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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP E3249A VXI SCSI System Disk with DAT Drive

HP Agilent E3249A VXI SCSI System Disk with DAT Drive The HP E3249A isaC-size VXI mass-storage module combining a SCSI system disk with a DAT (DDS) tape drive for VXI embedded controllers. It provides local boot/storage and backup in the VXI cage rather than relying only on a host PC disk. The HP E3249A isaC-size VXI mass-storage module combining a SCSI system disk with a DAT (DDS) tape drive for VXI embedded controllers. It provides local boot/storage and backup in the VXI cage rather than relying only on a host PC disk.



MODEL

**Keysight / Agilent /
HP E3249A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E3249A

LISTING

[https://aumictechlabs.c
om/products/e3249a-
2/](https://aumictechlabs.com/products/e3249a-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight/Agilent/HP E3249A is a C-size VXI SCSI system disk module integrating a DAT drive for mass storage and backup within VXI-based test and measurement systems. This two-slot module combines a 2.17 GB formatted hard disk with a 4 GB DAT drive (8 GB compressed capacity) to deliver dual-function data management. The isolated SCSI-II interface on the front panel connects to host computers and peripherals without interference to VXI backplane traffic, ensuring reliable operation in demanding automated test environments. Technical Specifications Hard Disk Drive Formatted capacity: 2.17 GB Average seek time (read): 9.5 ms Average seek time

(write): 10.5 ms Track-to-track seek: < 2.5 ms Head switch time: < 1 ms Synchronous transfer rate: up to 10 MB/s Asynchronous transfer rate: up to 5 MB/s DAT Drive Capacity (non-compressed): 4.0 GB Capacity (compressed): 8.0 GB typical Backup time: approximately 30 minutes for 2 GB with compression Media: DDS-2 compatible, 120-meter tape cartridge SCSI Interface Type: Single-ended SCSI-II with two front-panel connectors DAT drive SCSI ID (default): 3 Disk SCSI ID (default): 6 Backplane isolation: SCSI interface isolated from VXI backplane Termination: required Physical & Environmental Form factor: C-size, 2-slot VXI module Cooling requirement: 3.3 liters/second at 0.13 mm H₂O for 10°C rise Orientation: mainframe must be vertical when DAT drive is operational Key Features Dual storage: integrated hard disk and tape drive in single module Isolated SCSI architecture eliminates VXI bus crosstalk Data compression extends DAT capacity to 8 GB Rapid backup capability within 30 minutes for 2 GB datasets One 120-meter DDS tape cartridge included Compatibility & Integration The E3249A integrates with VXI plug-and-play software drivers for Agilent VEE, National Instruments LabView, and LabWindows environments. Standard SCSI-II connectivity enables host computer communication and daisy-chain configuration with other SCSI peripherals.

Features & description

From manufacturer datasheet

Features

- SCSI disk plus DAT in one VXL storage module

Applications

- VXL embedded-controller boot/storage

E3249A Characteristics / Specifications

PARAMETER	VALUE
Model	E3249A
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	VXI SCSI System Disk with DAT Drive
Alias	E3249A; HP E3249A
Function	SCSI hard disk plus DAT tape in VXI
Disk Interface	SCSI
Tape	DAT / DDS
VXI Size	C-size
Related E3249B	later VXI SCSI disk with DAT
Related Controllers	E6235A E4806A embedded PC controllers
Host	C-size VXI mainframe
Use	boot storage and backup
NotAController	storage module not Slot 0 by itself
Not E1406A	notaGPIB command module
Power	VXI backplane
Cooling	VXI airflow (disk/tape heat)
Status	HP E3249A EOL
Media	SCSI HDD plus DAT cartridge
Cabling	internal SCSI to DAT/disk
OS Role	mass storage for embedded PC OS
Form	VXI plug-in storage
Documentation	E3249A VXI disk module notes
Service	drive/tape wear items

PARAMETER

VALUE

Slot Count

multi-slot storage assembly (confirm faceplate) Notes VXi SCSI disk+DAT identity from HP E3249A catalog. Capacity and DAT DDS generation are drive-label items: read the installed disk/tape rather than inventing GB or DDS-1/2/3.

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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Documentation	E3249A VXI disk module notes
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Notes

VXI SCSI disk+DAT identity from HP E3249A catalog. Capacity and DAT DDS generation are drive-label items: read the installed disk/tape rather than inventing GB or DDS-1/2/3.

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

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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.