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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 8404A

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
8404A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

8404A

LISTING

<https://aumictechlabs.com/products/8404a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 8404A is a C-size, 13-slot VXI mainframe designed for electronic testing and measurement applications. Part of the E8400 Series, it delivers 1000 watts of usable power with dynamic and peak current capability for demanding automated test systems. The mainframe combines innovative air distribution cooling, enhanced system monitoring, and improved

backplane design to achieve superior reliability and operational efficiency. Technical Specifications Form Factor: C-size, 13-slot VXI mainframe Power Supply: 1000 watts usable power with ample dynamic and peak current capability Cooling System: Innovative air distribution system with quiet, efficient operation. Enhanced monitoring reports temperatures, power supply voltages and currents, fan operation, and system status Dimensions: 352 mm H (8 EIA rack units) × 424.5 mm W × 631 mm D Weight: 25 kg (55 lbs) Key Features Full-color front-panel display with comprehensive diagnostics Remote monitoring via VXIbus or RS-232 connections Front-panel diagnostics connector for continuous local or remote system supervision Improved backplane design with enhanced reliability and performance QUIC easy module insertion and extraction system via injector surface rails Convenient rear-panel access to power supply and cooling fan for field maintenance VXI specification compliance Operational Capabilities The 8404A delivers real-time system status visibility through detailed temperature, voltage, current, and fan monitoring. Enhanced cooling control maintains thermal stability across demanding test cycles, while the optimized backplane architecture supports reliable, high-throughput module communication. Compatibility & Integration Designed for integration into VXI test system architectures. Supports VXIbus and RS-232 for system communication and remote diagnostics. Compliant with VXI specifications for module insertion and extraction.

8404A 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

8404A 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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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

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.