

KEYSIGHT TECHNOLOGIES (AGILENT HP)

E8408A

The Keysight (formerly Agilent/HP) E8408A is a high-performance, 4-slot, C-size VXI mainframe designed for portable, benchtop, or small-scale automated test applications. Combining a highly compact half-rack footprint with 324 W of usable power and robust peak currents on all major VXI voltage rails, the E8408A ensures full compatibility with the VXIbus Revision 1.4 standard while maintaining efficient, quiet, and reliable operation.

SPECIFICATIONS

General

Interfaces	None (determined by Slot 0 controller card)
Display	None (status LEDs only)

Physical

Power Supply	90 to 264 VAC, 47 to 66 Hz (and 360 to 440 Hz at 115 VAC)
Operating Temperature	0 to 55 °C °C
Dimensions (W×H×D)	213 mm × 222 mm × 561 mm mm
Weight	11.3 kg kg

System Architecture & Capacity

Number of Module Slots	4
Compatible Module Size	VXI C-size
VXIbus Compliance Version	Revision 1.4

Power Specifications

Maximum Usable Module Power	324 W (at 55 °C)
Maximum Mains Input Power	500 VA
+5V Rail Peak Current	30 A
+12V Rail Peak Current	4 A
+24V Rail Peak Current	4 A
-5.2V Rail Peak Current	15 A
-2V Rail Peak Current	5 A
+5V Rail Dynamic Current	4.5 A
+12V Rail Dynamic Current	1.0 A
+24V Rail Dynamic Current	1.5 A
-5.2V Rail Dynamic Current	3.0 A
-2V Rail Dynamic Current	1.0 A

Physical Characteristics

Form Factor	5U portable / benchtop (half-rack width)
Cooling Fan Speed Modes	High / Variable switchable on rear panel

User Interface & Operation

Diagnostic Interface	Rear-panel analog power supply monitoring connector
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Environmental & Compliance

Storage Temperature Range	-40 °C to +75 °C
Operating Humidity Range	Up to 95% R.H. (non-condensing)
Maximum Operating Altitude	4600 m
Maximum Storage Altitude	15000 m

Acoustics

Acoustic Noise (Low Fan Speed)	30 dBA (bystander position at 1m)
Acoustic Noise (High Fan Speed)	42 dBA (bystander position at 1m)

Backplane Specifications

Automatic Daisy-chain Jumpering	Yes (for IACK and BG signals)
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VXI Backplane

System Clock (CLK10)	10 MHz
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Compliance

Safety Compliance	IEC 61010-1, EN 61010-1, UL 3111-1, CSA C22.2 No. 1010.1
EMC Compliance	EN 55011 (Group 1, Class A), EN 50082-1

TECHNOLOGY

VXI

APPLICATIONS

Modular automated test system mainframe

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.