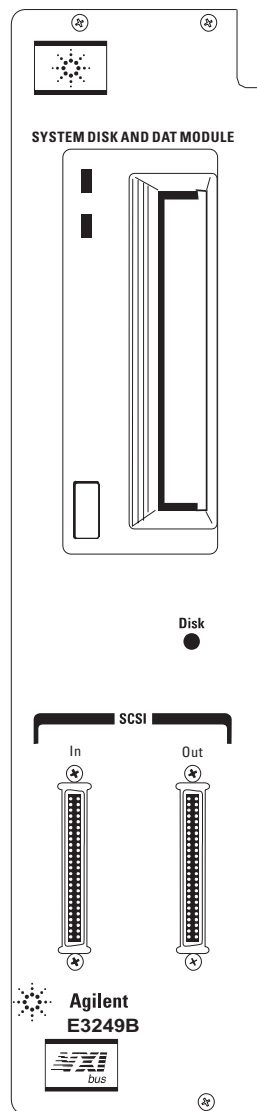
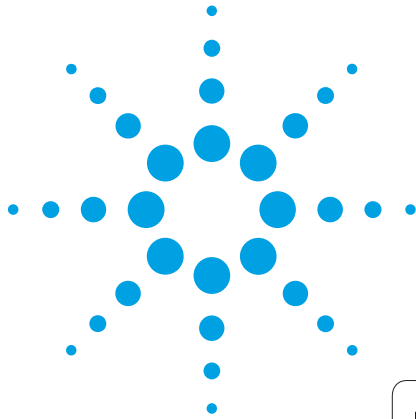


Agilent E3249B

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 interrupt or be interrupted 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 asynchronous	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.

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 ₂ O
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.

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

Agilent Technologies' Test and Measurement Support, Services, and Assistance

Agilent Technologies aims to maximize the value you receive, while minimizing your risk and problems. We strive to ensure that you get the test and measurement capabilities you paid for and obtain the support you need. Our extensive support resources and services can help you choose the right Agilent products for your applications and apply them successfully. Every instrument and system we sell has a global warranty. Support is available for at least five years beyond the production life of the product. Two concepts underlie Agilent's overall support policy: "Our Promise" and "Your Advantage."

Our Promise

Our Promise means your Agilent test and measurement equipment will meet its advertised performance and functionality. When you are choosing new equipment, we will help you with product information, including realistic performance specifications and practical recommendations from experienced test engineers. When you use Agilent equipment, we can verify that it works properly, help with product operation, and provide basic measurement assistance for the use of specified capabilities, at no extra cost upon request. Many self-help tools are available.

Your Advantage

Your Advantage means that Agilent offers a wide range of additional expert test and measurement services, which you can purchase according to your unique technical and business needs. Solve problems efficiently and gain a competitive edge by contracting with us for calibration, extra-cost upgrades, out-of-warranty repairs, and on-site education and training, as well as design, system integration, project management, and other professional engineering services. Experienced Agilent engineers and technicians worldwide can help you maximize your productivity, optimize the return on investment of your Agilent instruments and systems, and obtain dependable measurement accuracy for the life of those products.

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Or contact the test and measurement experts at Agilent Technologies
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