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# OLED

**S**tating that it was Nintendo that paved the way, Valve have just announced the new Steam Deck OLED, which also contains a number of other improvements alongside the larger 7.4-inch display (the original was 7-inch). This new display is reported to be stunning, offering an improved refresh rate of up to 90Hz, a 110% DCI-P3 colour gamut and a peak brightness of 1,000 nits for HDR content. SteamOS has been improved with how it handles the user adjustable frame-rate limiter. There is now just one slider for the target frame-rate and SteamOS sets the display refresh rate accordingly, making it a little less finicky than it was previously where you could choose how to set both individually.

The system features a revised

AMD 'Van Gogh' APU which on a 6nm process (down from 7nm) has been paired with faster 6,400MT/s memory. Whilst it is essentially the same chip as before, the refinements in testing have led to improvements in-game of between 2-9%, which is nothing to be sniffed at. Games are not only looking better on the new device, but also performing better, and on top of these refinements to the APU, the battery capacity has been increased to 50Whr up from 40Whr. These improvements add up to what Valve is stating is a 30-50% longer battery life than the previous model.

Overall, the new Steam Deck is also lighter, despite the larger battery shaving off almost 30g. Most of the savings coming from the lighter and thinner OLED display. Downloads will be up to 3x faster than before

with the inclusion of WiFi 6E, which will also provide a more stable connection.

The previous LCD models are being discontinued with the exception of the 256GB NVMe model, which sees a price reduction. The other models are currently available at a discounted price whilst stocks last and could make a great Christmas gift. The Steam Deck Dock has also been reduced in price to just £69. It's not clear at this time if these savings will come to Australia where Steam Deck is sold through resellers.

The Steam Deck OLED launches mid November starting at £479.00 for the 512GB model and £569.00 for the new 1TB storage option. There is also a limited edition model coming to the US and Canada only which features red accents and a transparent chassis which is pictured.



It's no big secret that Sony manufacture a large amount of sensors across the camera industry and their latest sensor is debuting in the new Sony Alpha 9 III and it is a game changer. It is the world's first camera to feature a full-frame sensor with a 'Global Shutter' and for sports or wildlife photographers in particular, this is a camera that could solve a major problem they encounter when using very fast electronic shutter speeds: 'rolling shutter'.

Typical sensors record information sequentially from the top to the bottom row of pixels. At higher electronic shutter speeds this can create distortion, particularly if the camera is moving when taking the shot. Subjects appear to be visibly bending as the sensor recorded the picture. It is particularly unpleasant to look at and solving this means shots that were previously much more difficult to get will be considerably easier. A max shutter speed of 1/80,000 second or 1/16,000 second in continuous shooting without the worry of rolling shutter is a real game changer for

professional photographers! This enhances video too so users will be able to shoot video from fast moving vehicles. For the first time in an Alpha, the camera will be able to shoot in 4K/120fps high-frame-rate video without cropping. Video can be shot in S-Cinetone, a system developed for professional grade video production for natural skin tones and natural highlights. When shooting in S-Log3, users will be able to display their favourite LUT for seeing how the final production will look. Sony also state the A9 III can shoot up to 120fps with full AF/AE tracking, all blackout free through the camera's 9.44 million-dot OLED Quad XGA EVF.

Sony have built in 5-axis stabilisation, which offers up to 8-stops of stabilisation. This is extended if using compatible lenses with in-built stabilisation.

These are just a few of the advanced features coming to the camera that launches in January 2024 for £6,099.00/ AU\$10,499.00.





**E**arlier this month Apple launched a new 'affordable' Apple Pencil, which features USB-C charging in place of the wireless charging of the second generation, and Lightning of the first. It can also attach magnetically to compatible iPads. It still features the same Pixel-perfect precision, Low latency, and Tilt sensitivity of the 2<sup>nd</sup> gen, but lacks the Pressure sensitivity, and Double-tap for changing tools. To charge the new Pencil, the non-removable cap slides up revealing the USB-C port that can be charged directly from all iPad models equipped with USB-C. When it's magnetically attached, the new Pencil enters a sleep state to conserve its battery.

The Apple Pencil (USB-C) is available now for £79.00/ AU\$139.00).



# RUMOURS



**R**umours have been swirling about a new OLED iPad Pro for a while but industry

analyst Ming-Chi Kuo predicts that a new 12.9-inch iPad Air will be the first product of a full iPad lineup refresh in 2024. It won't feature the same Mini-Led display as the Pro but will benefit from a better backlight than the previous models.

The new iPad Pro is predicted to feature M3 chips and there will be two models. Most likely a 12.9-inch and an 11-inch but mass production could be delayed due to production problems with OLED panels.

He also predicts a new replacement iPad Mini has been delayed until the second half of 2024, the same time he predicts the 11<sup>th</sup> gen iPad will launch. Finally, he predicts the iPad 9<sup>th</sup> gen will go end of life before the end of 2024.

Whilst these are just rumours, it is always worth keeping an eye on, as more often than not, many do come to fruition.



# ON THE CASE

Individual computer components are not usually something we talk about in Market Info, with the exception of CPUs or GPUs, but the new Y70 Touch case from brand Hyte is going down with reviewers quite well. It's easy to see why with that 14.1-inch user configurable LCD touch panel really stealing the show.

The 10-point touch display is high resolution with 1100x3840 (4K) pixels and a refresh rate of 60Hz. Users can modify it using the Hyte Nexus software. The previous model was well received and the Y70 Touch adds a number of refinements over the previous model. It can now hold 4-slot GPUs which seem to grow year on year, and length won't be an issue either. There is now more window surface with the metal strip being reduced in size, and the mounting areas for fans and liquid cooling have been redesigned leaving plenty of room for expansion. The onboard I/O is decently positioned at the front of the case. It features a 3.5mm headphone jack, two USB-A ports and a USB-C.

The case is available to order now in four colours; snow white, white/black, red/black and black for £349.99/AU\$629.00.



# Black Friday Deals

**B**lack Friday is here again and deals are already beginning to drop ahead of one of shopping's busiest days, so let's highlight some of the deals that have popped up prior to the official day.



Amazon are also offering Sony's WF-C500 True Wireless headphones for half price, coming in at £44.99. The earbuds feature a battery life of 20 hours with the supplied charging case and come in black, green, white or orange.



Currys are offering the QE65S90 Samsung OLED with £300 off. A good deal for this 4K Quantum Dot OLED, which features four HDMI 2.1 ports, a 120Hz refresh rate and Bixby and Amazon Alexa voice support.



The Good Guys are offering the iRobot Roomba i3 A\$499.00 down from AU\$999. A huge saving! It works with Google Assistant and Amazon Alexa, a bagless design and automatic charging.



Amazon are currently offering the Echo Show 8 (2<sup>nd</sup> Generation) for just £59.99 down from its usual price of £119.99. It features an 8-inch touchscreen, stereo speakers and a 13MP camera.



John Lewis are offering the Ninja Foodi AF300UK for £169.99, a saving of £50 over its usual RRP. It's a Dual Zone Air Fryer with a capacity of 7.6l, which can cook two different foods at the same time with 6 customisable cooking functions.



Currys are offering the Surface 9 Pro with Signature keyboard for £899.00. It features an i5 processor, a 256GB SSD with 16GB RAM, a 3K Touchscreen and Windows 11.



JB Hifi are offering a great deal on the Google Pixel 8 Pro 5G 256GB. It can be picked up for AU\$1398.00. A saving of AU\$401.00. It features a 6.7-inch 120Hz display, and triple camera array with a 50MP main camera, as well as 48MP ultrawide, and 48 telephoto cameras.



Dyson are selling the Cyclone V10 Absolute for AU\$749.00. A massive saving of AU\$550.00. It features 30% more suction than the previous V8 and 60 minutes of 'fade free' power.