

Dell Updates Laptop Range With 8th Gen Core CPUs

Written by Alice Marshall
04 April 2018

The launch of the Intel 8th generation Core laptop processor range brings about a Dell refresh-- including the most powerful Dell XPS and Alienware 17 models, the XPS 15 2-in-1 and the G3 laptop series.



The updated XPS 15 carries the latest Intel 8th gen Core processors, with the entry-level model featuring the Core i5-8300H CPU and integrated graphics. The most advanced models scale up to a Core i9 CPU, GeForce GTX 1050 Ti graphics and a 1TB PCIe NVMe SSD. All feature a 15.6-inch 4K resolution display within a 14-inch chassis, a battery promising up to 12.5 hours of life on a single charge and construction in "premium materials" in several finishes.

The XPS 15 also comes in a 2-in-1 version-- "the most powerful 2-in-1 ever" according to Dell. The XPS 15 2-in-1 features the same 15.6-inch display and 8th gen Intel Core mobile processor, but replaces the Nvidia graphics with an AMD Radeon RX Vega with 4GB HBM. The display is touch-capable, and is compatible with the Dell Premium Active Pen for 4096 pressure sensitivity levels and tilt functionality. Meanwhile the chassis is just 16mm thick, the result of a maglev keyboard design, and features GORE thermal insulation to lower system temperature.



The new Intel processors are also found in the latest versions of the Alienware 15 and 17 gaming laptops. The Alienware 15R4 and 17R5 carry up to 8th gen Intel Core i9 K-series processors together with a range of AMD and Nvidia GPUs, and customers can further boost

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the graphics through the optional Alienware Graphics Amplifier and an external desktop GPU. The display comes up to a an 120Hz TN+WVA 400-nits display designed for Nvidia G-Sync, and the built-in speakers include internal smart-amps.

Construction includes premium materials such as anodised aluminium, magnesium alloy, steel-reinforcements and copper thermal management, and the upgraded Alienware TactX keyboard features n-key rollover support, 2.2mm key travel and a reinforced steel backplate. An improved thermal solution and hinge-forward design keep the machine cool, and built-in RGB LED lighting offers 13 programmable lighting zones.

Customers wanting a lower-end gaming-capable laptop get the G series-- a trio of laptops with discrete Nvidia GPUs and backlit keyboards. the G3 15, G3 17 and G5 15 are powered by Nvidia GeForce GTX 1050 up to 1060 Max-Q discrete GPUs, up to 8th gen Intel Core i7 CPUs, dual fans and dual drives with SSD options.

The XPS 15 and Alienware 15/17 laptops are available from April 2018, with the XPS 15 2-in-1 and G series to follow on May 2018.

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