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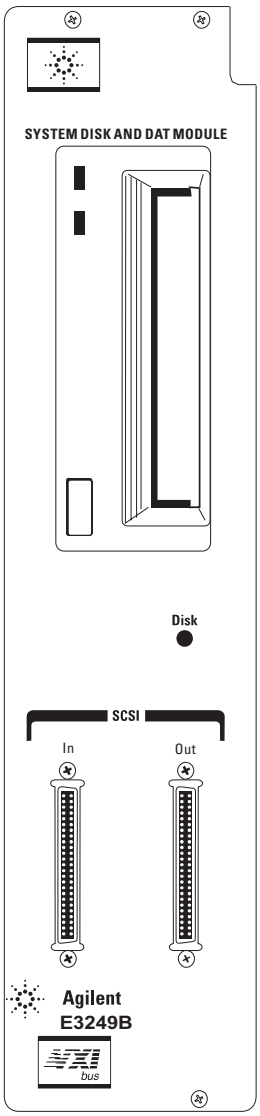
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Find the *Keysight / Agilent E3249B* at our website: ***Click HERE***

Agilent E3249B

SCSI System Disk with DAT Drive

Technical Specifications



- SCSI compatible system disk with DAT tape
- 4 Gbyte hard disk
- 1,000,000 - hour projected MTBF hard disk
- 4 Gbyte DDS2 (“DAT”) tape drive (8 Gbyte typical with data compression)
- Packaged in 2-slot VXI module

System Disk with DAT Backup

The Agilent E3249B SCSI module is the mass storage module you need when a larger system disk is needed while still maintaining the transportability of a VXI module. It is also the module you need when frequent data or system backups require a built-in AT drive. This module is a two slot VXI module providing a 4 Gbyte system disk and a 4 Gbyte (8 Gbytes typical with data compression) DAT drive.

The single ended SCSI connectors on the front panel provide the connection to the host computer via a short external cable. Connection to other SCSI devices is achieved via the second SCSI connector.

There is no connection of the SCSI interface to the VXI backplane providing assurance that SCSI interface traffic won’t interupt or be interupted by traffic on the VXI backplane.

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Hard Drive	
Formatted capacity	4.29 Gbytes
Average read seek	8.5 ms
Average write seek	9.5 ms
Track to track seek	< 4 ms
Head switch time	< 1 ms
Data transfer rate	
Synchronous	up to 20 Mbytes/s
Asynchronous	up to 6 Mbytes/s
SCSI interface	SCSI-3 (also known as Ultra-SCSI or Fast-20 SCSI) (compatible with SCSI-1 and SCSI-2)

DAT Drive	
Capacity (120 meter DDS-2 tape)	
Non-compressed	4.0 Gbytes
Compressed	8.0 Gbytes
Transfer rate	
Sustained non-compressed	510 Kbytes/s
Sustained compressed	1.0 Mbytes/s
Burst asychronous	3.0 Mbytes/s (Max)
Average search speed	< 40 seconds for any file on 120 meter tape
SCSI interface	Fast SCSI-2

Specifications describe warranted performance.

Benchmarks provide useful information indicative of performance of product in typical operational scenarios. The actual performance in a given application will depend on the actual hardware and software used.

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General Specifications

EMI/RFI standards		CISPR 11, Group 1, Class A
VXI power requirement	**dc**	**dynamic current**
+5V	2.4A	0.55A
-5.2V	0.00A	0.00A
-2V	0.00A	0.00A
+12V	0.00A	0.00A
-12V	0.00A	0.00A
+24V	0.6A	0.4A
-24V	0.00A	0.00A
+5V Standby	0.00A	0.00A
VXI cooling requirement (10 °C rise)		3.3 liter/second, 0.13 mm H_2O
Orientation (with DDS tape drive in operation)		Mainframe should be oriented with front panel vertical.
Acoustics (when measured in E1401A mainframe)		LpA < 70 dB, operator position, normal position, per ISO 7779 LpA < 70 dB, am Arbeitsplatz, normaler Betrieb, nach DIN 45635 T. 19
Weight		
Net		3.9 kg (8.6 lbs)
Shipping		7.1 kg (15.7 lbs)
Dimensions		Dual slot, C-size VXI module

Environmental

Operating restrictions		
Ambient temperature		5° to 40 °C †
Humidity, non-condensing		20 - 80% RH non-condensing (max wet bulb temperature = 26 °C)
Maximum altitude		2300 meters (7,500 feet)
Operating vibration		
Frequency	**Slope**	**Power Spectral Density**
5 - 350 Hz	0 dB/octave	0.0002 g^2/ Hz
350 - 500 Hz	- 6 dB/octave	. . .
500 Hz	NA	0.0001 g^2/ Hz
Storage and transport restrictions		
Ambient temperature		- 40° to 65 °C
Humidity, non-condensing		20% RH, 90% RH at 65 °C
Maximum altitude		4600 meters (15,000 feet)

Performance Benchmarks

Backup (with compression and industry standard Digital Data Storage (DDS) format)	2 Gbytes in just over 30 minutes

† For operation outside this range, consult Agilent Technologies.

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Ordering Information

Agilent E3249B:	SCSI Disk/DAT Module Includes hard drive, terminator and SCSI cable, DAT drive and one 120-meter tape cartridge.

Options

Option W01	Convert 3 year return to Agilent to 1 year on-site warranty.
Option 010	Danish HP-UX 10.2 Instant Ignition
Option 011	Dutch HP-UX 10.2 Instant Ignition
Option 012	English HP-UX 10.2 Instant Ignition
Option 013	Finnish HP-UX 10.2 Instant Ignition
Option 014	French HP-UX 10.2 Instant Ignition
Option 015	German HP-UX 10.2 Instant Ignition
Option 016	Italian HP-UX 10.2 Instant Ignition
Option 017	Japanese HP-UX 10.2 Instant Ignition
Option 018	Korean HP-UX 10.2 Instant Ignition
Option 019	Norwegian HP-UX 10.2 Instant Ignition
Option 020	Simplified Chinese HP-UX 10.2 Instant Ignition
Option 021	Spanish HP-UX 10.2 Instant Ignition
Option 022	Swedish HP-UX 10.2 Instant Ignition
Option 023	Traditional Chinese HP-UX 10.2 Instant Ignition
Option 030	Configure for 300 MB swap space
Option 031	Configure for 500 MB swap space

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