hp
®
i n v e n t

hp storage

hp disk system 2300

key features and benefits

- **high-performance:** supports Ultra160 interconnect and 15K rpm disks
- **available:** supports both MSCS and MC/Serviceguard clusters
- **reliable:** ensures data access through redundant power supplies, fans, and I/O cards
- **manageable:** enables most software management solutions with switchable in-band SES or SAF-TE
- **open:** works with Windows, HP-UX, Linux, MPE, and NetWare for stress-free operation
- **flexible:** supports mixed disk environments and is backwards compatible to Ultra SCSI
- **compact:** holds up to 14 LP disks (or over 1 TB in capacity) in a dense 3U form factor
- **adaptable:** can be used in deskside, 2-post rack, or 4-post rack environments
- **upgradable:** is designed for upgradability to Ultra320
- **complete:** makes repairs a breeze with hot-swappable disks, power supplies, fans, and I/O cards

high-performance, flexible SCSI disk system

The HP Surestore Disk System 2300 (ds2300) is the disk enclosure that is flexible enough to meet the needs of your dynamic IT environment. It boasts 14 LP disks, an industry-leading Ultra160 SCSI interconnect, and full redundancy in a 3U enclosure. With built-in upgradability to Ultra320, the ds2300 protects your investment by supporting a mixed disk environment. Its 17-inch width and optimized 19-inch depth enable the ds2300's deployment in a variety of environments, including deskside and in two-post or four-post racks. Fully redundant power supplies, fans, and bus control cards ensure that you always have access to your data. Product maintenance is simple, with hot-swappable disks, power supplies, fans, and bus control cards. The enclosure provides in-band SES and SAF-TE environmental monitoring to enable most of today's environmental and management software. All this comes with multiple operating system support, including HP-UX, MPE, Windows®, Windows NT®, Linux, and NetWare.

hp disk system 2300

manageable

technical specifications

performance	160 MB/s
input voltage	Auto-ranging 100–240 VAC
input frequency	50/60 Hz
power consumption	500W
port types	Two 68-pin VHDCI ports per bus control card (max. 4)
disk types	18 GB 10K rpm, 36 GB 10K rpm, 73 GB 10K rpm, 18 GB 15K rpm, 36 GB 15K rpm
management	Switchable in-band SES or SAF-TE
diagnostics	HP Command View SDM, HP Toptools
dimensions (h x w x d)	5.1 x 17.6 x 19.9 in (13.0 x 44.8 x 50.5 cm)
weight	60 to 80 lb (27.3 to 36.4 kg) rack, depending on configuration 82 to 102 lb (37.3 to 46.4 kg) deskside, depending on configuration
temperature range	41 to 100°F (5 to 38°C) (operating) –40 to 158°F (–40 to 70°C) (storage)
humidity range	10 to 80% @ 82°F (28°C) (wet bulb) (operating) 10 to 90% @ 82°F (28°C) (wet bulb) (storage)
altitude	–1,000 to +10,000 ft (–304 to +3,048m)

hp disk system 2300

flexible

product numbers

product number	product name	description
A6490A	Disk System 2300	Field-rackable model; includes disk integration, 2 power supplies, 1 BCC, terminator, manual
A6490AE	Disk System 2300	Field-rackable model; no disk integration; includes 2 power supplies, 1 BCC, terminator, manual
A6490AD	Disk System 2300	Deskside model; includes disk integration, pedestal, 2 power supplies, 1 BCC, terminator, manual
A6490ED	Disk System 2300	Deskside model; no disk integration; includes pedestal, 2 power supplies, 1 BCC, terminator, manual
A6490AZ	Disk System 2300	Factory-rackable model; includes integration, 2 power supplies, 1 BCC, terminator, manual
A6490AV	Disk System 2300	Factory-rackable model; includes SEP integration, 2 power supplies, 1 BCC, terminator, manual

hp disk system 2300

reliable

additional information

what's included
Disk System 2300 chassis; one bus control card (BCC); two power supplies and fans; disk slot filler panels; BCC slot filler panel; power cord; terminator; user manual; software; quick install guide (note: rack kit included in factory racked product)

accessories
18 GB 10K rpm disk drive A6537A; 36 GB 10K rpm disk drive A6538A; 73 GB 10K rpm disk drive A6539A; 18 GB 15K rpm disk drive A6540A; 36 GB 15K rpm disk drive A6541A; Add-on Ultra160 bus control card A6491A; BCC filler panel A6197A; Disk slot filler panel A6198A; Rittal rack rail kit A6496A; Two-post rack rail kit A6498A; HP System/E rack rail kit A6209A; HP original rack rail kit A6244A; 5m VHDCI LVD/SE I/L A5669A; 10m VHDCI LVD/SE I/L A5670A; 2m VHDCI C2373A; 5m VHDCI C2374A; 10m VHDCI C2375A; SCSI terminator LVD/SE VHDTS68 C2370A

supplies
N/A

safety
IEC 60950 Third Edition (1999); EN 60950; CAN/CSA-C22.2 No. 60950-00 Third Edition; UL 60950-2000

EMC
CISPR 22:1997; CISPR 24:1997; IEC 61000-3-2:1995; IEC 61000-3-3:1994; FCC Part 15 Class A

warranty features— hp service and support
3-year, next-business-day response, on-site

warranty options
Increased warranty options are available, including 3-year same-day, 3-year 24 x 7, and business continuity

for more information
For more information on HP disk systems, contact any of our worldwide sales offices or visit our Web site at: **http://www.hp.com/go/storage**