Intel's Cloud Day event sees the announcement of the first SSDs from the company featuring 3D-NAND technology-- the DC P3520 and P3320 series, enterprise models designed for read-intensive applications.

Optimised for use with the latest Xeon E5-2600 v4 server processors, the SSDs feature a PCIe Gen 3x4 interface and are ideal for cloud and data analytics use. The DC P3320 promises 5x faster performance and up to 3.2x faster business analytics over regular SATA SSDs, while the DC P3520 is the faster option with "significant performance and latency improvements."

The drives are available in a 2.5-inch form factor or as a PCIe 3.0 half-height half-length add-in card, in 450GB, 1.2TB and 2TB capacities.

Also announced at Cloud Day are the DC D3700 and D3600 series-- the first Intel dual-port PCIe SSDs. Designed for mission-critical cloud and storage applications demanding 24/7 accessibility and failover recover, the SSDs feature an active/active dual-port design with simultaneous connection to 2 host systems, a design allowing run-time recovery during failover.

The DC D3700 is available in capacities of 800GB and 1.6TB, while the DC D3600 is available in 1TB and 2TB.

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