

Agilent E3249B

4.29 Gbyte VXI System Disk with DAT Drive

Data Sheet

- Ultra-SCSI or Fast-20 SCSI compatible system disk with DAT tape
- Compatible with SCSI-1 and SCSI-2
- 4.29-Gbyte hard disk
- 1,000,000-hour projected MTBF hard disk
- 4-Gbyte DAT tape (8 Gbyte typical w/compression)
- Packaged in 2-slot VXI module



Agilent E3249B

Description

The Agilent E3249B is a **C-size 2-slot VXI mass storage module**. It consists of a 4.29-Gbyte system disk and a 4-Gbyte (8 Gbytes with data compression) DAT drive. This module is targeted as a system disk for an embedded host controller with a single-ended SCSI interface. The DAT drive offers a convenient mechanism for frequent system or data backups.

The Instant Ignition options install HP-UX 10.2 on the disk. These options require the Logical Volume Manager.

The single-ended SCSI-2 connectors on the front panel provide the link to the host computer via a short external cable. Connection to other SCSI-2 devices is achieved via the second SCSI-2 connector. The SCSI-2 interface does not provide a connection to the VXI backplane, assuring that the interface traffic will not interrupt, or be interrupted by traffic on the VXI backplane. Typically, backup of 2 Gbytes takes approximately 30 minutes with compression and the industry standard Digital Data Storage (DDS) format.

Refer to the Agilent Technologies Website for instrument driver availability and downloading instructions, as well as for recent product updates, if applicable.



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Product Specifications

Hard Drive

Capacity:	4.29 GB
Average read:	8.5 ms
Average write:	9.5 ms
Track-to-track seek:	<4.0 ms
Head switch time:	<1 ms
Data transfer rate:	
Synchronous:	Up to 20 MB/s
Asynchronous:	Up to 6.0 MB/s

DAT Drive

Capacity (120 meter DDS-2 tape):	
Non-compressed:	4.0 GB
Compressed:	8.0 GB
Transfer rate:	
Sustained non-compressed:	510 KB/s
Sustained compressed:	1.0 MB/s
Burst asynchronous:	3.0 MB/s (Max)
Average search speed:	<40 s for any file on 120 meter tape

General Specifications

Module Current

	I _{PM}	I _{DM}
+5 V:	2.4	0.55
+12 V:	0	0
-12 V:	0	0
+24 V:	0.6	0.4
-24 V:	0	0
-5.2 V	0	0
-2 V:	0	0

Cooling/Slot

Watts/slot:	15.20
ΔP mm H ₂ O:	0.13
Air Flow liter/s:	3.30

Ordering Information

Description	Product No.
4.3 Gbyte VXI System Disk with DAT Drive	E3249B
Danish HP-UX 10.2 Instant Ignition	E3249B 010
Dutch HP-UX 10.2 Instant Ignition	E3249B 011
English HP-UX 10.2 Instant Ignition	E3249B 012
Finnish HP-UX 10.2 Instant Ignition	E3249B 013
French HP-UX 10.2 Instant Ignition	E3249B 014
German HP-UX 10.2 Instant Ignition	E3249B 015
Italian HP-UX 10.2 Instant Ignition	E3249B 016
Japanese HP-UX 10.2 Instant Ignition	E3249B 017
Korean HP-UX 10.2 Instant Ignition	E3249B 018
Norwegian HP-UX 10.2 Instant Ignition	E3249B 019
Simplified Chinese HP-UX 10.2 Inst. Ign.	E3249B 020
Spanish HP-UX 10.2 Instant Ignition	E3249B 021
Swedish HP-UX 10.2 Instant Ignition	E3249B 022
Traditional Chinese HP-UX 10.2 Inst. Ign	E3249B 023
Configure for 500 MB swap space	E3249B 031
3 yr. retn. to Agilent to 1 yr. OnSite warr.	E3249B W01

Data Subject to Change
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