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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E8408A

Keysight E8408A 4-Slot C-Size VXI Mainframe The Keysight E8408A is a compact 4-slot C-size VXI mainframe providing 175 W usable power, basic mainframe monitoring, and quiet two-speed cooling per the Agilent E8408A data sheet 5968-3564E. Portable and small-rack VXI systems, low channel-count data acquisition, and field-service VXI instruments. Usable Power 0 To 40 C: 175 W at 90 to 264 Vac The Keysight E8408A is a compact 4-slot C-size VXI mainframe providing 175 W usable power, basic mainframe monitoring, and quiet two-speed cooling per the Agilent E8408A data sheet 5968-3564E. Portable and small-rack VXI systems, low channel-count data acquisition, and field-service VXI instruments. Usable Power 0 To 40 C: 175 W at 90 to 264 Vac Height Without Bumpers: 133 mm 5.25 in 3 EIA units



MODEL

**Agilent / Keysight
E8408A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E8408A

LISTING

<https://aumictechlabs.com/products/e8408a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight E8408A is a C-size, 4-slot VXI mainframe engineered for demanding test and measurement applications requiring compact form factor and field portability. This fully VXIbus Specification Rev 1.4-compliant platform delivers 175 W of usable power across its four slots, with integrated thermal management and comprehensive mainframe monitoring for extended operational reliability. Technical Specifications Chassis & Power Distribution VXI mainframe: C-size, 4 slots Usable power: 175 W (0–40°C); derates to 150 W (40–50°C) and 125 W

(50–55°C) Input voltage: 90–264 Vac Power supply protection: over-temperature, over-voltage, short-to-ground, short-to-other-output Backplane Voltages +5V: +4.875V to +5.125V +12V: +11.64V to +12.6V –12V: –12.6V to –11.64V +24V: +23.28V to +25.2V –24V: –25.2V to –23.28V –5.2V: –5.46V to –5.044V –2V: –2.1V to –1.9V Thermal Management Two-speed fan with full-speed automatic and variable-speed temperature-compensated modes Rear-panel airflow entry; left-side exhaust (horizontal orientation) Rack mounting clearance: 50 mm rear and left side Backplane Architecture Solid-state automatic daisy-chain jumpering for VMEbus grant and interrupt acknowledge lines Full differential CLK10 distribution for minimized jitter and skew Surface-mount construction for signal integrity SYSRESET and ACFAIL generation per VMEbus and VXIbus specifications Key Features Compact 3U height (133.3 mm) with lightweight design optimized for portable and space-constrained installations Real-time front-panel monitoring: power supply voltages, temperature, and fan status Dual-mode fan control switches: Full Speed and Variable Speed operation Rear-accessible power supply and cooling fan for in-rack maintenance without chassis removal Surface-mount backplane design enhances signal performance and reliability Physical Specifications Width: 362 mm (14.3 in.) Depth: 540 mm (21.3 in.) Height: 133.3 mm (5.25 in.) Weight: 8 kg Compatibility & Integration Fully compliant with VXIbus Specification Rev 1.4 and VMEbus standards. Supports any VXI module within the 175 W power envelope and thermal limits across all four slots.

E8408A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	C-size VXI mainframe
Vxi Device Type	Mainframe
Vxi Slots Available	4
Connectors	P1 P2
Size Class	C
Usable Power 0 To 40 C	175 W at 90 to 264 Vac
Usable Power 40 To 50 C	150 W
Usable Power 50 To 55 C	125 W
Peak Current Plus5V Imp	17 A
Peak Current Plus12V Imp	2.7 A
Peak Current Minus12V Imp	2 A
Peak Current Plus24V Imp	2 A
Peak Current Minus24V Imp	2 A
Peak Current Minus5p2V Imp	2 A
Peak Current Minus2V Imp	2 A
Dynamic Current Plus5V Imd	2.5 A
Dynamic Current Plus12V Imd	1.0 A
Height Without Bumpers	133 mm 5.25 in 3 EIA units
Width Without Bumpers	362 mm 14.3 in
Depth Without Bumpers	540 mm 21.3 in
Weight Without Bumpers	8.6 kg
Height With Bumpers	152 mm 6.0 in
Weight With Bumpers	9.1 kg
Input Voltage Low Band	90 to 140 Vac at 47 to 440 Hz
Input Voltage Full Band	90 to 264 Vac at 47 to 66 Hz

PARAMETER	VALUE
Maximum Input Power	280 VA
Inrush Typical At 132 Vac	less than 35 A
Inrush Typical At 264 Vac	less than 75 A
Acoustic Noise High Speed Fan	less than 40 dBA at 1 m
Acoustic Noise Variable Low Speed	less than 30 dBA at 1 m
Operating Temperature	0 C to plus 55 C
Storage Temperature	minus 40 C to plus 70 C
Altitude Maximum	3000 m
Mttr Power Supply	less than 20 min
Airflow Clearance Recommended	50 mm rear and left side

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 40 C to plus 70 C
Operating temperature	0 C to plus 55 C
Operating Temperature	0 C to plus 55 C
Altitude Maximum	3000 m
Mttr Power Supply	less than 20 min
Airflow Clearance Recommended	50 mm rear and left side Notes Numeric rows from Agilent E8408A VXI Mainframe data sheet 5968-3564E. Current ratings apply at the backplane 0 to 55 C.

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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Acoustic Noise High Speed Fan	less than 40 dBA at 1 m
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Operating Temperature	0 C to plus 55 C
Storage Temperature	minus 40 C to plus 70 C
Altitude Maximum	3000 m
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Airflow Clearance Recommended	50 mm rear and left side

Notes

Numeric rows from Agilent E8408A VXI Mainframe data sheet 5968-3564E. Current ratings apply at the backplane 0 to 55 C.

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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NIST-traceable calibration · SAM registered ·
30-day returns
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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.