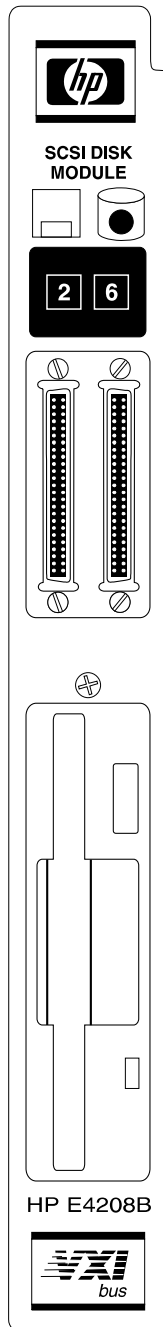

HP E4208B VXI SCSI Disk Module

Technical Data



- C-size, Single Slot
- 1 GB Internal Hard Drive
- 21 MB Floptical® Drive
- SCSI Compatible
- Daisy chains to another disk module or external SCSI device
- Replaces the E4208A 512 MB VXI SCSI disk module

When transportability is key, or when space is scarce, housing the disk drive in your VXI mainframe is more than a convenience; it's a necessity. The HP E4208B SCSI disk module, with its built-in hard disk and floppy drive, fits in your VXI mainframe.

Use the 1 GB hard drive in the HP E4208B as the system disk in your VXI system. Connect the disk to your workstation via the SCSI interface – not through the VXI backplane. This means workstation communication with the disk will not conflict with data flow on the VXI backplane, nor will it be interrupted by that traffic. You can also easily daisy chain to other SCSI devices like a DAT tape.

The HP E4208B comes standard with a 21 MB Floptical disk drive. This 90 mm (3.5 inch) form factor drive reads and writes magnetically. Tracking is accomplished either optically or magnetically. Use optical tracking with the special Floptical diskette to read and write with density as high as 21 MB. Use magnetic tracking to read and write on standard 90 mm (3.5 inch) floppy diskettes.

The HP E4208B responds to module ID queries over the VXI backplane. This means system controllers can determine all modules that reside in the system – an important feature for remotely-sited equipment.

The HP E4208B also has power supply isolation filtering to ensure disk drive transients do not propagate to other VXI modules.

So when space is limited or transportability is a necessity, look to the HP E4208B to answer your VXI system disk needs.

HP E4208B Specifications

Specifications describe warranted performance over the temperature range of 5° to 45° C (except where noted) and include a 30-minute warm-up from ambient conditions and automatic calibrations enabled, unless otherwise noted. Supplemental characteristics – identified as “typical” or “characteristic” – provide useful information by giving non-warranted performance parameters. Typical performance is applicable over $\pm 5^{\circ}$ C from the temperature during the most recent measurement calibration and is not warranted.

GENERAL SPECIFICATIONS

Hard drive

Formatted capacity:	1.06 GB
Average read (typical):	10.4 ms
Average write (typical):	11.4 ms
Interface:	SCSI
Transfer rate (average):	3.1 MB/s

Floptical Drive

OPTICAL MEDIA

Formatted Capacity:	21.4 MB
Interface:	SCSI
Transfer Rates (typical):	110 KB/s, sustained

MAGNETIC MEDIA

90 mm (3.5 inch) form factor

Formatted Capacity:	
Double Density:	2.56 MB
High Density:	5.12 MB
Interface:	SCSI
Transfer Rates (typical, sustained):	
Double Density:	24 KB/s (read), 9 KB/s (write)
High Density:	48 KB/s (read), 18 KB/s (write)

Power Requirements

Power Supply	IPm (amps)	IDm (amps)
+5V	0.6	0.4
+12V	1.5	1.2

Environmental

Humidity

Operating:	10 to 80%, noncondensing
Storage:	5 to 95%, noncondensing

Temperature

Operating:	5° to 45° C
Storage:	20° to 60° C

EMC

CISPR 11 Class A

ORDERING INFORMATION

E4208B SCSI Disk Module

SCSI terminator and 582 mm (23-inch) SCSI cable included.

Data subject to change.
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