

SATADIMM™ Flash Array

Enabling the World's Most Powerful 1U JBOD

1U Form Factor

32TB Capacity

3.8 Million IOPS

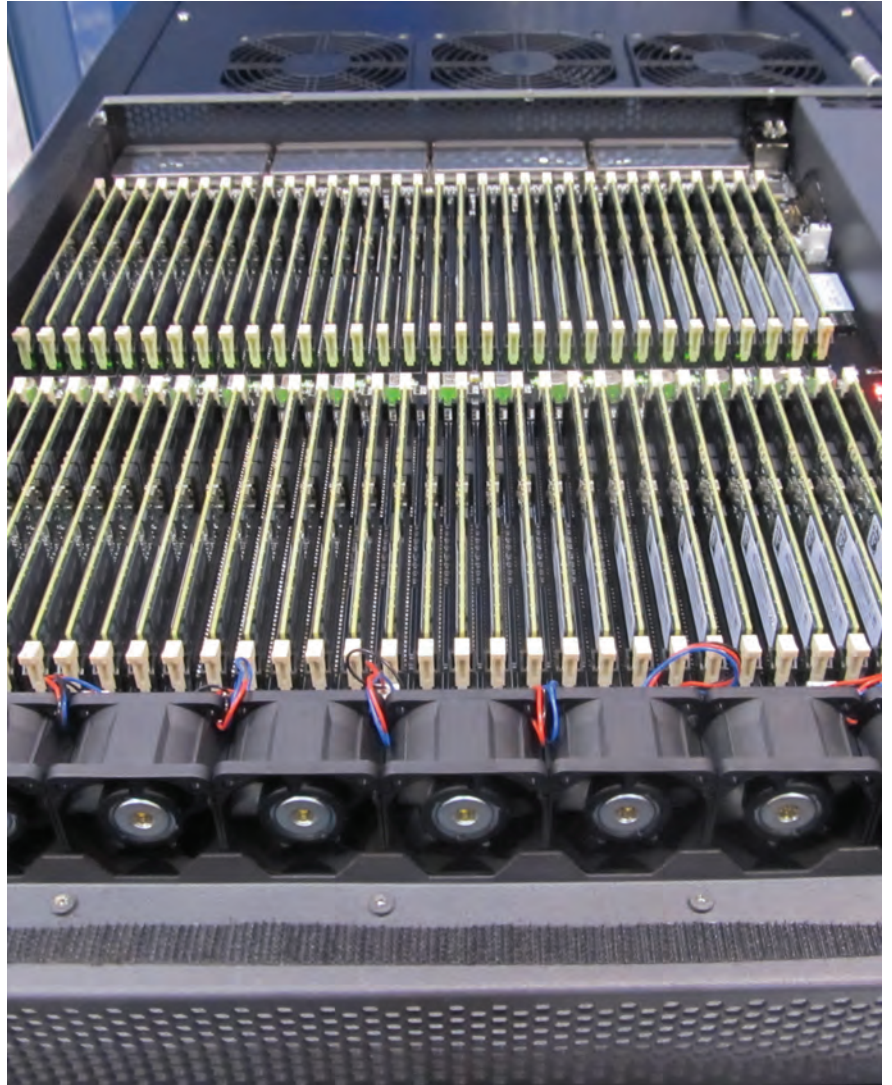
64 SSDs

200W Operational

Up to 1.3PB SSD/Rack

The SATADIMM™ allows datacenters to reduce overall footprint by 500%.

PPU = Performance Per U



SATADIMM™ SSD enables the design of future storage systems

Imagine a world in which storage systems are not designed to accommodate legacy HDD form factors but rather designed to better service the needs of many applications; form is function. The SATADIMM™ enables such freedom. Using the DIMM form factor, SATADIMM™ delivers all the benefits of an enterprise SSD in 75% less volume than a 2.5" SSD. SATADIMM™ is revolutionizing the way storage vendors will design their future systems, enabling greater performance, higher capacities, and dramatically lower power consumption. The future of storage is being enabled by Viking.

SATADIMM™

Enterprise SSD in a DIMM Form Factor

60,000 IOPS

6Gb SATA & SAS

Up to 480GB

DDR3 DIMM Integration

1/4 the footprint of a
2.5" SSD

Form Factor Efficiency

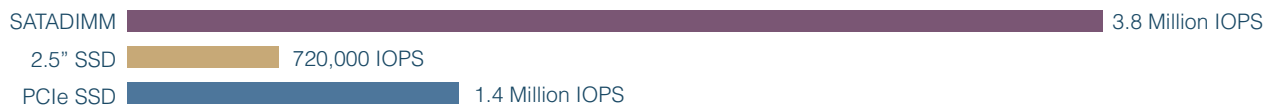
"Some designs would consume space for SSDs that could otherwise be used for HDDs. Since we reduce overall cost by maximizing total storage/computer, using SATADIMM™ is more cost effective in the designs where space for HDDs is compromised by 2.5" SSDs."

~Tier 1: Enterprise customer



Comparative Performance per 1U (rack unit)

Flash Optimized Form Factor vs. Standard 2.5" and PCIe Form Factor



SATADIMM
Benefit

- 64 SSD per Rack Unit
- Performance of a full Rack in a 1U server form factor
- Adds SSDs without utilizing existing drive bays; allowing for extra HDD capacity storage

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