that can compare at any price point.

BOSE QUIETCOMFORT ULTRA

£449, bose.co.uk



Not only ultimate at audio, but their active noise cancelling is unrivalled – it's actually even more powerful than the Sony above. There's also a fantastic spatial audio feature to enhance sound.

BOSE QUIETCOMFORT 45

£319, bose.co.uk



These Bose folding cans have some of the very best noise cancelling, and are exceptionally comfortable. You get great sound, a handy app and an array of mics for excellent call quality too.



TRUE WIRELESS EARBUDS

Find the lowest prices at:
t3.com/besttruewireless

SONY WF-1000XM4

£199, sony.co.uk



Sony's top-end true wireless buds are a master of all trades: while you might find slightly better sound elsewhere, no other manufacturer has managed to generate a combination as winning as this.

NOTHING EAR (2)

£100, nothing.tech



These affordable in-ears offer a genuine knockout product. ANC earbuds don't come more complete than this, with excellent sound quality, a top-notch app interface and great battery life.

APPLE AIRPODS PRO 2

£229, apple.com



A top choice for iPhone owners. Not only do they have handy automatic pairing and switching, but they've also got wireless charging functionality, as well as handy IPX4 water resistance.

BOSE QUIETCOMFORT ULTRA EARBUDS

£299, bose.co.uk



Expensive, but these sit in scarce company. Complete with a top-notch app, you'll find exceptional noise cancelling properties and a listening experience that doesn't fatigue on long sessions.



NOISE-CANCELLING HEADPHONES

Find the lowest prices at:
t3.com/bestnoisecancelling

SONY WH-1000XM5

£379, sony.co.uk



These wireless headphones with multiple microphone noise cancelling keep out high and mid frequency noises, while the Auto NC Optimizer adjusts to wearing conditions and the environment.

BOSE QUIETCOMFORT ULTRA

£449, bose.co.uk



Headphones are about listening to music and these Bose headphones are not only great at that, their noise cancelling is unrivalled. They are particularly good for blocking out the outside world.

BOSE QUIETCOMFORT ULTRA EARBUDS

£299, bose.co.uk



Pricier than many of their competitors, but if blocking out extraneous noise to the extreme is your goal then these are the in-ear market leaders. The audio is up there with the best, too.

JBL TUNE 660NC

£58, uk.jbl.com



The Tune 660NC combine excellent noise-cancelling capabilities with a weighty, punchy sound, so there's no chance of the outside world distracting you. These are an excellent budget buy.



WIRED IN-EAR HEADPHONES

Find the lowest prices at:
t3.com/bestinear

MEZE AUDIO RAI SOLO

£179, mezeaudio.com



With a single-driver design capable of excellent dynamic range, these can pull from a deep well of bass as well as shimmering treble. A well-priced, unfussy and great-sounding pair of headphones.

AUDEZE EUCLID

£1,099, audeze.com



Superior audiophile-grade earphones. If used with a suitable source the bass is substantial, but the midrange is so spacious and so convincing that every listen seems like an event.

FLARE AUDIO FLARES JET 3

£49, flareaudio.com



Maintaining the quality of the Flares Pro but removing the DAC element, the Flares Jet 3 manage to slash the price of a great pair of audiophile in-ear headphones. These are tremendous.

SENNHEISER IE600

£699, sennheiser-hearing.com



These premium wired buds add a fresh twist of ingenuity with a unique 3D-printed in-ear design. The single driver arrangement is pure joy for your ears, too, delivering ultra-detailed audio across a large soundstage.

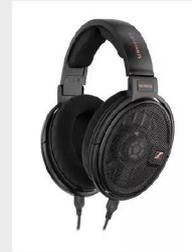


WIRED OVER-EAR HEADPHONES

Find the lowest prices at:
t3.com/bestoverear

SENNHEISER HD660 S2

£489, sennheiser.com



If you want a big, robust and opulently detailed sound from light, comfortable and properly constructed headphones, you need to give these your complete attention – and really good sources.

MARK LEVINSON NO. 5909

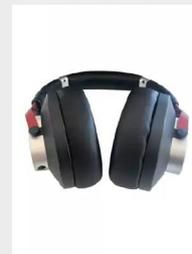
£999, marklevinson.com



A hugely impressive audio experience, with everything slotted together with care and precision. If you have the budget to be able to consider them, we don't think you'll be disappointed with what you get.

AUSTRIAN AUDIO HI-X15

£99, austrian.audio



Detailed, unfussy and thoroughly engaging audio with convincing tonality and extensive dynamic headroom. These are inexpensive but comfortable headphones, which means you get a lot of bang for your buck.

GRADO GS3000X STATEMENT

£2,195, gradolabs.com



If you want exquisite and uncompromising looks – which others may call 'uncompromising' – then Grado's super-premium and wood-finished open-back headphones are hard to beat.



LAPTOPS

Find the lowest prices at:
t3.com/bestlaptop

APPLE MACBOOK AIR (M2, 2022)

£1,249, apple.com



Apple's cheapest laptop is a revolution. Think thin and light laptops have to sacrifice power? Not any more. This is the best of all worlds, with an M2 CPU as powerful as those in gaming PCs.

DELL XPS 13 PLUS

From £1,299, dell.com



With great Intel processors and up to 32GB of RAM, this is a portable PC that's going to be able to handle everything that you throw at it. You'll find the Dell XPS 13 Plus a highly capable laptop.

ACER SWIFT 3

From £699, acer.com



An affordable machine, but with plenty of oomph, the Swift 3 packs 12th-gen Intel CPUs, HD screens, and up to 1TB of SSD storage, with a spare slot for upgrades. It's a lot for your money.

HP SPECTRE X360 14

From £1,250, hp.com



Alongside its funky foldy hinged design, the keyboard is superb, the screen is bright and clear, and it's a genuinely good-looking machine with great ergonomics and strong security to boot.



2-IN-1 LAPTOPS

Find the lowest prices at:
t3.com/best2in1

ASUS ZENBOOK FLIP 13

£800, asus.com



The Zenbook Flip 13 might be the best laptop Asus has ever released. Tooled up with an 11th-gen Intel Core processor, the tablet mode feels great to use, thanks to a responsive touchscreen.

DELL XPS 13 2-IN-1

From £1,249, dell.com



Very appealing looks, superb specs... what's not to like? As usual with Dell devices, a variety of configurations is available. All of them are very capable, very versatile, and very well designed.

MICROSOFT SURFACE GO 2

From £399, microsoft.com



Microsoft's 2-in-1s have been a huge success, and this new model adds a premium-feeling design and a small specs bump, plus a bigger screen, into the same size as the original Surface Go.

HP ELITE DRAGONFLY G2

£2,003, hp.com



A seriously impressive laptop – it's faster, more premium and even nicer to use than the first generation of the PC, the HP Elite Dragonfly, and that's saying something. Versatile and transportable.



TABLETS

Find the lowest prices at:
t3.com/besttablet

APPLE IPAD AIR (2022)

From £569, apple.com



A seriously powerful piece of kit, the iPad Air (2022) features Apple's M1 chipset, and the upgrade really shows. You can pretty much do anything and everything on this incredible tablet. It's just right.

APPLE IPAD 10.2 (2021)

From £319, apple.com



The cheapest full-size Apple tablet has evolved in some really useful ways. The storage options have been increased to 64GB or 256GB, while the processor has been boosted to the zippy A13 Bionic.

SAMSUNG GALAXY TAB S6 LITE

£299, samsung.com



Though not quite as powerful as others in the range, this is a strong yet affordable offering. It comes with an S Pen, which makes it great for sketching in addition to watching your favourite content.

GOOGLE PIXEL TABLET

From £599, store.google.com



Unlike other tablets on this list, Google's flagship comes with a dock, so you can mount the tablet or wherever you wish. It's ideal as a home hub-style device that can be picked up by the whole family.



GAMING LAPTOPS

Find the lowest prices at: t3.com/bestgaming

ALIENWARE M16

From **£1,699**, dell.com



The Alienware M16 is the best choice for most people. It can hold its own against the worst any game has to offer, even managing to play *Doom: Eternal* on its most demanding settings at 240FPS.

MSI RAIDER GE 78 HX

£3,795, msi.com



This is a machine that is extra in all of the best ways. It's expensive, but with a 17-inch display, powerful graphics chip, and a great many RGB lights, the Raider is very fast and extremely capable.

ASUS ROG ZEPHYRUS G14

From **£1,699**, asus.com



A game-changer that delivers buckets of performance despite being compact and light. It does this thanks to its use of AMD's hot Ryzen CPUs and Nvidia's RTX 2060 GPU.

ACER PREDATOR HELIOS 16

£1,699, acer.com



A nice balance between looking like a fun gaming machine with RGB lights and just a nice smart laptop. The casing is almost all plastic, which is a shame, but does keep the cost and weight down.



GAMING HEADSETS

Find the lowest prices at: t3.com/bestheadset

ASUS ROG DELTA S

£189, asus.com



This is an impressive piece of kit, delivering an excellent audio experience for PS4 and PS5. A USB-C dongle makes it quick to set up and means it will also work with a PC, Nintendo Switch or Android phone.

TURTLE BEACH STEALTH PRO

£280, uk.turtlebeach.com



They don't come cheap but we challenge you to find a better-sounding gaming headset. The immense noise cancelling helps absolutely immerse yourself in the game and play undisturbed.

TRUST THIAN

£60, trust.com



This headset gives you great audio quality in return for not much money at all compared to many of the other options on this list. Setup is an absolute breeze no matter what device you're using.

SKULLCANDY PLYR

£130, skullcandy.co.uk



Sounding great for music and movies as well as games, the PLYR has a plethora of wired and wireless connection options to choose from and a decidedly funky aesthetic that might not be to all tastes.



4K MONITORS

Find the lowest prices at: t3.com/best4kmonitor

LG 27GP950-B

£799, lg.com



This 27-inch 4K monitor comes with a stunning list of top-end specs, such as HDMI 2.1 and 144Hz refresh rate, making it ideal for gamers. It all adds up to a screen experience that's one of the best available.

DELL U2723QE

£899, dell.com



This 'Ultrasharp' monitor is a great do-it-all option. It combines a 27-inch panel with the features of a USB-C hub, so is ideal to use as a laptop screen whilst simultaneously powering it.

AOC U27P2CA

£320, aoc.com



A great choice for a home office setup, where you need a screen to be rock solid in terms of its computing and colour output. It also comes in at a very reasonable price, which always helps.

APPLE STUDIO DISPLAY

From **£1,499**, apple.com



Apple's own Studio Display is an undeniable looker, complete with 5K resolution. The only downside here is that it's 60Hz, but as the best monitor for Apple users it's an obvious high-end pick.



DRONES

Find the lowest prices at:
t3.com/bestdrone

DJI MINI 4 PRO

£698, dji.com



Many features tip the scale in favour of the DJI Mini 4 Pro. It's a sub-250g drone that's a joy to fly, with a host of manoeuvres pre-loaded. Plus, it has a gorgeous camera, which really sets it apart from others.

DJI MAVIC 3 CLASSIC

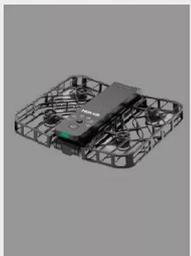
£1,399, dji.com



The Mavic 3 Classic looks identical to the older Mavic 3 apart from one crucial aspect: it has just one camera. It's a 20MP Four Thirds type sensor fronted by a 24mm-equivalent lens, and is excellent.

HOVERAIR X1

From **£382, thehover.com**



The first pocket-sized 2.7K camera-equipped drone to not require a hand controller at any time, although it also works in conjunction with an app for further functionality. Great for selfies.

DJI AVATA 2

£429, dji.com



The DJI Avata 2 sets a new standard for firstperson flying with its immersive, intuitive controls. It allows users to perform flips and drifts effortlessly, delivering stunning aerial footage. It's also exceptional value.



ACTION CAMERAS

Find the lowest prices at:
t3.com/bestactioncam

GOPRO HERO 12 BLACK

£399, gopro.com



"In a league of its own," says our review. This new model is an iteration, not a reimagination, but it's a good iteration and one that everyone interested in action cams should be excited about.

INSTA360 X3

£459, insta360.com



Not a generational leap over its predecessor, but still the best small 360 action cam on the market: rugged, waterproof, easy-to-use and packed with features to capture striking 360 shots.

GOPRO HERO 11 BLACK

£349, gopro.com



A new, larger sensor delivers the highest resolution, greatest colour depth, highest level of video stabilisation and widest field of view ever featured in a Hero camera. You get good battery life too.

INSTA360 ONE RS

£280, insta360.com



The Insta360 One RS takes a different tack to GoPro, with an ultra-flexible modular design that's super fun to play around with. We were incredibly impressed with the build and image quality.



CHEAP ACTION CAMERAS

Find the lowest prices at:
t3.com/bestcheapaction

GOPRO HERO7 WHITE

£296, gopro.com



The wallet-friendly Hero7 White borrows premium features from the Hero7 Black. Ideal for part-time adrenaline junkies needing a simple HD camera that shoots YouTube-ready footage.

AKASO BRAVE 7 LE

£149, akasotech.com



The Brave 7 LE fits nicely in the palm of your hand. While its headline feature is a front-facing screen, it also sports a number of features only usually found on fancier models.

AKASO BRAVE 7

£149, akasotech.com



Able to record 4K at 30fps (the image stabilisation isn't up to much, however). It's waterproof to 10m, has a 2-inch rear touchscreen, and comes with a remote as well as supporting voice controls.

OLFI ONE.FIVE BLACK (2ND GEN)

£149, olficamera.com



A bulging bag of bangs for a relatively small number of bucks. It can shoot in 4K, take 15MP photos, is waterproof to 30m, can record at 120fps, and has a wealth of other premium features.

DSLR CAMERAS

Find the lowest prices at: t3.com/bestdslr

NIKON D780

£2,299, [nikon.com](https://www.nikon.com)



The D780 is, in many ways, a Nikon Z6 (mirrorless) camera inside a larger DSLR body. Thanks to this, we've got room for dual memory card slots and a lot more direct control dials and buttons.

NIKON D850

£3,499, [nikon.co.uk](https://www.nikon.co.uk)



With a high-resolution 45.4 megapixel sensor, 4K video capture, a 153-point AF system, and a sturdy body, you'll never be disappointed with what the D850 can create for you.

CANON EOS 90D

£1,249, [canon.co.uk](https://www.canon.co.uk)



A mid-range model that packs a lot of power for its price. You get a 32.5 megapixel sensor, uncropped 4K video recording, and an optical viewfinder that offers a 100% view of the scene.

NIKON D500

£1,699, [nikon.co.uk](https://www.nikon.co.uk)



This solidly built camera is the perfect choice for those who like to shoot a little bit of everything, thanks to a brilliant autofocus system and glorious image quality from its 20MP sensor.

MIRRORLESS CAMERAS

Find the lowest prices at: t3.com/bestmirrorless

CANON EOS R6 MARK II

£2,779, [canon.co.uk](https://www.canon.co.uk)



Canon hits the sweet spot between practicality and price here. It may not be as advanced as flagship cameras, but still offers a lot of the same specs and features for hobbyist photographers.

PANASONIC LUMIX S5 II

£1,999, [panasonic.com](https://www.panasonic.com)



Whether you're a beginner or a photography enthusiast, the Lumix S5 II is a first-rate camera. It's simple to get your head around but still manages to pack in an advanced array of features.

NIKON Z 30

£699, [nikon.co.uk](https://www.nikon.co.uk)



Nikon's smallest MILC yet is aimed at videographers, with no viewfinder or built-in flash. You get 20.9MP in an APS-C sensor, 11fps shooting, 4K video at 30fps, and built-in stereo mics.

FUJIFILM X-H2

£2,499, [fujifilm-x.com](https://www.fujifilm-x.com)



The Fujifilm X-H2 produces impressive results using a smaller APS-C 40MP sensor. You get retro looks and physical buttons and dials as well as its levers and switches – including forward and rear command dials.

COMPACT CAMERAS

Find the lowest prices at: t3.com/bestcompact

SONY RX100 VII

£1,150, [sony.co.uk](https://www.sony.co.uk)



For the best image quality in a pocket-friendly body, look here. The RX100 VII continues to build on Sony's reputation for high-quality premium compacts, and does so without breaking the bank.

FUJIFILM X100V

£1,349, [fujifilm.co.uk](https://www.fujifilm.co.uk)



A beautifully retro design mixed with a host of advanced features, this, like its predecessors, sports a DSLR-sized (APS-C) sensor, which is paired with a 23mm f/2 fixed length lens.

PANASONIC LUMIX ZS100 / TZ100

£449, [panasonic.com](https://www.panasonic.com)



The best budget compact camera manages to pack a lot in. You get 49-point AF with face and eye detection, 10x optical zoom, 10fps burst shooting and the ability to shoot RAW as well as JPEG files.

PANASONIC LUMIX TZ200

£599, [panasonic.com](https://www.panasonic.com)



This might be the ideal travel companion, with a versatile zoom lens up to 15x, and a fantastic one-inch sensor that captures bright, sharp images. It's also stylish and pocket-friendly.



SAT-NAVS

Find the lowest prices at:
t3.com/bestsatnav

TOMTOM GO DISCOVER

From **£239, tomtom.com**



A straightforward navigation device without special features. It is ultimately about utility, not fancy tricks, and there's no doubt TomTom delivers excellent usability here.

GARMIN DRIVESMART 86

£320, garmin.com



Garmin has thrown the kitchen sink at this device, with pretty much every connected feature going beamed to an 8-inch high-resolution display that can be mounted in both portrait or landscape.

TOMTOM GO PREMIUM

£339, tomtom.com



This state-of-the-art sat-nav can share location and arrival time with (Android) contacts, and once the destination has been reached, the Go hands over to the MyDrive app to direct you on foot.

GARMIN DRIVE 55

£170, garmin.com



A sharp 5.5-inch touchscreen that is bright and a lot easier to read than a diminutive smartphone sucker-mounted to a window. It also comes preinstalled with European-wide maps.



DASH CAMS

Find the lowest prices at:
t3.com/bestdashcam

NEXTBASE IQ

£349, nextbase.com



With a forward-facing lens that comes in either 1K, 2K or 4K variants, this dash cam also captures video and sound of the interior of your car, and there's an optional rear-facing camera too.

NEXTBASE 622GW

£269, nextbase.com



This hugely popular dash cam from Nextbase boasts much-improved video quality, improved stabilisation and the inclusion of some rather clever What3Words geolocation services.

GARMIN DASH CAM 66W

£199, garmin.com



This fantastic little cam earns its place on this list with good image quality, extra features including GPS and speed camera warnings, and an attractive design. Video is 1440p, in a 180° angle.

THINKWARE F800 PRO

£249, thinkware.com



With an almost invisible design, time-lapse recording and a great night mode, this is a good stealthy option if you're worried more about vandalism or theft than your fellow drivers.



ELECTRIC BIKES

Find the lowest prices at:
t3.com/bestebike

GOGORO EEYO 1

£3,999, eeyo.uk



The Gogoro Eeyo 1 has dazzling looks and performs admirably. The type of ride you get isn't going to be for everyone, but it's really worth investigating if you fancy an ebike that makes a statement.

HONBIKE UNI4

£1,699, honbike.com



A perfect daily rider, offering comfort and more than enough power. The quality of the (quirky) design and build is excellent, which is even more impressive when you look at the cost of buying this bike.

BROMPTON ELECTRIC P LINE EXPLORE 12-SPEED

£3,895, brompton.com



This electric folding bike merges compactness and performance with a sleek folding design and 12-speed derailleur setup. It's suitable for urban commutes and leisure rides alike.

RAD POWER BIKES RADWAGON 4

£1,999, radpowerbikes.co.uk



A cracking (not so) little cargo bike that'll do the legwork for you. With the right accessories, and thanks to its 158kg payload, it can handle anything from school runs to weekly shopping excursions.

SMART SPEAKERS

Find the lowest prices at: t3.com/bestsmart

AMAZON ECHO SHOW 10

£239, amazon.co.uk



The most comprehensive Alexa smart speaker to date, capable of doing lots, and with a unique trick: its large screen rotates to follow you around the room, so that you can always see it clearly.

AMAZON ECHO SHOW 15

£239 (without stand), amazon.co.uk



Amazon's biggest smart display can be mounted on the wall or on a stand. The 15-inch HD screen looks fantastic, and the brand new Alexa widgets, make this the most useful smart display yet.

GOOGLE NEST HUB MAX

£219, store.google.com



Winner of our 2020 T3 award as the best smart speaker for doing absolutely everything. You get a crisp 10-inch screen, a speaker that can fill a room, a front camera and of course Google Assistant.

SONOS ERA 300

£449, sonos.com



This Sonos smart speaker sounds absolutely incredible. It's on the pricier side, but you're getting plenty for your money. The difference Dolby Atmos sound makes is something you have to hear to believe.

SMART BULBS

Find the lowest prices at: t3.com/bestbulb

PHILIPS HUE

From £69, philips-hue.com



Hue dominates the smart lighting sector for good reason: it's a superb system with the widest range of bulbs and a simple, useful app. Rivals may be cheaper but they can't compete with Hue's variety.

LIFX

From £15, lifx.com



If you fancy a Hue system but don't want to spend so much, LIFX has a strong product range and integrates with your favourite personal digital assistant. Philips still wins, but only just.

NANOLEAF ESSENTIALS

From £18, nanoleaf.me



A line of bargain-priced bulbs and light strips that support Thread, an upcoming protocol a bit like Zigbee. We love the faceted look, but they're only available in E27 or B22 fittings.

IKEA TRÅDFRI

From £13, ikea.com



Ikea's Zigbee-compatible system doesn't have the range of Hue, but if you prize control over colour options it's stellar value for money and has some great controllers and dimmers.

SMART THERMOSTATS

Find the lowest prices at: t3.com/bestthermostat

NEST THERMOSTAT E

£180, nest.com/uk



This cheaper Nest model doesn't fit as much information on its screen and doesn't feel as premium, but that's it. Same algorithm, same Alexa and Google Home compatibility.

TADO SMART THERMOSTAT

From £179, tado.com



Tado is very sociable: it works with 95% of the systems out there. It's flexible, clever and supports a wide range of accessories too. Price cuts have made it even more enticing.

NEST LEARNING THERMOSTAT

£219, store.google.com



This smart-looking third-gen Learning Thermostat is able to monitor your habits and control the heating. There's also an activity sensor which adjusts the heating if it detects someone's home.

HIVE ACTIVE HEATING 2

£139, [johnlewis](https://johnlewis.com)



Hive is developed by British Gas but you don't have to be a British Gas customer to use it. The system is simple to use, and the app features location tracking so it can warm your home when you're nearby.



SMART PLUGS

Find the lowest prices at:
t3.com/bestplug

TP-LINK KASA MINI KP115

£21, kasasmart.com



A reliable smart plug that doesn't include energy monitoring, but it's happy to work with Alexa, Google Home and Bixby. The TP-Link Kasa app is also much improved on recent generations.

HIVE ACTIVE PLUG

£39, hivehome.com



Similar to Belkin, Hive's plug can turn sockets on/off via your phone, and create schedules. It also works with Alexa. You need a Hive Hub (£80) to use the Active Plug, though.

TP-LINK KASA SMART WI-FI POWER STRIP KP303

£30, kasasmart.com



With three smart outlets, each with independent control, as well as a pair of USB ports for charging and power, the Kasa Smart Wi-Fi Power Strip KP303 delivers plenty of flexibility.

AMAZON SMART PLUG

£25, amazon.co.uk



Designed to be used with Alexa, this plug can be controlled using voice commands or through the Alexa app. If you use the Google Assistant, or if you have Apple HomeKit, you'll want to look elsewhere.



SECURITY CAMERAS

Find the lowest prices at:
t3.com/bestsecurity

EUFY S220 SOLOCAM

£110, eufy.com



The Eufy S220 SoloCam is an excellent security camera with a bunch of features, a reasonable price and no subscription. Plus if you get enough sunshine, you can run it via solar power.

ARLO PRO 4

£219, arlo.com



The Arlo Pro offers 2K HDR video, full weatherproofing, a 160-degree viewing angle, and even colour night vision. It also connects directly to your home Wi-Fi so you don't need a separate hub.

IMOU CELL GO

£43, imoulife.com



A remarkable little camera. A fully smarted 2K indoor/outdoor camera with 2K night vision, IP65 weather resistance, 4GB of storage, a built-in siren and one of the longest running batteries we've seen.

ARLO ESSENTIAL SPOTLIGHT CAMERA

£130, arlo.com



Arlo's standalone camera connects directly to your Wi-Fi but still manages to provide person, package and animal detection, two-way communication, colour night vision and a spotlight.



ROBOT VACUUMS

Find the lowest prices at:
t3.com/bestrobotvac

ROBOROCK S8 PRO ULTRA

Around £1,500, global.roborock.com



When you send the S8 Pro Ultra into battle it cleans your home, vacuuming and mopping at the same time. Then it comes back to base, ejects the dust and debris, and then cleans itself. Brilliant stuff.

iROBOT ROOMBA COMBO J9+

£1,249, irobot.co.uk



This 2-in-1 Combo version of the J9+ has a self-emptying Clean Base and onboard water tank for automatic refilling of the robot's mop reservoir. Expensive, but an exceptional cleaning performer.

SWITCHBOT MINI ROBOT VACUUM K10+

£500, uk.switch-bot.com



A pint-sized robot vacuum cleaner with self-emptying bin, full LiDAR navigation, customisable mapping via the excellent SwitchBot app and very decent suction for its size. Well built and rather brilliant.

iROBOT ROOMBA J7+

£899, irobot.co.uk



The smartest-looking charging dock-cum-collection-bin in the business. Ingeniously, the J7 identifies obstacles and avoids them when necessary, sending its owner images it has taken of any obstacles.



CORDLESS VACUUMS

Find the lowest prices at: t3.com/bestcordlessvac

DYSON V15 DETECT ABSOLUTE

£600, dyson.co.uk



Refined and improved across all surfaces but the real headline feature is the addition of a headlight: a laser mounted at an angle on the front of the hard-floor head that reveals a horrific amount of dirt.

GTECH AIRRAM PLATINUM

£350, gtech.co.uk



If you find stick vacs ungainly, this is the vac for you. The floor bears the weight of the motor and bin so you just need to push and pull. It also makes short work of all types of flooring, even deep pile carpet.

ULTENIC U12 VESLA

£180, ultenic.com



Despite its inability to stand up alone, and its battery level not being the greatest in the world, this is an excellent value vacuum cleaner. It has powerful suction, LED lighting and a futuristic display screen on offer.

DYSON GEN5DETECT

£1,200, dyson.co.uk



Looking for the most powerful cordless vacuum cleaner? Stop right here. The Gen5 is Dyson's most advanced model, its largest, heaviest and most technologically equipped. It's also its most expensive model.



WASHING MACHINES

Find the lowest prices at: t3.com/bestwashing

MIELE WEG 365

£1,199, miele.co.uk



You pay a premium for a Miele but you can expect it to last longer and clean better than one half the price. It also offers detergent auto-dosing, an excellent 20-minute cycle and great performance.

BOSCH SERIE 4 WAN28281GB

£500, bosch-home.co.uk



A great fit for a family of four, the Serie 4 is capable and quiet, with settings for shirts, sportswear, wool and silk. Its SpeedPerfect program can cut the time spent washing by up to 65%.

BOSCH SERIE 6 WAU28PH9GB

£698, bosch-home.co.uk



A larger capacity, and a larger price, than the Serie 4 above, this model comes with a full gamut of washing programs, a rapid 1,400rpm spin speed, low operating noise, and works with the Bosch app.

HISENSE WFQY1014EVJM

£349, hisense.com



Well priced, spacious, easy to operate... there are a lot of reasons to choose this washing machine, and it's no surprise to see the appliance earning rave reviews from satisfied customers.



DISHWASHERS

Find the lowest prices at: t3.com/bestdishwasher

BOSCH SERIE 6 SMS6EDW02G

£739, bosch-home.co.uk



This best-selling 60cm freestanding Bosch has space for 13 place settings and includes Wi-Fi, five programs, automatic door opening, two cutlery holders and a decent Class C energy certificate.

SIEMENS IQ500 SN95ZX61CG

£1,059, siemens-home.com



A sterling integrated machine from a high-end brand, the iQ500 has no door handle and comes with an excellent feature set, including an aquaSensor that monitors the amount of dirt in the water.

MIELE G7110 SC

£1,199, miele.co.uk



Economical, easy to use, and controlled from your smartphone, the G7110 SC comes with automatic detergent dispersal for up to 20 loads, and has a quick power wash cycle.

LG TRUESTEAM QUADWASH DF455HMS

£750, lg.com



A striking 14-placer available integrated or free-standing. It has an assortment of tech, including four washing arms instead of the usual two, dual zone washing, and automatic door opening to help dry.



COFFEE MACHINES

Find the lowest prices at:
t3.com/bestcoffee

SAGE BARISTA TOUCH IMPRESS

£1,199, sageappliances.com



Launched in 2023, this innovative bean to cup machine is hard to beat. With multiple drinks to choose from, the Sage Barista Touch Impress easily tackles all manner of caffeinated drinks.

DE'LONGHI RIVELIA

£749, delonghi.com



An expensive machine, but one that adds a touch of luxury with its wide array of impressive features. It comes with interchangeable hoppers, and also tailors each coffee to up to four users.

JURA E8

£1,195, jura.com



The E8 makes great coffee at the press of a button – and offers more than a dozen options. And while fully auto machines used to be notorious for their weak coffee, this knocks it out of the park every time.

BEEM ESPRESSO GRIND PROFESSION

£500, beam.co.uk



A commercial company's first consumer machine, this is easy to use, customisable in a number of ways and it makes blooming excellent espressos that never fail to delight the palate.



FRIDGES

Find the lowest prices at:
t3.com/bestfridge

SIEMENS IQ300 KS36V VIEPG

£849, siemens.com



If you need plenty of space for your fresh groceries, this sizeable fridge has ample storage. What's more, the Super Cooling technology reduces its temperature to +2 °C. Frosty.

HISENSE RR220D4ABF RETRO FRIDGE

£192, ao.com



For those after a stylish, retro fridge that won't break the bank, this is a great option. It also comes with plenty of space and convenient features like Auto Defrost and an adjustable thermostat.

KENWOOD KUL55X20 UNDERCOUNTER FRIDGE

£159, currys.co.uk



Have a compact kitchen? This could be your answer. With its 133-litre capacity, this is sufficient enough to accommodate all your fresh grocery needs. And despite its small stature, it doesn't compromise in style.

SMEG FAB10LRD5

£1,099, ao.com



Smeg are the cool cats of the appliance world. If you have a compact space, this comes with sufficient room for all your groceries. As with most Smeg gadgets, expect to pay a premium though.



OVENS

Find the lowest prices at:
t3.com/bestoven

NEFF N 70 B57CR22N0B

£789, neff.co.uk



The unique Slide and Hide door is brilliant, the touchscreen is handy and the oven's no slouch: it enables you to cook multiple dishes without that unfortunate cross-contamination from strong flavours.

BOSCH SERIE 6 MBA5575SOB

£1,349, bosch-home.co.uk



A premium double oven with automatic cooking programs and a built-in meat probe for roasting the perfect medium-rare beef below while a golden apple pie bakes in the top oven.

ZANUSSI FANCOOK ZKCNA4X1

£518, zanussi.co.uk



A double oven with plenty of cooking capacity, with an extra-fast grill and a perforated air-fry tray for the perfect oven chips. It's a breeze to use, and is available for something of a bargain price.

MIELE H7164BP

£1,389, appliancesdirect.co.uk



Reliable and easy to operate, this model comes with plenty of features that are going to appeal – like its Moisture Plus tech for getting perfect 'bake off' results. You can even control it from your phone.

ELECTRIC SHAVERS

Find the lowest prices at: t3.com/bestshaver

BRAUN SERIES 9 9390CC

£250, braun.com



Given that the trend is to shave less nowadays, we recommend the Braun Series 9 foil shaver over Philips' almost equally impressive efforts. It is slightly better on longer stubble.

PHILIPS SERIES 9000 PRESTIGE

£300, philips.co.uk



The second best shaver has a silly RRP (£430!) but is available for around £300. It's good for sensitive skin, mows long stubble and is really close to the shave you get from traditional razors.

BRAUN SERIES 7 70-N7200CC

£165, braun.com



This new offering from Braun, with three foil heads, is an absolute cracker in every respect. It shaves as close as a wet razor, only in half the time. And that's no exaggeration.

PANASONIC ES LV95

£149, panasonic.co.uk



Deploying a ridiculous array of five blades, this is a wet-and-dry winner. The pivoting head and quick-lift foil help make shaving smooth and almost enjoyable, particularly if you have a few days' growth.

ELECTRIC TOOTHBRUSHES

Find the lowest prices at: t3.com/besttoothbrush

PHILIPS SONICARE 9900 PRESTIGE

£300, philips.co.uk



Philips' most advanced electric toothbrush yet, it features SenseIQ technology. It senses pressure, motion and coverage up to 100 times per second, adapting the intensity if you brush too hard.

ORAL-B PRO 2 2500

£35, oralb.co.uk



This only has two cleaning modes and no 'smart' functionality to speak of, but ask yourself... do you really care? It has a timer, pressure sensor, and excellent rotary cleaning.

PHILIPS SONICARE 6100 PROTECTIVECLEAN

£125, philips.co.uk



Offering the current best blend of features and price in the Sonicare range, this brush doesn't pile on too many pointless cleaning modes – just the self-explanatory 'clean' and 'white' plus a 'gum care' mode.

ORAL-B IO9

£500, oralb.co.uk



The RRP for the iO Series 9 is ridiculous, but you can get it for less, and it is brilliant at actually cleaning your teeth, plus it's also very stylish, with a colour touchscreen and a tooth-tracking monitoring system.

BEARD TRIMMERS

Find the lowest prices at: t3.com/besttrimmer

PHILIPS BT9000 PRESTIGE

£120, philips.co.uk



The classiest looking beard trimmer we've ever clapped eyes on, it offers an equally classy shave. Designed primarily for neater beard-scaping, it whips away whiskers without any snags or pulls.

BRAUN BEARD TRIMMER BT3040

£28, braun.com



If you're looking for a good all-rounder to keep your beard looking its best, this is well worth a look: with two combs and precision length settings you get 39 different options to play with.

BRAUN BEARD TRIMMER 7

£65, braun.com



This trimmer feels like good value for money, earning it a place on this list. Small, light and easy to use, its tough blades shave cleanly. Battery life is solid, and the unit is waterproof enough for easy rinsing.

PHILIPS ONEBLADE PRO

£50, philips.co.uk



The best trimmer for those with sensitive skin, this uses innovative OneBlade technology. It's good for both your face and your downstairs, although you may wish to change heads in between.



FITNESS TRACKERS

Find the lowest prices at:
t3.com/bestfitness

FITBIT SENSE 2

£269, fitbit.com



An excellent health smartwatch and the best fitness tracker money can buy. It has a new stress tracking system, a more user-friendly interface, a physical button, and the same handsome design.

WHOOP 4.0

From £18 a month, whoop.com



An excellent fitness tracker for those who train hard and want to know when to slow down. Although the membership costs can stack up, it can help you hit the optimal balance between rest and workouts.

FITBIT CHARGE 5

£169, fitbit.com



A decent update over the Charge 4, and the AMOLED screen is very handsome. It's comfortable to wear, and the overall user experience is also great, but it's as expensive as some running watches.

HUAWEI BAND 7

£50, huawei.com



Worth your attention for its huge screen and long battery life, the Band 7 shows small refinements over the Band 6. It's accurate, attractive, functional, and jam-packed with useful features.



RUNNING WATCHES

Find the lowest prices at:
t3.com/bestrunningwatch

GARMIN FORERUNNER 165

£249, garmin.com



With its AMOLED touchscreen display, single-band GPS and various training features, its lightweight design, accurate tracking, and reasonable price make it a compelling choice for runners.

COROS PACE 3

£219, coros.com



A terrific smartwatch for runners that offers upgraded sensors and tons of performance and recovery features for not a lot of money. It's more than accurate enough for training, and easy to use.

GARMIN FORERUNNER 255S

£299, garmin.com



With its new triathlon mode, this is now a full-fledged triathlon watch. And the smallest of those, too, enabling those with small wrists to access pro workout features and heart-rate variability tracking.

APPLE WATCH SERIES 8

From £419, apple.com



The Apple Watch now offers personalised Heart Rate Zones, and a Race Route feature, which notes the routes you run or cycle most often and lets you set goals. The only downside is the battery life.



RUNNING HEADPHONES

Find the lowest prices at:
t3.com/bestrunningphones

JABRA ELITE 8 ACTIVE

£200, jabra.co.uk



The premier choice for fitness enthusiasts seeking top-notch earbuds. Engineered with durability in mind, these buds feature an IP68 rating and are tested against sweat, water and the elements.

SENNHEISER MOMENTUM SPORT

£280, sennheiser-hearing.com



These combine exceptional sound with fitness tracking capabilities, courtesy of Polar sensors. The waterproof buds offer unmatched comfort and a user-friendly app to enhance your workouts.

BEATS FIT PRO

£199, beatsbydre.com



These combine easy and intuitive pairing and controls, excellent sound quality and phenomenal active noise cancellation. The Fit Pro also have a sublime build quality and fit: no losing these at the gym.

CLEER ARC II SPORT

£199, cleeraudio.com



As far as open-ear workout headphones go, the Cleer ARC II Sport is pretty much perfect. It offers long battery life, crisp sound, a comfortable yet secure fit, and an IPX5 rating to go with excellent sound.

T3

LUXURIES

Exclusive gifts to
seriously spoil yourself



KITH & TAYLORMADE FOR GARIA VIA 2+2

If the walking around part of golf doesn't appeal, then get your driver to pick up one of these. It's a four-person buggy that's street legal in the US and capable of 25mph. With a fridge integrated into the dashboard, an optional Bluetooth sound system with subwoofer, double cupholders and a place to put your (golf) balls, it begins to look like something of a party wagon. Each vehicle is made to order, and you might need to get in quick as availability only lasts until the end of July.
\$35,000, eu.kith.com

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