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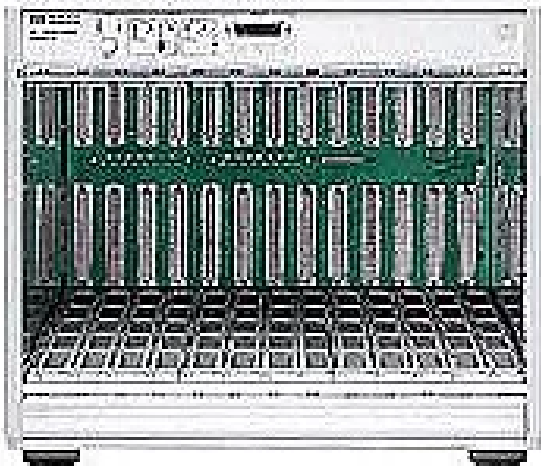
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E8404A

Agilent Keysight HP E8404A C-Size VXI Mainframe 13-Slot 1000 W Enhanced Monitor The Agilent E8404A is the enhanced-monitoring 13-slot C-size VXI mainframe with 1000 W usable power. OEM E8400 Series datasheet rates full-color display monitoring of temperatures, supply voltages/currents, fans, system status, history queue, and strip charts via VXIbus or RS-232. High-reliability C-size VXI systems needing detailed thermal and power diagnostics alongside 1000 W capacity. Full color display of temperatures voltages currents and fan status The Agilent E8404A is the enhanced-monitoring 13-slot C-size VXI mainframe with 1000 W usable power. OEM E8400 Series datasheet rates full-color display monitoring of temperatures, supply voltages/currents, fans, system status, history queue, and strip charts via VXIbus or RS-232. High-reliability C-size VXI systems needing detailed thermal and power diagnostics alongside 1000 W capacity. Full color display of temperatures voltages currents and fan status History queue with strip charts or histograms



MODEL

**Agilent / Keysight
E8404A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E8404A

LISTING

<https://aumictechlabs.com/products/e8404a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight E8404A is a 13-slot C-size VXI mainframe delivering 1000 watts of usable power for complex automated test equipment and data acquisition systems. It combines an advanced air distribution cooling system with refined backplane architecture and real-time

diagnostics to support high-reliability testing in laboratory and production environments. Surface-mount construction, solid-state daisy-chain logic, and differential CLK10 distribution ensure signal integrity across all slots.

Technical Specifications

Form Factor: C-size, 13-slot VXI mainframe

Usable Power: 1000 watts

Cooling System: Innovative air distribution with variable or full-speed fan control; separate power supply cooling fan with independent air path for thermal efficiency

Backplane: Surface-mount construction with no sockets; solid-state automatic daisy-chain jumpering for BUS GRANT and IACK signals; full differential CLK10 distribution; ACFAIL* and SYSRESET* signals compliant with VMEbus and VXIbus specifications

Temperature Monitoring: Module exhaust temperature at three points per slot, power supply temperature, and ambient temperature

Diagnostics: History queue, strip charts, histograms, and full-color graphics display; accessible via VXIbus or RS-232 connection using SCPI commands

Key Features

Enhanced monitoring system tracks temperatures, power supply voltages and currents, fan operation, and system status throughout the mainframe

Front-panel diagnostics connector enables continuous local or remote system monitoring

QUIC easy module insertion and extraction system with injector surface rails

Rear-accessible power supply and cooling components allow in-rack maintenance without frame removal

Plug-in power supply design supports field service

Typical Applications

Complex automated test equipment (ATE)

Multi-channel data acquisition systems

Laboratory and enterprise test environments requiring extended operation and detailed diagnostics

Compatibility & Integration

VXI Specification compliant backplane and bus architecture

RS-232 and VXIbus interfaces for system control and remote monitoring

SCPI command set for mainframe addressing and control

E8404A Characteristics / Specifications

PARAMETER	VALUE
Model	E8404A
Series	E8400
Instrument Type	C-size VXI mainframe with enhanced monitoring
Slot Count	13
Slot Labels	0 through 12
Usable Power	1000 W
Monitoring Class	enhanced
Display	full color
Temperature Monitor Points	13 slots front mid rear exhaust
Power Monitor Quantities	supply voltages and currents
Fan Monitor	fans operation status
Interface Paths	VXIbus and RS-232
Line Voltage	90 to 264 Vac
Line Frequency Primary	47 to 66 Hz
Backplane Standard	VXIbus C-size
Cooling	innovative air distribution impeller system
Diagnostics Connector	front panel
Product Family Members	E8401A E8403A E8404A
Compared To E8403A	same 1000 W power with enhanced monitoring
History Queue	supported
Strip Charts Histograms	supported
Size Class	C-size VXI
Operating Temperature Power Spec	0 to 55 C
High Frequency Line Path	360 to 440 Hz at 90 to 132 Vac
Slot 0 Function	reserved for slot-0 controller or command module

PARAMETER	VALUE
Operating temperature	Power Spec: 0 to 55 C

E8404A Specifications

PARAMETER	VALUE
Applications	High-reliability C-size VXI systems needing detailed thermal and power diagnostics alongside 1000 W capacity.
Technical Specifications	Model: E8404A
Notes	From Keysight/Agilent E8401A E8403A E8404A VXI Mainframes data sheet enhanced monitoring description for E8404A.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Power Spec: 0 to 55 C
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High Frequency Line Path	360 to 440 Hz at 90 to 132 Vac
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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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Notes

From Keysight/Agilent E8401A E8403A E8404A VXI Mainframes data sheet enhanced monitoring description for E8404A.

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

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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.