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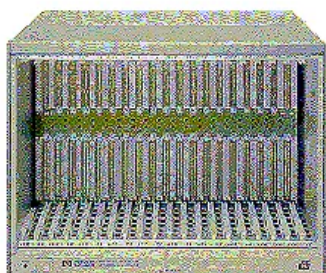
Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E1302A

The Agilent/Keysight E1302A isaB-size VXI mainframe listed in OEM service/compatibility tables alongside E1300A/E1301A for SeriesBmodules such as E1361A. It provides B-size slots and works with command modules for GPIB-controlled VXI systems. B-size VXI instrument hosting for SeriesBmultiplexers, DMMs, and switch modules. Compatible with E1306A class command control Cited in module service manuals as supported mainframe Optional Internal DMM Path Class: E1326 family compatible systems class Power Supply Rails Class: +5 V +12 V -12 V VXI class Resource Manager Path: via installed command module Mainframe identity and compatibility list from Agilent module service manuals (e.g., E1361A recommended equipment tables citing E1302A). Use the E1302A mainframe manual for exact slot/power tables for the installed revision.



MODEL

**Agilent / Keysight
E1302A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1302A

LISTING

<https://aumictechlabs.com/products/e1302a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight E1302A is a VXI mainframe designed to house and operate VXI modules. It has a solid platform for building automated test systems, offering a high-density slot count and efficient cooling. Technical Specifications General: Manufacturer: Keysight Technologies (formerly Agilent/HP) Model: E1302A Product Type: VXI Mainframe Form Factor: B-Size, 20-Slot Condition: Available as used equipment, often tested and with warranty from specialized resellers. VXI Characteristics: VXI Device Type: Mainframe Data Transfer Bus: 16/24 bits VXI Busses: Not

specified (n/a) Shared Memory: Not specified (n/a) Connectors: P1/P2 Row B (VME/VXI) Power Specifications: Total Usable Power: 350 W maximum at 40°C; 300 W at 55°C Power Supply Output: Generates ACFAIL* and SYSRESET* backplane logic signals compliant with VXI Specification Revision 1.4. DC Output Voltages & Currents: * +5 V: 50 A peak, 3.5 A dynamic * +12 V: 8 A peak, 1.5 A dynamic * -12 V: 4 A peak, 0.5 A dynamic Power Supply Protection: All outputs protected against over-temperature, over-voltage, over-current, short-to-ground, and short to other supplies. Protection mode is full shutdown, with recovery upon fault removal or cooling. Power Input: * Input Voltage: 90 Vac to 240 Vac * Input Frequency: 47 Hz to 63 Hz * Inrush Current: <10A at 230Vac * +NSTDBV (Standby Voltage): 3 A max (user-supplied; power taps located on rear) Cooling System: Type: Keysight's Pressurized Air Channel cooling system. Airflow: Cooling air intake is through the rear of the mainframe. Module Cooling: 35W per slot (10°C rise) Temperature Rise: 10°C through the module for a 30W module with typical density. Interfaces & Control: Automatic Daisy-Chaining: Solid-state automatic daisy-chain jumpering for VMEbus grant and interrupt acknowledge lines, eliminating manual switch settings. Physical Specifications: Dimensions (Approximate): * Height without bottom feet: 311 mm (12.25 in) * Height with bottom feet: 324 mm (12.75 in) * Width: 432 mm (17.0 in) * Depth without rear feet: 432 mm (17.0 in) * Depth with rear feet: 470 mm (18.5 in) Weight: 15 kg (34 lbs) Rack-Mounting: Recommended for rack-mount and recess-mount configurations, as well as benchtop use. Requires at least 100 mm (4 in) of front clearance for modules and cabling. Serviceability: Power supply and fans are serviceable from the rear of the mainframe. Access: Easy access to P2 rows A and C at the rear of the backplane. Environmental and Regulatory: Acoustic Noise: Less than 55 dBA sound pressure at a bystander position (measured 1 m in front of the product per DIN 45635T.1). Compatibility: VXIbus Standard: Compliant with VXI bus standards. Module Integration: Designed to house and operate various B-size VXI plug-in modules. Why Choose Aumictech for Agilent/Keysight E1302A? At Aumictech, we specialize in supplying high-end VXI test and measurement equipment. Whether you need a solid mainframe for complex automated test systems, versatile signal routing capabilities, or reliable performance for your lab applications, our team ensures the Agilent/Keysight E1302A delivers maximum performance for your application.

E1302A Characteristics / Specifications

PARAMETER	VALUE
Module Size Supported	B
Product Type	VXI mainframe
Backplane Connectors	P1
Related Mainframes	E1300A E1301A E1401B/T
Command Module Compatibility	E1306A / E1405A/B class per cited tables
Typical Hosted Modules	E13xx multiplexers and matrices
VXI Device Type	mainframe
Data Transfer Bus Class	16 bit P1
Operating Temperature Class	0 to 55 C
AC Mains Class	115/230 Vac class SeriesBForm Factor: B-size chassis
Slot	command module required or integrated depending on configuration
GPIB Control Path	via command module
RS232 Path	via command module class
Logical Address Rule	multiples of 8 for many SeriesBcards
Analog Bus Support	yes for scanning multimeter cables
Digital Bus Support	yes for FET mux handshake cablesCSize Modules: not directly without adapters
Documentation	SeriesBmainframe / configuration guides
Cooling	SeriesBmainframe cooling
ExternalBSize Slots Class	SeriesBmulti-slot map class
Power Supply Rails Class	+5 V +12 V -12 V VXI class
Resource Manager Path	via installed command module
SCPI Support	yes with command module
Operating temperature	Class: 0 to 55 C

E1302A Specifications

PARAMETER	VALUE
Agilent E1302A B Size VXI Mainframe	Overview
Hosts Series B plug in modules	Compatible with E1306A class command control
Cited in module service manuals as supported mainframe	P1 backplane for B-size cards

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 55 C
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Operating Temperature Class	0 to 55 C
AC Mains Class	115/230 Vac class SeriesBForm Factor: B-size chassis
Slot	command module required or integrated depending on configuration
GPIO Control Path	via command module
RS232 Path	via command module class
Logical Address Rule	multiples of 8 for many SeriesBcards
Analog Bus Support	yes for scanning multimeter cables
Digital Bus Support	yes for FET mux handshake cablesCSize Modules: not directly without adapters
Documentation	SeriesBmainframe / configuration guides
Cooling	SeriesBmainframe cooling
ExternalBSize Slots Class	SeriesBmulti-slot map class
Power Supply Rails Class	+5 V +12 V -12 V VXI class
Resource Manager Path	via installed command module
SCPI Support	yes with command module Notes Mainframe identity and compatibility list from Agilent module service manuals (e.g., E1361A recommended equipment tables citing E1302A). Use the E1302A mainframe manual for exact slot/power tables for the installed revision.

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	
Specifications	
PARAMETER	VALUE
Module Size Supported	B
Product Type	VXI mainframe
Backplane Connectors	P1
Related Mainframes	E1300A E1301A E1401B/T
Command Module Compatibility	E1306A / E1405A/B class per cited tables
Typical Hosted Modules	E13xx multiplexers and matrices
VXI Device Type	mainframe
Data Transfer Bus Class	16 bit P1
Operating Temperature Class	0 to 55 C
AC Mains Class	115/230 Vac class SeriesBForm Factor: B-size chassis
Slot 0	command module required or integrated depending on configuration
GPIB Control Path	via command module
RS232 Path	via command module class
Logical Address Rule	multiples of 8 for many SeriesBcards
Analog Bus Support	yes for scanning multimeter cables
Digital Bus Support	yes for FET mux handshake cablesCSize Modules: not directly without adapters
Documentation	SeriesBmainframe / configuration guides
Cooling	SeriesBmainframe cooling
ExternalBSize Slots Class: SeriesBmulti-slot map class	
Optional Internal DMM Path Class: E1326 family compatible systems class	
Specifications	
PARAMETER	VALUE
Power Supply Rails Class	+5 V +12 V -12 V VXI class
Resource Manager Path	via installed command module
SCPI Support	yes with command module

Notes

Mainframe identity and compatibility list from Agilent module service manuals (e.g., E1361A recommended equipment tables citing E1302A). Use the E1302A mainframe manual for exact slot/power tables for the installed revision.

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.