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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E1300A

The Agilent/Keysight E1300A is a B-size VXI mainframe with nine slots and a built-in command module functionally identical to the E1306A. OEM materials list 7 external B-size slots, 2 internal slots for optional E1326A/B DMM, 3 external A-size slots, GPIB resource manager, and compact 120 W class power. Compact B-size data acquisition, scanning multimeter systems, and GPIB-controlled Series BVXI instruments without a separate command module. Standard Series B cooling (B revision adds dual fans) Internal B-size Slots: 2 dedicated for E1326A/B path Built In Command Module: E1306A functional equivalent Optional Memory Expansion: 512 kB or 1 MB class Maximum Combined Power Output: 120 W at 40 C Slot counts, power, dimensions, and built-in command module from Agilent/HP E1300A/E1301A family datasheets and configuration guides. Confirm installed DMM/IBASIC options on rear labels.



MODEL

**Agilent / Keysight
E1300A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1300A

LISTING

<https://aumictechlabs.com/products/e1300a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight E1300A is a B-size VXI mainframe that is the backplane and infrastructure hub for modular VXI-based automated test systems. It accommodates nine total slots: seven external B-size slots, two internal B-size slots for 2-slot multimeters (E1326A/E1326B), and three external A-size slots for peripherals such as the E1324A RS-232C/422 interface. Technical Specifications Architecture & Connectivity Built-in command module functionally equivalent to E1306A Primary interface: HP-IB (IEEE-488) Data transfer bus: 16 bits VME bus: P1 only RS-232

support: Up to 19200 Baud Power input: 115 Vac / 230 Vac, 50 Hz to 400 Hz Memory Non-volatile battery-backed RAM (base): 256 KB Optional expansion: 512 KB, 1 MB, 2 MB Typical uses: OS, drivers, program storage Thermal & Power Protection Cooling: Standard airflow (enhanced dual-fan cooling available in E1300B/E1301B variants) Over-temperature, over-voltage, over-current, and short-to-ground protection on all backplane outputs ACFAIL* and SYSRESET* signals generated per VXI Specification Revision 1.4

Key Features Nine modular slots enable flexible instrument configuration Integrated HP-IB command module eliminates need for external controller in many applications IBASIC controller language option for standalone operation with DC power Battery-backed non-volatile memory ensures program persistence Wide input voltage and frequency range supports global deployment Rack-mount compatible architecture

Typical Applications Automated test and measurement system backbones Data acquisition and instrumentation integration Production test environments requiring modular expansion

Compatibility & Integration The E1300A integrates with VXI plug&play frameworks and supports legacy HP-IB control schemes. It accepts E1326A/E1326B multimeters and other VXI-compliant modules. The E1301A/B variant adds front-panel keyboard control for manual operation and diagnostics.

E1300A Characteristics / Specifications

PARAMETER	VALUE
Module Size Supported	B
Total Slots	9
ExternalBSize Slots	7
InternalBSize Slots	2 dedicated for E1326A/B path
ExternalASize Slots	3
Backplane Connectors	P1
Data Transfer Bus	16 bits
Built In Command Module	E1306A functional equivalent
GPIB Interface	yes
Resource Manager	yes
Memory Base	256 kB battery backed RAM
Maximum Combined Power Output	120 W at 40 C
Plus 5 V Peak Current	12.2 A
Plus 12 V Peak Current	4.6 A
Minus 12 V Peak Current	0.9 A
AC Input	115/230 Vac
AC Frequency	50 Hz to 400 Hz
Height Without Feet	177 mm
Height With Feet	189 mm
Width	426 mm
Depth Rack	510 mm
Depth With Terminal Blocks	569 mm
Weight	7.4 kg
Front Panel Keyboard	no (see E1301A)
Related Dual Fan Model	E1300B

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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PARAMETER	VALUE
Module Size Supported	B
Total Slots	9
ExternalBSize Slots	7
InternalBSize Slots	2 dedicated for E1326A/B path
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Backplane Connectors	P1
Data Transfer Bus	16 bits
Built In Command Module	E1306A functional equivalent
GPIB Interface	yes
Resource Manager	yes
Memory Base	256 kB battery backed RAM
Optional Memory Expansion: 512 kB or 1 MB class	
Optional IBASIC: yes	
Specifications	
PARAMETER	VALUE
Maximum Combined Power Output	120 W at 40 C
Plus 5 V Peak Current	12.2 A
Plus 12 V Peak Current	4.6 A
Minus 12 V Peak Current	0.9 A
AC Input	115/230 Vac
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Width	426 mm
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PARAMETER	VALUE
Weight	7.4 kg
Front Panel Keyboard	no (see E1301A)
Related Dual Fan Model	E1300B

Notes

Slot counts, power, dimensions, and built-in command module from Agilent/HP E1300A/E1301A family datasheets and configuration guides. Confirm installed DMM/IBASIC options on rear labels.

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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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.