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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP E4806A Embedded PC Controller

The HP/Agilent E4806A is an embedded PC controller module (VXI/system family) providing a PC CPU in the instrument cage for local control and Slot 0 class functions depending on configuration. Related to E6235A VXI Pentium controllers. Used where an embedded Windows/PC stack is required inside the mainframe. Embedded PC control of VXI/system instruments; local test executive; alternative to external GPIB PC plus E1406A. Storage: onboard/removable disk of the era Not E4805: clock-distribution family is different (E4805 cables exist) Software: VXI plug and play / PC test executive Embedded PC controller identity from HP E4806A catalog title. CPU clock RAM and exact VXI slot width are on the module label. Confirm Slot 0 jumper versus E1406A coexistence rules before installing two Slot 0 devices.



MODEL

**Keysight / Agilent /
HP E4806A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E4806A

LISTING

<https://aumictechlabs.com/products/e4806a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight/Agilent/HP E4806A is a C-size, 2-slot VXI embedded controller purpose-built for automated test systems. Running Windows NT 4.0, this embedded PC integrates directly into VXI mainframes and delivers the processing, storage, and connectivity required for instrument control

and data acquisition in production and R&D environments. Technical Specifications Processor & Memory 200 MHz processor RAM: 32 MB to 256 MB Hard drive: 512 MB to 2 GB Floppy drive included Operating System Windows NT 4.0 Interfaces Integrated GPIB Integrated Ethernet Integrated SCSI Physical Form Factor C-size, 2-slot VXI module Key Features The E4806A consolidates processor, memory, and mass storage into a single VXI-compatible module, eliminating the need for external controller hardware. Built-in GPIB connectivity enables direct instrument communication. Ethernet and SCSI interfaces support network integration and high-speed data transfer. Configurable RAM and hard drive options accommodate different system requirements and test complexity levels. Typical Applications Automated test equipment (ATE) systems, production test environments, benchtop instrument control, data logging and acquisition, distributed measurement systems using VXI architecture. Compatibility & Integration Designed for integration into various VXI mainframes. The 2-slot form factor and C-size mechanical specification ensure compatibility with standard VXI chassis. Windows NT 4.0 support enables use of standard Windows-based test software and instrument drivers.

Features & description

From manufacturer datasheet

Features

- Embedded PC (notaGPIB-only command module)

E4806A Characteristics / Specifications

PARAMETER	VALUE
Model	E4806A
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	Embedded PC Controller
Alias	E4806A; HP E4806A; Agilent E4806A
Function	embedded PC system controller
Related E6235A	VXI Pentium PC controller
Related E1406A	VXI GPIB command module
Form	plug-in controller module
Host	VXI or designated system mainframe (confirm faceplate)
CPU	embedded PC class
Slot	controller/resource-manager capable family
Host OS	PC OS of the generation (confirm disk image)
Storage	onboard/removable disk of the era
Network	Ethernet class if populated
Peripherals	video/keyboard class
Power	backplane high current
Cooling	high-airflow slots
Status	HP E4806A EOL
NotADigitizer	controller
Not E48	clock-distribution family is different (E4805 cables exist)
Software	VXI plug and play / PC test executive
BIOS	PC BIOS
Watchdog	controller family
Interfaces	PC I/O plus VXI backplane
Memory	DRAM population

PARAMETER	VALUE
Firmware	controller firmware
Use	local controller
Documentation	E4806A installation Notes Embedded PC controller identity from HP E4806A catalog title. CPU clock RAM and exact VXI slot width are on the module label. Confirm Slot 0 jumper versus E1406A coexistence rules before installing two Slot 0 devices.

E4806A Specifications

PARAMETER	VALUE
HP Agilent E4806A Embedded PC Controller	Overview
Applications	Embedded PC control of VXI/system instruments; local test executive; alternative to external GPIB PC plus E1406A.
Technical Specifications	Model: E4806A

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: E4806A installation

Notes

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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.