

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP E1489C ISA-MXI Interface

The HP E1489C is an ISA-bus MXI (Multisystem Extension Interface) card for extending VXI/MXI systems from an ISA PC. C-revision ISA-MXI. Used with VXI-MXI extenders and E1406A MXIbus resource manager for multi-mainframe VXI. Manufacturer: Hewlett Packard / Agilent / Keysight Related E1406A: MXI resource manager on command module Compatibility: VXI-MXI mainframe extenders Compatibility: VXI-MXI mainframe extenders Installation: ISA slot plus MXI cable rules Not E1324A: serial VXI module is different ISA-MXI interface identity from HP E1489C. MXI cable length and extender pairing are in the E1489C/MXI installation guide. Confirm C-revision.

**MODEL****Keysight / Agilent /
HP E1489C****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****E1489C****LISTING**[https://aumictechlabs.c
om/products/e1489c-2/](https://aumictechlabs.com/products/e1489c-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight E1489C ISA-MXI Interface is an adapter card that bridges ISA/EISA bus computers to MXI-based instruments and VXI systems. It enables direct, high-speed data acquisition and real-time instrument control by connecting Hewlett-Packard 9000 Series 700 computers with EISA backplanes to the MXIbus, allowing direct communication with VXI backplanes through memory-mapped access. The card extends both the MXIbus and INTX buses, providing access to critical system control lines and interrupt signals for enhanced timing and synchronization in complex test environments. Technical Specifications Bus Interface: ISA/EISA to MXIbus Data Transfer Rate: 32-bit at 4.0 MB/s (when used with E1482B VXIbus Extender) Onboard Memory:

Dual-ported, configurable with 1 MB or 4 MB SIMM modules SIMM Specifications: 80 ns, no parity, PC-compatible modules Extended Buses: MXIbus and INTX (Interrupt and Timing Extension) System Control Access: Direct connection to SYSRESET, SYSFAIL, and ACFAIL lines Interrupt Lines: Direct VME/VXI IRQ line connection and TTL trigger line interaction Key Features Dual-ported memory architecture supports local controller access and remote VME/VXI card access simultaneously Direct backplane integration for enhanced interrupt response Configurable memory capacity accommodates diverse application requirements INTX bus extension provides advanced system timing and control capabilities Typical Applications High-throughput data acquisition and logging Real-time instrument command and control Legacy ISA-based computer integration with advanced VXI instrumentation Complex test system development combining multiple VXIbus Extender modules Compatibility & Integration Designed for Hewlett-Packard 9000 Series 700 computers running HP-UX 9.x, 10.01, and 10.20. Supports SICL and VISA I/O Libraries for instrument control. Connects to the Agilent E1482B VXIbus Extender via MXI controller cable for VXI system integration.

E1489C Characteristics / Specifications

PARAMETER	VALUE
Model	E1489C
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	ISA MXI Interface
Alias	E1489C; HP E1489C
Host Bus	ISA
Function	MXI interface from ISA PC
Revision	C
Related E1406A	MXI resource manager on command module
Family	VXI-MXI extension
Form	ISA add-in card
Not GPIB	MXI not IEEE 488
Status	HP E1489C EOL
Documentation	E1489C ISA-MXI
Use	MXI link to VXI extenders
Identification	E1489C
Power	ISA backplane
Cabling	MXI cable to VXI-MXI extender
Software	SICL/VXI MXI of the era
Compatibility	VXI-MXI mainframe extenders
Installation	ISA slot plus MXI cable rules
ESD	interface PCA
Not PCI MXI	ISA
Not E1324A	serial VXI module is different
Cooling	PC airflow Notes ISA-MXI interface identity from HP E1489C. MXI cable length and extender pairing are in the E1489C/MXI installation guide. Confirm C-revision.

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	
Specifications	
PARAMETER	VALUE
Model	E1489C
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	ISA MXI Interface
Specifications	
PARAMETER	VALUE
Alias	E1489C; HP E1489C
Host Bus	ISA
Function	MXI interface from ISA PC
Specifications	
PARAMETER	VALUE
Revision	C
Related E1406A	MXI resource manager on command module
Family	VXI-MXI extension
Specifications	
PARAMETER	VALUE
Form	ISA add-in card
Not GPIB	MXI not IEEE 488
Status	HP E1489C EOL
Specifications	
PARAMETER	VALUE
Documentation	E1489C ISA-MXI
Use	MXI link to VXI extenders
Identification	E1489C

Specifications

PARAMETER	VALUE
Power	ISA backplane
Cabling	MXI cable to VXI-MXI extender
Software	SICL/VXI MXI of the era

Specifications

PARAMETER	VALUE
Compatibility	VXI-MXI mainframe extenders
Installation	ISA slot plus MXI cable rules
ESD	interface PCA

Specifications

PARAMETER	VALUE
Not PCI MXI	ISA
Not E1324A	serial VXI module is different
Cooling	PC airflow

Notes

ISA-MXI interface identity from HP E1489C. MXI cable length and extender pairing are in the E1489C/MXI installation guide. Confirm C-revision.

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>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 13, 2026

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