HP uses Gamescom to reveal what it claims is its "most powerful gaming laptop to date"-- the Omen X, a machine designed for overclocking, with factory-overclocked GPU and memory options, as well as appropriate thermals.



Being aimed at such high performance, the Omen X is a bulky machine. It comes in 15- and 17-inch options (with 4K or 120Hz 1080p display), weighs 5kg and packs high-performance fans and an integrated vapour chamber with four 3.5mm heat pipes pushing heat to four rear corner-mounted radiators. The result should ensure the GPU and CPU remain cool.

Specification options include unlocked Core i7 processors, XMP memory up to DDR4-2800 and factory overclocked GPUs up to GeForce GTX 1080. Storage comes via PCIe SSD in RAID 0 and a 7200 RPM HDD, while other features include mechanical keyboard with RGB lighting, DTS Headphone:X support, USB 3.1 and 3.0 ports, HDMI 2.0a with HDR support, multi-format card reader and a translucent window allowing one to check the laptop internals.

“Esports is one of the fastest growing categories in gaming and we are excited by the popularity of HP’s Omen family of products,” the company says. “With the release of the Omen X Laptop, HP is bringing key innovations to performance, industrial design and customisability that were once only possible on a desktop, to give gamers a competitive edge.”

Go HP Omen X