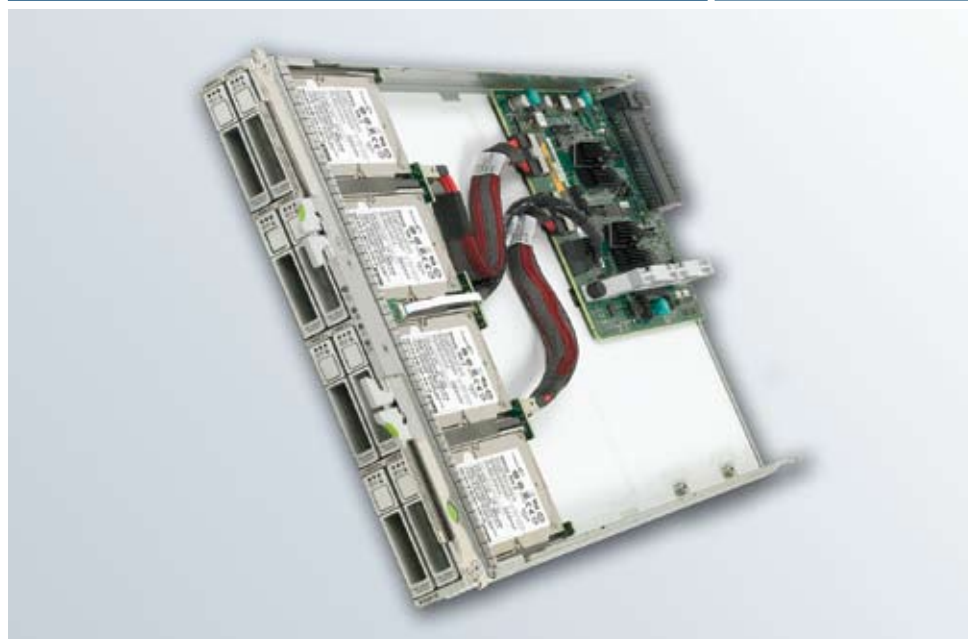


Sun Blade™ 6000 Disk Module

Best-in-class blade storage scalability



Highlights

- Best-in-class scalability, with a wide range of capacity and performance choices, adding up to 1.2 TB, or 8 HDDs storage capacity to each Sun Blade™ 6000 series server module
- Cost-effective direct attached storage (DAS) for Sun Blade™ servers
- The industry's first Network Express Module (NEM) combo design for cost-effective I/O expansion with united GbE and SAS technology
- Simple manageability
- Fast deployment with convenient plug-in-and-deploy design
- Implementation, support, training, and managed services available



Storage capacity demands are increasing annually at a rate of more than 50%. You need faster and more flexible ways to scale your storage capacity with reduced cost and complexity. Our massively scalable Sun Blade 6000 disk module meets this need, with improved uptime, superior performance and availability, and shorter time to business readiness — all in a blade form factor. The agile Sun Blade 6000 disk module speeds deployment with its plug-in-and-deploy design, as well as streamlined, centralized management with no learning curve.

You can use the Sun Blade 6000 disk module to expand the Sun Blade 6000 modular system's existing internal storage by as much as 12 disks — the best scalability available, even surpassing many rack servers. It leverages the underlying SAS infrastructure built into the server modules and chassis midplane to provide 50% more storage capacity than HP and 200% more than IBM, while it's 20% more cost-effective than external storage solutions for needs under 1.1 TB. Each storage module has eight front-accessible, hot-pluggable drives, and each is factory-matched to an adjacent server module; five storage modules can be configured into a Sun Blade 6000 modular system, for storage expansion on the fly. It's the fast, easy, and cost-effective way to add more than 1 TB of data storage to the Sun Blade 6000 modular system.

And it does all this with superior data protection, supporting RAID 0/1/5 through the server module's host SAS controller.

The storage module arrives ready for the Solaris™ 10 Operating System and Solaris Zettabyte File System (ZFS) from day one, ensuring that it offers record-breaking performance along with all this storage, for superior scalability and data integrity. Its design efficiency also significantly reduces power and cooling costs. And the innovative Sun Blade™ multifabric NEM combines GbE and SAS, further reducing costs and the need for I/O slots. The Sun Blade 6000 disk module makes your datacenter more streamlined, reliable, agile, and efficient — to improve ROI and enhance cost effectiveness and performance.

Sun Blade 6000 Disk Module Specifications

Architecture

Enclosure

- High-density blade form factor design — up to five storage modules in one Sun Blade 6000 modular system
- Up to eight SAS small form factor (SFF) disk drives per module
- Designed to support SATA and SSD in the future

SFF disk drive support

SAS interface: 73 GB 15,000 rpm, 73 GB 10,000 rpm, and 146 GB 10,000 rpm

Interfaces

Storage

Two 3.0 Gb/sec SAS interfaces to midplane for routing to NEM GbE and SAS

Physical management

In-band SCSI enclosure service via Chassis Management Module (CMM)

Logical management

In-band via on-board SAS controller of the assigned server module

Software

Operating systems

- Solaris 10 Operating System Update 5
- Red Hat Enterprise Linux 4.6 (64-bit)
- Red Hat Enterprise Linux 5.1 (64-bit)
- SUSE Linux Enterprise Server 10 SP1 (64-bit)
- VMware 3.0.2 Update 1
- VMware 3.5 Update 1
- Windows 2003 R2 SP2 (32-bit/64-bit)¹
- Windows 2008 Datacenter (32-bit/64-bit)¹

¹ WHQL certification will be completed after initial release in future.

Dimensions and weight

Height: 44.45 mm (1.75 in.)

Width: 327.15 mm (12.88 in.)

Depth: 496.82 mm (19.56 in.)

Weight: 6.26 kg (13.80 lbs.) empty — no disks or memory

Weight: 8.28 kg (18.25 lbs.) fully configured

Learn More

To learn more about the Sun Blade 6000 disk module, go to: sun.com/blades.