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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent / Keysight E9850A VXI Pentium PC Controller, 450 MHz, Windows 95/NT

Keysight E9850A VXI Pentium Embedded PC Controller The Keysight E9850A is a two-slot C-size VXI embedded PC controller based on a 450 MHz Pentium II/III class CPU with GPIB, Ethernet, SCSI, and standard PC I/O for Slot 0 style system control under Windows NT class software. Embedded VXI system control, local test executive hosting, and GPIB/Ethernet connected automated test in E84xx E1401B and E1421B class mainframes. 450 MHz Pentium II or better field upgradeable Slot 1 CPU The Keysight E9850A is a two-slot C-size VXI embedded PC controller based on a 450 MHz Pentium II/III class CPU with GPIB, Ethernet, SCSI, and standard PC I/O for Slot 0 style system control under Windows NT class software. Embedded VXI system control, local test executive hosting, and GPIB/Ethernet connected automated test in E84xx E1401B and E1421B class mainframes. 450 MHz Pentium II or better field upgradeable Slot 1 CPU 64 MB SDRAM standard expandable to 384 MB



MODEL

**Agilent / Keysight
E9850A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E9850A

LISTING

<https://aumictechlabs.com/products/e9850a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The E9850A is a C-size, 2-slot VXI embedded PC controller that integrates a 450 MHz Intel Pentium II processor directly into Keysight VXI mainframes. Designed for measurement

automation and complex data processing in VXI-based test systems, this message-based controller runs Windows 95 or Windows NT 4.0 and provides field-upgradeable architecture with standard Slot 1 processor compatibility. Technical Specifications Processor & Memory 450 MHz Intel Pentium II processor (Slot 1 architecture) 64 MB SDRAM standard; expandable to 384 MB via two SODIMMs 4.2 GB Ultra DMA 33 hard drive 3.5-inch, 1.44 MB floppy drive Operating System Support Windows 95 Windows NT 4.0 (VXIplug&play compatible) I/O & Connectivity Advanced Graphics Port (AGP) with 2 MB 64-bit accelerated SGRAM Wide Ultra SCSI-3 port 10/100 BaseT Ethernet (RJ45) IEEE 488.2 GPIB Two RS-232 serial ports IEEE-1284 parallel port Two USB ports (Windows 95 only) PS/2 keyboard and mouse ports Expansion One internal AT/PCI slot (full-length PCI or 16-bit ISA) Two front panel PCMCIA slots (Type I/II/III and Type I/II) Key Features Field-upgradeable Pentium II processor in Slot 1 architecture Dual PCMCIA slots support multiple peripheral configurations VISA and SICL programming interfaces VXI Resource Manager compatibility Embedded directly into E84XX, E1401B, or E1421B mainframes Typical Applications Automation of multi-slot VXI measurement systems, ATE controllers for complex test sequences, data acquisition and processing in distributed measurement networks. Compatibility & Integration Integrates as a message-based VXI controller within standard Keysight mainframes. Supports VXI Resource Manager configuration. GPIB, Ethernet, and serial interfaces enable integration into existing test infrastructure.

E9850A Characteristics / Specifications

PARAMETER	VALUE
Model	E9850A
Instrument Type	VXI embedded PC controller
Card Format	C size 2 slot
Processor Speed	450 MHz Pentium II class
Chipset	Intel 440BX
Level Two Cache	512 KB
Standard SDRAM	64 MB
Maximum Main Memory	384 MB via SO DIMM sockets
SO DIMM Sockets	3
Front Side Bus Class	100 MHz
Hard Drive Class	4.2 GB Ultra DMA 33 or better
Floppy	3.5 inch 1.44 MB
Ethernet	10/100 BaseT RJ45
GPIO	IEEE 488.2
SCSI	Wide Ultra SCSI 3
USB Ports	2
Serial Ports	2 RS 232
Parallel Port	IEEE 1284
Video	AGP with 2 MB 64 bit SGRAM SVGA
PCMCIA	Type I/II/III plus Type I/II slots
Internal Expansion	full length PCI or 16 bit ISA
Operating System Class	Windows NT 4.0
VXI Role	message based embedded controller

E9850A Specifications

PARAMETER	VALUE
Keysight E9850A VXI Pentium Embedded PC Controller	Overview
Two slot C size embedded VXI PC	450 MHz Pentium II or better field upgradeable Slot 1 CPU
Technical Specifications	Model: E9850A
Notes	Numeric rows from Agilent/HP E985xA User and Service Manual and E9850A product descriptions.

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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Serial Ports	2 RS 232
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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.