



TRENDING

Apple Vision Pro review

Apple MacBook Air 13-inch (M3) review

Samsung

When you purchase through links on our site, we may earn an affiliate commission. [Here's how it works.](#)

Phones > iPhone

iPhone 6 Plus teardown confirms 1GB of RAM and more

News By [Matt Hanson](#) published September 19, 2014

And a battery that's almost double that of the 5S



It's time to get into the nitty gritty

When you first get your hands on the much sought after [iPhone 6](#) and



Not only would the process be fiddly and come with a good chance that you might irreparably break something, but it would also void your warranty.

However the intrepid folk over at [iFixit](#) have no such qualms about getting out the toolbox and taking apart both versions of the latest iPhone.

Sponsored Links

Amazon's Worst Nightmare: Thousands Canceling Prime for This Clever Hack

Online Shopping Tools

Whilst some may baulk at the prospect of taking apart their shiny new iPhones, there's a lot to be learned from such endeavours.

LATEST VIDEOS FROM TECHRADAR



Apple can be notoriously cagey about releasing detailed specifications about its hardware, so sometimes taking apart its devices can give us a better idea of the technology inside.

Advertisement

To avoid damaging the phones you can't just go at them with regular tools. Luckily the team at iFixit have a number of specialised devices, such as a screwdriver for the iPhone's rather uncommon Pentalobe screws, and the iSlack tool which carefully removes the front face and screen.

What's inside?

Upon opening the iPhone 6, the team at iFixit noticed how similar the layout was to the [iPhone 5S](#), with a clean routing of the Touch ID sensor cable making it safer to open (and therefore easier to repair) than the [iPhone 5](#).

Get daily insight, inspiration and deals in your inbox

Get the hottest deals available in your inbox plus news, reviews, opinion, analysis and more from the TechRadar team.

SIGN ME UP

☐ Contact me with news and offers from other Future brands



By opening the case iFixit got a better look at the batteries inside the new iPhones, with the iPhone 6 Plus having a battery rated at 3.82V with 11.1 Wh of energy, coming to a total of 2915mAh, nearly double the 1560mAh capacity of the iPhone 5S.

For comparison, the iPhone 6's battery is 6.91 Wh with a 1810mAh capacity.

As the iFixit team delved deeper into the iPhone 6 they were able to confirm that the iPhone 6 and iPhone 6 Plus have 1GB of RAM. While this was widely assumed, it was never officially confirmed by Apple.

Head over to the [iFixit](#) for a more detailed breakdown of the iPhone 6 and iPhone 6 Plus. The results are fascinating, with perhaps the biggest reveal being that Apple has worked hard to make the insides of the new iPhones neater, making them easier to repair if needs be.

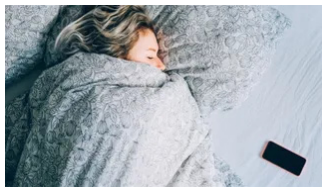
Apple iPhone 6 & 6 Plus Review



- [iPhone 6](#): the TechRadar verdict

Matt is TechRadar's Managing Editor for Core Tech, looking after computing and mobile technology. Having written for a number of publications such as PC Plus, PC Format, T3 and Linux Format, there's no aspect of technology that Matt isn't passionate about, especially computing and PC gaming. Ever since he got an Amiga A500+ for Christmas in 1991, he's loved using (and playing on) computers, and will talk endlessly about how The Secret of Monkey Island is the best game ever made.

MORE ABOUT IPHONE



Some iPhone alarms aren't working properly - here's how to make sure yours does ►



Leaked iPhone 16 case models tease bigger sizes for the Pro and Pro Max ►

LATEST



Prime Video movie of the day: Road House is an action-packed remake of the '80s cult classic ►

[SEE MORE LATEST ►](#)

TOPICS

APPLE

Amazon's Worst Nightmare: Thousands Canceling Prime for This Clever Hack

This simple trick can save tons of money on Amazon, but most Prime members are ignoring it.

Online Shopping Tools | Sponsored



The obscure little PC that wanted to be a big NAS — super compact Maiyunda M1 doesn't cost that much, offers up ...

The M1 has four SSD slots hidden on the front

TechRadar

Don't Pay For New Gutters in Denver. Get This 3-In-1 System Instead

Leaf Filter USA | Sponsored

[Learn More](#)

Amazon Hates When You Do This, But They Can't Stop You (It's Genius)

This simple trick can save tons of money on Amazon, but most Prime members are ignoring it.

Online Shopping Tools | Sponsored

[Learn More](#)

MOST POPULAR





Some iPhone alarms aren't working properly – here's how to make sure yours does



Disney Plus' restoration of The Beatles' Let It Be documentary looks like a window in time in its first trailer



Windows 11 users, watch out - you're in for an upgrade you can't ignore thanks to mandatory adverts

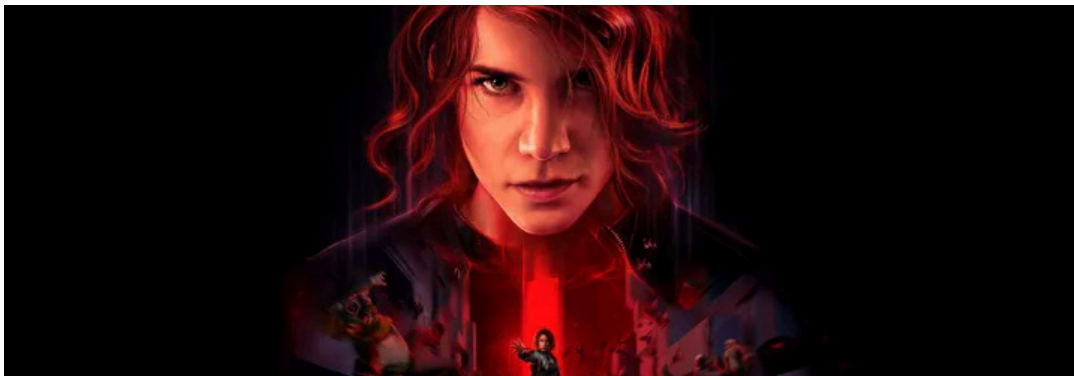




Netflix is working on a live-action Scooby Doo series from the guy behind You and Love, Simon



Hibernating cluster wakes up to map the entire Internet - but what could it be planning?

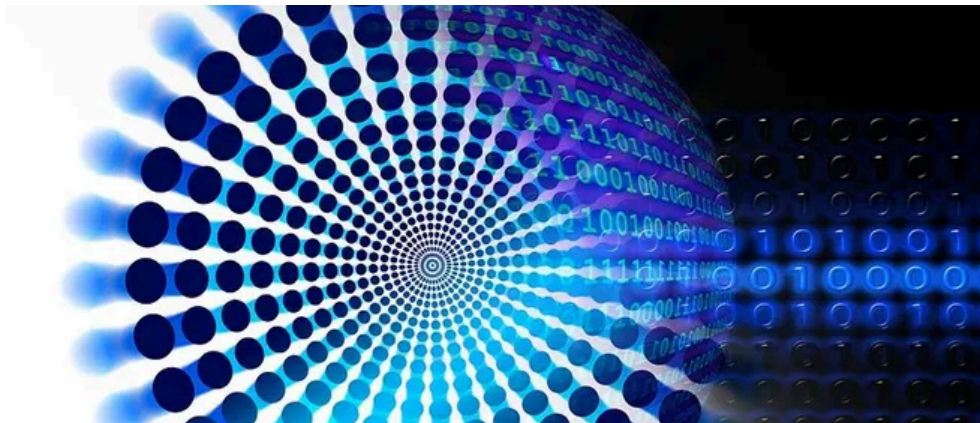


Remedy provides development updates on Control 2, Control multiplayer and Max Payne remakes





Change Helathcare hackers took advantage of Citrix vulnerability to break in, CEO says



The problem with data loss is you!



Newfound flexibility for data migration to and from any cloud provider





Beats reveals cheaper Solo Buds earbuds, plus Beats Solo 4 headphones with Spatial Audio and 50-hour battery life



SteelSeries unveils a new white aesthetic for its Arctis Nova Pro line - and it's about as beautiful as gaming headsets can get

MOST POPULAR

MOST SHARED

1 **2PB SSD storage in your computer? Why not — storage firm debuts tech that can support up to 32 drives, perfect if you want to use 61.44TB Solidigm SSDs or even bigger PCIe 5.0 ones in the future**

2 **Manor Lords already feels like it has all the ingredients of a superb strategy game - but one**



3 So what if OpenAI Sora didn't create the mind-blowing Balloon Head video without assistance – I still think it's incredible

4 'A game of chicken': Samsung set to launch new storage chip that could make 100TB SSDs mainstream — 430-layer NAND will leapfrog competition as race for NAND supremacy heats up

5 NYT Strands today — hints, answers and spangram for Monday, April 29 (game #57)

TechRadar is part of Future US Inc, an international media group and leading digital publisher. **Visit our corporate site.**

[About Us](#)

[Contact Future's experts](#)

[Contact Us](#)

[Terms and conditions](#)

[Privacy policy](#)

[Cookies policy](#)

[Advertise with us](#)

[Web notifications](#)

[Accessibility Statement](#)

[Careers](#)

[Do not sell or share my personal information](#)

© Future US, Inc. Full 7th Floor, 130 West 42nd Street, New York, NY 10036.

