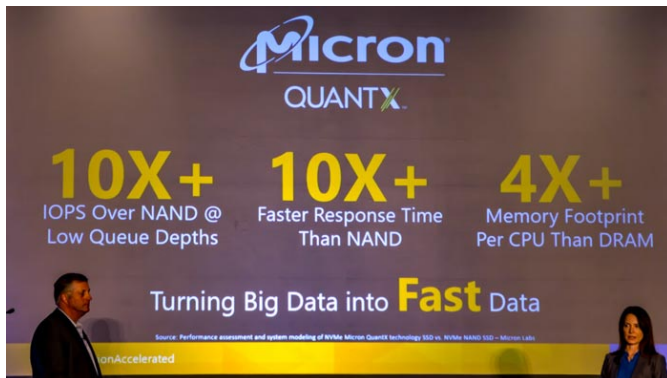


Micron Packs QuantX SSDs With 3D XPoint Memory

Written by Marco Attard
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Micron announces QuantX-- a line of SSDs featuring 3D XPoint non-volatile memory for performance results the company claims are 10 times better than than "the best" NAND flash-based SSDs.



Prototype QuantX models using a PCIe gen 3 interface also show write speeds of less than 20 microseconds and read speeds of 10ms. Access to 4 PCIe channels delivers IOPS reaching 900000, a number an 8-lane PCIe connection boosts to 1.9m IOPS.

"Micron QuantX solutions are expected to perform well for low queue depth workloads and will show noticeable improvement in traversing large graph trees," the company says. "With Micron QuantX products and systems, you bring the workload and we'll bring results!"

Interestingly, while 3D XPoint memory costs around 4-5 times more than flash NAND it costs around half as much as DRAM-- meaning it can represent a DRAM replacement for many enterprise applications.

The first generation of QuantX storage solutions should hit the market around Q2 2017 in capacities ranging from 200GB to 1.6TB.

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