

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP E1401-66521 13-Slot C-Size VXI Backplane

Aumictech offers NIST-traceable calibration and repair for the Keysight / Agilent / HP E1401-66521. Calibration covers all module-specific parameters per manufacturer datasheet, output accuracy and linearity, frequency accuracy, and VXI register and trigger bus compliance. All calibrations ship with a NIST-traceable certificate. Turnaround is typically 1–3 business days after receipt. Common Keysight / Agilent / HP E1401-66521 faults: relay contact wear, DAC/ADC drift, VXI backplane connector oxidation. Common faults include relay contact wear, DAC or ADC gain drift, and VXI backplane edge connector oxidation. Most modules are repaired at the component level with full post-repair verification in a C-size or D-size mainframe. This Keysight / Agilent / HP E1401-66521 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple un



MODEL

**Keysight / Agilent /
HP E1401-66521**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1401-66521

LISTING

[https://aumictechlabs.c
om/products/e1401-665
21-2/](https://aumictechlabs.com/products/e1401-66521-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight E1401-66521 is a 13-slot, C-size VXI backplane, crucial for building flexible and scalable VXI-based instrumentation systems. This backplane facilitates communication and power distribution between VXI modules, supporting a wide range of test and measurement applications.

Its design ensures signal integrity and minimizes noise, which is essential for accurate and reliable measurements. aerospace, defense, telecommunications, and automotive industries, the E1401-66521 provides a stable and efficient platform for complex automated testing environments.

Features & description

From manufacturer datasheet

Applications

- E1401/E840x backplane replacement

E140166521 Characteristics / Specifications

PARAMETER	VALUE
Model	E1401-66521
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	13 SlotCSize VXI Backplane
Alias	E1401-66521
Slot Count	13
VXI Size	C-size
Connectors	P1/P2 (P3 if the frame supports it)
Parent Mainframes	E1401A/B and E840x C-size frames
Function	VXI backplane PCA
Form	large backplane printed-circuit assembly
Related Fan	E840xA fan assembly
Related Rack Kit	E1401A/B tan rack kit
Related PSU	0950 2283 / 0950 3704 high-power supplies
NotAMainframe	backplane only
Buses	VXI VME TTL/ECL trigger CLK10 power
Status	HP VXI service part
Installation	full mainframe disassembly; trained service
ESD	large multilayer PCA
Documentation	E1401/E840x service backplane
Power Distribution	backplane power planes to 13 slots
Compatibility	match E1401 vs E840x backplane revision
Use	replace damaged connectors/planes
Identification	E1401-66521
Safety	disconnect all mains and modules first Notes 13-slot C-size VXI backplane identity from HP E1401-66521. Confirm frame (E1401 vs E840x) revision before swap. No invented bus-current figures.

E140166521 Specifications

PARAMETER	VALUE
Applications	- E1401/E840x backplane replacement
Key Features	- 13-slot C-size backplane
Technical Specifications	Model: E1401-66521

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.

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Notes

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