

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

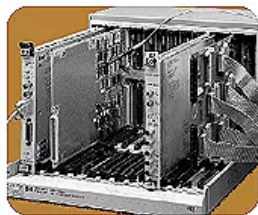
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E1401T

VXI automated test systems, multi-module instrument racks, and high-power VXI module hosting. Related Variants: E1401T and other E1401 versions Cooling: Forced-air mainframe cooling class Control Interfaces: Via installed slot-0 / interface modules Related Variants: E1401T and other E1401 versions Cooling: Forced-air mainframe cooling class Control Interfaces: Via installed slot-0 / interface modules Operating Temperature Spec Class: Follow E1401 sheet



MODEL

**Agilent / Keysight
E1401T**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1401T

LISTING

<https://aumictechlabs.com/products/e1401t-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight E1401T is a C-size, 13-slot VXI mainframe for constructing modular test and measurement systems. It has a high-density platform with a VXI backplane, power distribution, and integrated cooling for housing up to 13 C-size VXI modules. The E1401T delivers high peak and dynamic current capabilities, making it suitable for power-intensive instrumentation applications while maintaining compliance with VXI Specification and VXIplug&play standards. Technical Specifications Form Factor: C-Size, 13 slots Cooling System: Pressurized Air Channel technology with rear intake and side/top exhaust; variable speed fan with high-speed override option Backplane: Solid-state automatic daisy-chain jumpering for VMEbus grant and interrupt acknowledge lines; compatible with VXI backplane connector shield kits Power Supply: Input: 100-240 VAC 50/60 Hz (automatic voltage ranging); 400 Hz AC; 100-370 VDC Power factor

corrected input section Usable power output: 1690 W at 120-240 VAC/25°C ambient; 900 W at 120-240 VAC; 650 W at 100 VAC Protections: Over-temperature, over-voltage, over-current, short-to-ground/other supplies Generates ACFAIL* and SYSRESET* logic signals per VXI Specification Revision 1.4 Remote monitoring of supply voltages, on/standby control, ACFAIL, SYSRESET, and +5VSTDBY via rear panel Module Compatibility: C-size VXI modules; optional carrier support for A- or B-size modulesKey Features Efficient, uniform airflow management through dual intake/exhaust design Ultra-reliable power supply with multiple input voltage configurations Automatic backplane jumpering eliminates manual switch configuration Rear-accessible airflow and power components simplify servicing High peak and dynamic current delivery for demanding loadsTypical Applications Custom automated test systems High-density instrumentation platforms Development and prototype test benches Power-intensive measurement applicationsCompatibility & Integration Full compliance with VXI Specification Revision 1.4 and VXIplug&play standards ensures interoperability across VXI ecosystems. Compatible with Agilent backplane shielding kits (E1409B) and supports both C-size modules and carrier-based A/B-size module installations.

Features & description

From manufacturer datasheet

High power backplane supply class

ATE rack integration Supports Agilent/HP VXI modules System cooling for dense configurations
Technical Specifications Model: E1401T Instrument Type: VXI mainframe Slot Count: 13 Module Size: C-size Power Class: High-power VXI mainframe Platform Family: E1401 VXI mainframes Related Variants: E1401T and other E1401 versions Brand Lineage: Agilent / Keysight Backplane: VXI standard backplane Chassis Form: Rack-mount VXI mainframe Cooling: Forced-air mainframe cooling class Module Support: C-size VXI instruments Control Interfaces: Via installed slot-0 / interface modules Operating Temperature Spec Class: Follow E1401 sheet Documentation Scope: OEM E1401T mainframe documentation Ac Input: Mains powered per mainframe rating Installed Options: Rack ears, power options per sheet Weight Class: Full VXI mainframe mass class Slot 0 Support: Requires appropriate slot-0 controller/interface Safety Class: Follow VXI mainframe electrical ratings Warmup Spec Class: System ready after power-on self tests Maximum Module Power: Per high-power supply budget table Notes From Agilent/Keysight E1401T VXI mainframe documentation. Total module power draw must remain within the high-power supply budget.

E1401T Characteristics / Specifications

PARAMETER	VALUE
Model	E1401T
Instrument Type	VXI mainframe
Slot Count	13
Module Size	C-size
Power Class	High-power VXI mainframe
Platform Family	E1401 VXI mainframes
Related Variants	E1401T and other E1401 versions
Brand Lineage	Agilent / Keysight
Backplane	VXI standard backplane
Chassis Form	Rack-mount VXI mainframe
Cooling	Forced-air mainframe cooling class
Module Support	C-size VXI instruments
Control Interfaces	Via installed slot-0 / interface modules
Operating Temperature Spec Class	Follow E1401 sheet
Documentation Scope	OEM E1401T mainframe documentation
Ac Input	Mains powered per mainframe rating
Installed Options	Rack ears, power options per sheet
Weight Class	Full VXI mainframe mass class
Slot 0 Support	Requires appropriate slot-0 controller/interface
Safety Class	Follow VXI mainframe electrical ratings
Warmup Spec Class	System ready after power-on self tests
Maximum Module Power	Per high-power supply budget table
Operating temperature	Spec Class: Follow E1401 sheet

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Spec Class: Follow E1401 sheet
Operating Temperature	Spec Class: Follow E1401 sheet
Operating Temperature Spec Class	Follow E1401 sheet
Documentation Scope	OEM E1401T mainframe documentation
Ac Input	Mains powered per mainframe rating
Installed Options	Rack ears, power options per sheet
Weight Class	Full VXI mainframe mass class
Slot 0 Support	Requires appropriate slot-0 controller/interface
Safety Class	Follow VXI mainframe electrical ratings
Warmup Spec Class	System ready after power-on self tests
Maximum Module Power	Per high-power supply budget table Notes From Agilent/Keysight E1401T VXI mainframe documentation. Total module power draw must remain within the high-power supply budget.

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
Model	E1401T
Instrument Type	VXI mainframe
Slot Count	13
Module Size	C-size
Power Class	High-power VXI mainframe
Platform Family	E1401 VXI mainframes
Related Variants	E1401T and other E1401 versions
Brand Lineage	Agilent / Keysight
Backplane	VXI standard backplane
Chassis Form	Rack-mount VXI mainframe
Cooling	Forced-air mainframe cooling class
Module Support	C-size VXI instruments
Control Interfaces	Via installed slot-0 / interface modules
Operating Temperature Spec Class	Follow E1401 sheet
Documentation Scope	OEM E1401T mainframe documentation
Ac Input	Mains powered per mainframe rating
Installed Options	Rack ears, power options per sheet
Weight Class	Full VXI mainframe mass class
Slot 0 Support	Requires appropriate slot-0 controller/interface
Safety Class	Follow VXI mainframe electrical ratings
Warmup Spec Class	System ready after power-on self tests
Maximum Module Power	Per high-power supply budget table
Notes	
From Agilent/Keysight E1401T VXI mainframe documentation. Total module power draw must remain within the high-power supply budget.	

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.