

## HP Shows Off Gaming at Gamescom

Written by Marco Attard  
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HP takes to Gamescom 2019 in Cologne, Germany, to show off the latest in the Omen product range, such as the Omen X 27 monitor and Mindframe Prime headset, as well the first Pavilion-branded AMD-powered gaming laptop.



As the first AMD CPU gaming laptop from HP, the Pavilion Gaming 15 features up to a Ryzen 7 processor and up to Nvidia GeForce GTX 1660Ti with Max-Q graphics inside an angular black chassis. It also includes a 1080p display with either 144 or 60Hz refresh options, together with dual-fan cooling with a wide rear corner vent and enlarged air inlets to ensure maximum airflow. Wifi 5 connectivity ensures fast internet.

Also in the Pavilion range is an updated Gaming Desktop with a space-space 15L design. It offers expansion slots for up to x3 storage devices and allows customers to upgrade memory, graphics cards, network cards and wifi cards. CPU options include up to 9th gen Intel i7 8-core or 3rd gen AMD Ryzen 7 8-core, while graphics come in the shape of up to Nvidia GeForce RTX 2070 or RTX 2060 SUPER. HP also adds up to 32GB DDR4 memory.

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A desktop PC needs a keyboard, and HP has the Pavilion Gaming Keyboard 800-- with "quiet yet quick" red mechanical switches complete with 100% anti-ghosting with n-key rollover, detachable wrist rest and 4-zone LED lighting with on-the-fly backlit modes. On the display side the company has the HP 22x and 24x gaming monitors featuring 144Hz refresh rate, 1ms response time, AMD Radeon FreeSync compatibility and "high-quality" integrated speakers. The 24x is also G-Sync compatible.

As mentioned earlier, the Omen product range has a couple of Gamescom additions. The X 27 is a 2560 x 1440 resolution display with HDR and DCI P3 90% colour gamut, as well as 240Hz refresh rate, 1ms response time and AMD Radeon FreeSync 2 HDR certification. The design features three micro-edge bezels and the metal stand is fully adjustable.

Meanwhile the Omen Mindframe Prime headset includes active cooling via FrostCap technology. It incorporates passive cooling through a graphite heat spreader inside the enlarged earpads. C-Media Xear technology provides 7.1 surround sound, and environmental noise cancelling (ENC) microphones block out external sound. Users can control the headset through an Audio Lab feature within Omen Command Center software complete with a 10-band equaliser and on/off switches for the 7.1 surround sound and ENC microphones.

All the HP Omen and Pavilion products mentioned are available on Q3 2019.

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