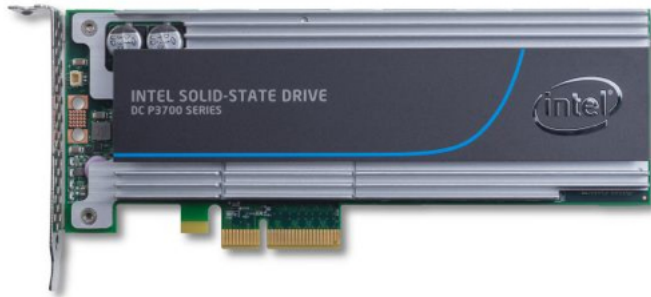


Intel Adds NVMe to PCIe SSDs

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06 June 2014

Intel's Computex 2014 presence involved more than [tablet device processors](#) -- it also saw the company boost its enterprise PCIe SSDs with the addition of Non-Volatile Memory Express (NVMe) technology.



NVMe is a storage interface protocol defining a scalable architecture that "unlocks the potential of PCIe interface SSDs." According to Intel the technology improves throughput by 6x, reduces latencies beyond those of 6Gbps SATA SSDs and increase processor utilisation while scaling capacity and performance.

The first commercial product featuring NVMe technology was a Samsung 1.6TB SSD inside the Dell PowerEdge R920 server.

The Intel PCIe NVMe SSD family currently features 3 product series-- DC P3700 (for write-intensive applications), P3600 (mixed workloads) and P3500 (read-heavy applications). All come in a 2.5-inch form factor and are compatible with Windows and Linux systems running on the latest Intel server platforms, including the upcoming Haswell-based "Grantley" Xeon chips.

Capacities range from 400GB to 2TB.

Go to [Intel SSD Data Centre Family for PCIe Fact Sheet](#)