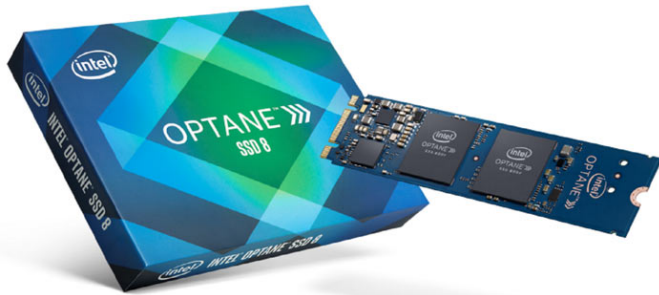


Intel Intros Optane SSD 800P

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14 March 2018

"Mainstream client systems" get a taste of Intel Optane technology with the Optane SSD 800P series, a storage device feature in the M.2 2280 form factor optimised for fast application loading, RAID and fast boot.



Designed for desktop, laptop or NUC use, the 800P devices promise "high throughput, low latency, high quality of service and industry-leading endurance" through the use of 3D XPoint technology. Connectivity comes through the NVMe PCIe 3.0 X2 interface, and Intel says the drives are ideal as a standalone SSD, in a dual-drive setup or in a multiple SSD RAID configuration (PCH- or CPU-based).

Sequential speed reaches up to 1450 MB/s, while sequential read is of 640MB/s. Random read performance is rated at 250000 IOPs, and read is rated at 145000 IOPs. Read latency is maintained at 7 μ s while write latency is maintained at 18 μ s. Power draw clocks at 8mW idle and 3.75W in load states. Endurance rating reaches 365 TBW.

The 800P series storage devices are available now in 58 and 116GB sizes.

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