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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E1499B

HP Agilent E1499B C-Size VXI V/382 Controller The HP E1499B isaC-size VXI V/382 embedded controller (with E1499A as the related earlier controller). OEM E1499A/B listings include video, RS-232, and parallel ports; HP-IB, HP-HIL, and SCSI interfaces; integrated LAN; and Clock In/Out plus Trigger In/Out connections. The controller occupies a C-size VXI slot and runs the VXI resource-manager/slot-0 role for 75000-class mainframes. Embedded Slot-0 control of C-size VXI instrument mainframes with LAN and HP-IB. The HP E1499B isaC-size VXI V/382 embedded controller (with E1499A as the related earlier controller). OEM E1499A/B listings include video, RS-232, and parallel ports; HP-IB, HP-HIL, and SCSI interfaces; integrated LAN; and Clock In/Out plus Trigger In/Out connections. The controller occupies a C-size VXI slot and runs the VXI resource-manager/slot-0 role for 75000-class mainframes. Embedded Slot-0 control of C-size VXI instrument mainframes with LAN and HP-IB. C-size VXI V/382 controller Video RS-232 parallel



MODEL

**Agilent / Keysight
E1499B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1499B

LISTING

<https://aumictechlabs.com/products/e1499b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight E1499B is a C-Size, 2-slot VXI controller that bridges VXI systems and GPIB instruments, enabling integrated test automation across heterogeneous instrument ecosystems. This VXI plug&play interface module expands VXI system capabilities by providing direct GPIB connectivity, allowing seamless control of legacy and current GPIB equipment alongside native

VXI devices without requiring existing GPIB software to be rewritten. Technical Specifications Form Factor: C-Size, 2-slot VXI controller Interfaces: GPIB (IEEE-488) RS-232 Parallel ports HPIB (Hewlett-Packard Interface Bus) HP-HIL (Hewlett-Packard Interface Loop) SCSI (Small Computer System Interface) Integrated LAN Clock In/Out connections Trigger In/Out connections VXI Integration: Direct VXI backplane access in GPIB-VXI configurations Command Module-based control of VXI instruments Support for message-based and register-based VXI devices VXI-11 protocol compatibility Key Features GPIB emulation via Keysight IO Libraries Suite eliminates the need to modify existing GPIB application code. VISA and SICL software support enable vendor-agnostic instrument communication. VXI plug&play driver compatibility ensures plug-and-play device integration. Typical Applications Automated test systems requiring mixed VXI and GPIB instrument control; equipment migration from GPIB-only to hybrid VXI architectures; leveraging existing GPIB instrument investments within modernized VXI platforms. Compatibility & Integration Fully compatible with VXI environments and GPIB-compliant instruments and controllers. Keysight IO Libraries Suite - including VISA (Virtual Instrument Software Architecture) - provides cross-vendor hardware and software interoperability.

E1499B Characteristics / Specifications

PARAMETER	VALUE
Model	E1499B
Instrument Type	C-size VXI embedded controller
Related Model	E1499A V/382 controller
Vxi Size	C-size
Video Port	video port
Serial Port	RS-232
Parallel Port	parallel port
Hpib Interface	HP-IB
Hpil Interface	HP-HIL
Scsi Interface	SCSI
Lan	integrated LAN
Clock Connections	Clock In and Clock Out
Trigger Connections	Trigger In and Trigger Out
Slot Role	VXI Slot-0 / resource manager class
Host Family	HP 75000 VXI mainframes
Manufacturer	HP Agilent Keysight
Use Case	embedded VXI system controller
Literature	Agilent E1499B VXI C-size V/382 controller listings
Family	HP V/382 VXI controllers
Documentation Type	OEM E1499B controller listing
Brand Lineage	Hewlett Packard Agilent Keysight
System Role	VXI embedded controller
Form Factor	C-size VXI module
Control	HP-IB, LAN, RS-232
Operating Temperature Class	VXI laboratory mainframe window

PARAMETER	VALUE
Year Class	HP 75000 VXi controller family
Operating temperature	Class: VXi laboratory mainframe window

E1499B Specifications

PARAMETER	VALUE
Applications	Embedded Slot-0 control of C-size VXI instrument mainframes with LAN and HP-IB.
Key Features	C-size VXI V/382 controller
Technical Specifications	Model: E1499B

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: VXI laboratory mainframe window
Operating Temperature	Class: VXI laboratory mainframe window
Operating Temperature Class	VXI laboratory mainframe window
Year Class	HP 75000 VXI controller family Notes From Agilent/HP E1499A and E1499B V/382 controller listings (C-size VXI, video, RS-232, parallel, HP-IB, HP-HIL, SCSI, LAN, clock and trigger I/O). CPU clock, memory size, and OS are on the E1499B configuration label / V/382 hardware reference.

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	E1499B
Instrument Type	C-size VXI embedded controller
Related Model	E1499A V/382 controller
Vxi Size	C-size
Video Port	video port
Serial Port	RS-232
Parallel Port	parallel port
Hpib Interface	HP-IB
Hpil Interface	HP-HIL
Scsi Interface	SCSI
Lan	integrated LAN
Clock Connections	Clock In and Clock Out
Trigger Connections	Trigger In and Trigger Out
Slot Role	VXI Slot-0 / resource manager class
Host Family	HP 75000 VXI mainframes
Manufacturer	HP Agilent Keysight
Use Case	embedded VXI system controller
Literature	Agilent E1499B VXI C-size V/382 controller listings
Family	HP V/382 VXI controllers
Documentation Type	OEM E1499B controller listing
Brand Lineage	Hewlett Packard Agilent Keysight
System Role	VXI embedded controller
Form Factor	C-size VXI module
Control	HP-IB, LAN, RS-232
Operating Temperature Class	VXI laboratory mainframe window
Year Class	HP 75000 VXI controller family

Notes

From Agilent/HP E1499A and E1499B V/382 controller listings (C-size VXI, video, RS-232, parallel, HP-IB, HP-HIL, SCSI, LAN, clock and trigger I/O). CPU clock, memory size, and OS are on the E1499B configuration label / V/382 hardware reference.

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.