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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP E3249B VXI SCSI System Disk with DAT Drive

HP Agilent E3249B VXI SCSI System Disk with DAT Drive The HP E3249B is the later VXI SCSI system-disk plus DAT module succeeding E3249A. Same role: local SCSI storage and DAT backup for embedded VXI PC controllers. The HP E3249B is the later VXI SCSI system-disk plus DAT module succeeding E3249A. Same role: local SCSI storage and DAT backup for embedded VXI PC controllers.



MODEL

**Keysight / Agilent /
HP E3249B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E3249B

LISTING

[https://aumictechlabs.c
om/products/e3249b-
2/](https://aumictechlabs.com/products/e3249b-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight/Agilent/HP E3249B is a two-slot C-size VXI module that integrates mass storage and backup functionality for VXI-based test systems. It combines a 4 Gbyte SCSI-II system disk with an integrated DAT drive supporting 4 Gbyte per tape (8 Gbyte typical with compression), enabling reliable data storage, retrieval, and backup of measurement data and system operations. The SCSI interface connects externally to the VXI system controller via front panel connectors, isolating SCSI traffic from VXI backplane operations. Technical Specifications System Disk: Capacity: 4 Gbyte Interface: SCSI-II Projected MTBF: 800,000 hours DAT Drive: Capacity: 4 Gbyte per tape (8 Gbyte typical with data compression) Media: DDS (Digital Data Storage) format; 120-

meter DDS-2 tape cartridges supported Backup Performance: Approximately 30 minutes for 2 GB with compression using DDS format Maintenance: Cleaning required after approximately 30 hours of operation or when status indicator signals cleaning need; performed using DAT cleaning cassette SCSI Interface: Type: Single-ended SCSI-II Configuration: Front panel connectors for VXI system controller connection; second SCSI-II connector for daisy-chain to additional SCSI-II devices Device Addressing: Factory default addresses are 3 (DAT drive/TAPE) and 6 (disk drive), configurable via DIP switches on side panel; unique addresses required for each device on bus VXI Module: Form Factor: C-size, two-slot module Cooling Requirement: 3.3 liters/second at 0.13 mm H₂O (10°C rise) Operating Orientation: Front panel vertical when DAT drive is in operation Key Features Decoupled SCSI interface prevents backplane contention DDS format support with write-protection safeguards for non-DDS media Configurable SCSI addressing via accessible DIP switches Integrated tape backup and disk storage in single module footprint Typical Applications Automated test system data logging, instrument control system archival, measurement database backup, and long-term data retention in VXI mainframe environments. Compatibility & Integration Designed for integration into VXI systems requiring external SCSI connectivity. Compatible with SCSI-II controllers and DDS-format tape media. Requires mainframe support for 3.3 liters/second cooling.

Features & description

From manufacturer datasheet

Applications

- Later-revision VXI mass storage

E3249B Characteristics / Specifications

PARAMETER	VALUE
Model	E3249B
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	VXI SCSI System Disk with DAT Drive
Alias	E3249B; HP E3249B
Function	SCSI hard disk plus DAT tape in VXI
Disk Interface	SCSI
Tape	DAT / DDS
VXI Size	C-size
Predecessor	E3249A
Related Controllers	E6235A E4806A
Host	C-size VXI mainframe
Use	boot storage and backup
NotAController	storage not Slot 0
Not E1406A	not GPIB command module
Power	VXI backplane
Cooling	VXI airflow
Status	HP E3249B EOL
Media	SCSI HDD plus DAT cartridge
OS Role	mass storage for embedded PC
Form	VXI plug-in storage
Documentation	E3249B notes
Service	drive/tape wear items
Revision	B versusAfirmware/drive set
Cabling	internal SCSI Notes B-revision VXI SCSI disk+DAT identity from HP E3249B catalog. Confirm drive capacity on the installed SCSI disk label.

E3249B Specifications

PARAMETER	VALUE
HP Agilent E3249B VXi SCSI System Disk with DAT Drive	Overview
Technical Specifications	Model: E3249B
Notes	B-revision VXi SCSI disk+DAT identity from HP E3249B catalog. Confirm drive capacity on the installed SCSI disk label.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Specifications

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Service	drive/tape wear items
Revision	B versusAfirmware/drive set
Cabling	internal SCSI

Notes

B-revision VXI SCSI disk+DAT identity from HP E3249B catalog. Confirm drive capacity on the installed SCSI disk label.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.