

Violin Launches All-Silicon Storage

Written by Marco Attard
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Violin launches its first all-silicon storage system-- the Violin 6000 Series flash memory arrays.

Describing it as a "Rack in a Box," the company says the 600 series has an 80% reduction in costs per IOPS and a 15:1 reduction in hardware physical consolidation from a disk array vendor.



Everything comes in twos inside the 6000 series-- dual controllers, power supplies, gateway ports, even extra Violin virtual memory modules (VIMMs) providing self-healing and memory aggregation.

Violin vRAID technology provides protection, striping data across multiple VIMMs and reducing latency with non-blocking erases, while everything on the 6000 series is hot swappable.

The series supports eight 4-8Gbps fibre channel connections or eight 10Gbps iSCSI connections, with vShare software managing all protocols.

Two versions are available-- the 6616 (using SLC technology, supports 16TBs per array and delivers 1M RAIDed IOPS) and the 6232 (using MLC, supports 32TBs per array and delivers 500000 RAIDed IOPS).

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Violin also upgrades its 3000 series-- the 3200 series now carries MLC technology to increase storage to 20TB per 3U shelf.

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