



# 8K TV is here

As we get used to ultra-high definition TV, move over 4K, 8K is here now.

In times of isolation or even if you're hooked on a TV series and are watching the screen for extended periods, the quality of the TV image is important, now that the benchmark definition has increased from 4K, (4,096 by 2,160 pixels) to Ultra HD 8K, (7,680 x 4,320 pixels). For the tech minded, it's the number of pixels along a horizontal axis.

LG's NanoCell and Samsung's Quantum Dot are competing TV screen technologies that both aim to improve the picture quality and overall viewing experience that 4K and 8K TV can offer. Where Samsung's QLED uses quantum dots to boost brightness and colour gamut. LG's NanoCell technology uses a light-absorbing filter that removes unwanted wavelengths of light to offer more-precise colour reproduction.

### Why 8K?

When it comes to TV and visual storytelling,

resolution matters. Whether you are mesmerised by a gorgeous aerial shot of a wild elephant herd or drooling over a close-up of a plated dish, a truly vivid 8K image has a way of leaping off the screen and embedding itself in your mind.

To get the sense of realism from 8K, the number of pixels is important (33 million), but making each pixel appear separate and distinct to the eyes is equally important. LG NanoCell exceeds the Consumer Technology Association's (CTA) definition for 8K TV.

The LG 8K NanoCell TVs cleverly use deep learning algorithms with the a9 Gen3 AI Processor analysing the on-screen images to deliver content that is incredibly immersive. Adjustments are automatic, enhanced for optimum picture and sound, to make every viewing a spectacular one. 2020 LG NanoCell 8K models have LG Cinema HDR, which is LG's umbrella term

for HDR support and includes basic formats like HDR10 and HLG, along with more-premium formats like Dolby Vision and Technicolor Advanced HDR.

### Gaming

HDMI 2.1 also opens up some great features for gaming and result is a smoother, faster gaming experience that avoids the tearing seen when a display's set frame rate does not match the rendering output of the game console.

### Central Hub

With LG Nanocell TV's you can transform your TV into a central hub with intelligent ThinQ AI. With natural voice recognition, LG ThinQ AI allows you to command and control your Home IoT ecosystem. With Google Assistant and Amazon Alexa built-in, LG ThinQ AI makes life so much more convenient.



### THE LIGHTNESS OF BEING

Ultrabooks are getting so light these days that you barely notice the weight either at home or on the road. Mobility is everything and two giants – ASUS (Taiwan) and Huawei (China) are doing battle in this space, getting the best bang for the buck either just above or below the 1kg benchmark.

### The ASUS B9 Expertbook

Housed in a chassis milled from magnesium-lithium alloy this is tougher yet more lightweight than previous magnesium-alloy models. ASUS claim that the new ASUS B9 is the world's lightest business laptop at only 880g. With ultraportable size, fast connectivity, reliable quality and rock-solid security the ASUS B9 uses 10th Gen Intel core processors, fast storage with up to two 1TB SSDs (solid state drives), supporting and seamless connectivity with Intel Wi-Fi 6 and Thunderbolt3 and features a four-sided NanoEdge display with 94 per cent screen-to-body ratio allowing it to fit a 14-inch screen into a compact 13-inch profile. At 14.9mm thin the laptop is easy to carry and offers long-lasting battery life. For enterprise-grade durability ASUS B9 has been tested to harsh US MIL-STD 810G military standards to ensure reliability. The B9 also keeps user data secure with a Trusted Platform Module 2.0 (TPM) security chip and a built-in IR camera for safe biometric login. Take a look at [www.asus.com/au/Laptops/ASUS-ExpertBook-B9450FA/](http://www.asus.com/au/Laptops/ASUS-ExpertBook-B9450FA/)

### Huawei Matebook XPro

Just released and weighing in at 1.33kg with a 3000 x 2000 13.9 inch screen and a fast Intel 10th Gen 10-10510U chipset that will turbo up to 4.9GHz and a long-life battery that will power up to 13 hours of video playback. Equipped with a sensitive touch screen, HUAWEI MateBook X Pro allows you to scroll, zoom, select and interact very efficiently and intuitively. Now you can even swipe down with three fingers to capture the screen.

With just a simple tap your smartphone and HUAWEI MateBook will transform into 'one' super device even without an internet connection. Your phone screen appears on your laptop which allows you to drag and drop files between them and edit the files on your laptop while messaging colleagues on your phone using the same keyboard and mouse. This cross-device collaboration makes life and work easier. The quad speakers and split frequency set-up offers you woofers with a resonant bass and tweeters with clear treble. In addition with quad microphones and intelligent noise reducing function, the environmental noise is effectively filtered, HUAWEI MateBook X Pro can pick up your voice from 4 metres away so Zoom meetings will clearly hear and support you easily. Check it out at <https://consumer.huawei.com/au/laptops/matebook-x-pro-2020/>

Jon Mamonski explains the difference.

Full Array Dimming PRO delivers the best in even image brightness and superior dynamic contrast of all LG LED/LCD TVs. Individually driven backlight zones enhance the dynamic contrast across the screen.

### Add an LG Soundbar

Enjoy a true cinema experience with an LG Soundbar. The 2020 lineup supports Dolby Atmos and DTS:X for dynamic and thoroughly immersive audio. Tailored to your specific room, the AI Room Calibration guarantees more optimized sound by automatically tailoring output to the specific characteristics of the room. When playing content mastered with Dolby Atmos or DTS:X, this technology allows users to enjoy breathtakingly realistic surround sound with audio that appears to originate from multiple directions. What's more, LG's premium soundbars feature an advanced processing algorithm that can upscale

conventional file formats to near-studio quality.

Among LG's new entries in the soundbar category are two CES Innovation Award winners. Premium models SN9YG and SN11RG are recognized for their enhanced sound quality and usability while the flagship model SN11RG is a 7.1.4-channel system complete with two wireless rear speakers that deliver forward- and up-firing sound for 360 degrees of auditory bliss. With sleek, future-proof designs that match perfectly with the minimalist aesthetics of LG's sleek 55- and 65-inch TVs, these stylish soundbars create seamless visual harmony that look splendid in any room.

### Prices

The price for LG 8K Nano95 75 inch is \$5495 and the 4K Nano95 65 inch is \$3795. The SN9YG and SN11RG Soundbars are \$1399 and \$1899 respectively.

**REVIEW**  
STICK VACCUMS

At the recent re-release of Aldi's stick vacuum cleaner, queues formed outside the stores before the 8.30am opening and the complete stock was sold out in 15 minutes. Our Tech Guy Jon Mamonski hits the carpet and examines the new cordless stick vacuum cleaner phenomenon, reviewing the best available.

Imagine a spill in your living room where you would normally pull out your barrel cleaner, plug it into the wall, hook up the nozzle and end piece, switch it on and drag it over to where the mess is. Stop right there. Now imagine unhooking your stick vac from the wall, walking over to the mess, pull the stick vac trigger, vac the mess and return the cleaner to the wall in fraction of the time it used to take – voila, so much quicker. Stick vacs will not replace your barrel vac for hours of spring cleaning, but they are very handy for a quick clean up.

**What you need to know**

Battery life, suction and price matter. Whilst not always the case, the more you pay, the more power and battery life you get. Let's help you find the right balance and best value. By the way, new generation stick vacs use HEPA filters that are a simple way to trap contaminants like pollen, tobacco smoke and viruses.

**Winners**

- Best premium LG CordZero A9 Neo Max \$998
- Best mid-price Roborock H6 \$595
- Best budget Aldi Stick Vac \$99



**ALDI STICK VAC**

At an astonishing \$99, the Aldi Stick Vac rivals stick vacs that costs four times as much. Battery lasts 22-high minutes per charge. Comes with a unique headlight, brush head attachments and wall mount.

- Battery** ★★
- Suction** ★★
- Build** ★★
- Clean/Maintain** ★★
- Price** \$99

**BLACK & DECKER POWERSERIES EXTREME**

This company is better known for handyman tools, but this stick vac is popular. Three speed settings with avg. 35 mins battery and a decent size 650ml dust bin.

- Battery** ★★★
- Suction** ★★★
- Build** ★★★
- Clean/Maintain** ★★★
- Price** \$399

**DYSON V7 ANIMAL ORIGIN**

Entry level V7 is light with good suction and is best on hardwood and tile floors. Battery life – 20 mins. The wall mount also charges the battery and comes with two separate heads.

- Battery** ★★
- Suction** ★★★
- Build** ★★★
- Clean/Maintain** ★★★★★
- Price** \$599

**DYSON V11 ABSOLUTE EXTRA**

This is a Dyson top model with a full suite of accessories and great suction as you would expect at this steep price. There's three levels of power and the battery can last up to 40 mins pending use.

- Battery** ★★★★★
- Suction** ★★★★★
- Build** ★★★★★
- Clean/Maintain** ★★★★★
- Price** \$1199

**ROBOROCK H6**

From major electronics Chinese giant Xiaomi, the Roborock H6 is a light mid-priced stick vac with good suction, a long-lasting lithium polymer battery (up to 50 minutes) with a bevy of attachments and a useful OLED display.

- Battery** ★★★★★
- Suction** ★★★★★
- Build** ★★★★★
- Clean/Maintain** ★★★★★
- Price** \$595

**LG CORDZERO A9 NEO MAX**

Acclaimed maker with Aerospace rapid air flow technology and two batteries totaling avg. 60 mins use. There's a power drive mop and a bevy of crevice tools and attachments with adjustable height telescopic wand and a charging station free standing or wall mounted.

- Battery** ★★★★★
- Suction** ★★★★★
- Build** ★★★★★
- Clean/Maintain** ★★★★★
- Price** \$998

**SAMSUNG JET VS90 COMPLETE**

Averaging 40 mins battery runtime and solid cyclonic suction. Five brush and tool accessories included. Exchangeable batteries are featured with a free-standing charging station.

- Battery** ★★★★★
- Suction** ★★★★★
- Build** ★★★★★
- Clean/Maintain** ★★★★★
- Price** \$1099