

MID-RANGE DISK STORAGE

IBM DS5000 Series



The DS5000 series is designed to meet today and tomorrow's demanding open-systems requirements while establishing a new standard for life cycle longevity with field-replaceable host interface cards. The DS5000 series seventh-generation architecture delivers relentless performance, real reliability, multi-dimensional scalability and unprecedented investment protection.

IBM DS4800



The IBM System Storage™ DS4800 disk storage system supports a high-performance 4 Gbps Fibre Channel interface. Increased host connectivity delivers the necessary bandwidth for high-throughput applications. Designed for data-intensive applications that demand increased connectivity, eight 4 Gbps host channels can help provide up to 1724 MBps of sustained bandwidth, allowing for high-throughput applications through eight channels directly attached to the host servers or connected to a Fibre Channel storage area network (SAN).

IBM DS4700



In a continuing effort to provide storage solutions that are designed to provide low total cost of ownership, high performance, robust functionality, and unparalleled ease of use, IBM offers the IBM System Storage™ DS4700 Express. As part of the DS4000 series, the DS4700 Express offers high-performance 4 Gbps capable Fibre Channel connections, up to 33.6 TB of Fibre Channel physical storage capacity, 112 TB of SATA physical storage capacity, and powerful system management, data management and data protection features. The DS4700 Express is designed to expand from workgroup to enterprise-wide capability with up to six Fibre Channel expansion units with the DS4000 EXP810 Expansion Unit.

IBM DS4200 Express Model 7V



The IBM System Storage™ DS4200 disk storage system supports a high-performance 4 Gbps Fibre Channel interface. Increased host connectivity delivers the necessary bandwidth for high throughput applications. Data-intensive applications that demand increased connectivity are supported by four 4 Gbps host channels that can provide up to 1550 MBps of sustained bandwidth, allowing for high throughput applications through the four channels directly attached to the host servers or connected to a Fibre Channel storage area network (SAN).

EXP24



The IBM System Storage EXP24 is designed to give cost-conscious businesses an entry-level server that can help meet storage and near-line application storage needs without undo expense, while leaving them room to grow. The EXP24 is scalable up to 7.2 TB of Ultra 320 SCSI physical disk storage with 24 internal 300 GB disks. The EXP24 is designed to provide ample yet scalable storage without the cost of extra expansion units. This storage server also is designed to help consolidate storage into a centrally managed environment.



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EXP3000



The IBM System Storage EXP3000 is a high-density 2U, 19" rack-mountable driven closure designed for supporting a total of 12 Serial Attached SCSI (SAS) 3.5-inch disk drives.

The dual-port MegaRAID 8480 adapter is optimized for cost-sensitive and space-limited environments that demand both feature-rich and high-performance solutions. The adapter delivers an intelligent and robust RAID solution supporting RAID levels 0, 1, 10, 5, and 50, and utilizing a high-performance Intel I/O processor for optimum RAID performance and a PCI-Express host interface for increased bandwidth.

Together, the EXP3000 and MegaRAID 8480 leverage leading Serial-attached SCSI (SAS), the new interface technology with broad industry commitment and interoperability behind it. A maximum of four EXP3000s can be cascaded from the MegaRAID 8480 adapter to support a total of 48 disks while simultaneously improving performance of the configuration due to higher number of disks.

EXP420

The IBM System Storage EXP420 Storage Expansion Unit (18128VH) is a Serial Advanced Technology Attachment (SATA) disk-only storage expansion unit for use with the DS4200 Express Model 7V.

EXP810

The DS4000 EXP810 is the latest disk drive enclosure in the DS4000 Series of products. This 3U enclosure has 4 Gbps Fibre Channel (FC) interfaces, and supports up to 16 disk drives.

