
VXI C-size Development Mainframe HP E1401T

Technical Specifications

- **Easy access to module PC board for development**
- **Specifications match those of the HP E1401B**
- **System for trained design/service personnel**
- **42 Vpk or 60 Vdc Maximum voltage to plug-in module**
- **240 VA Maximum voltamps to any board**



Description

The E1401T Development VXI Mainframe is a version of the HP E1401B C-size Mainframe that may be used as a VXI development or repair station. The Mainframe allows easy access to modules that are being developed or repaired. When combined with the VME preprocessor (HP E2441B) and HP logic analyzer, they form a powerful bus analyzer for monitoring VME cycle types and capturing bus error conditions. With a Slot 0 controller and the VME Interface for HP logic analyzers installed in the mainframe, there still is plenty of room to add your instruments and make cabling connections.

The HP E1401T Development VXI Mainframe meets all specifications of the E1401B C-size Mainframe including power and cooling. Refer to the HP E1401B C-size Mainframe for detailed specifications. Maximum voltage to be generated on, or supplied to, any plug-in module is 42 Vpk or 60 Vdc. Maximum volt-amps to be generated on, or supplied to, any board is 240 VA.

Refer to the HP Website directory of addresses (URLs) for instrument driver availability and downloading instructions.

Specifications

VXI Characteristics

VXI device type:	mainframe
Data transfer bus:	all per VXIbus Specification, Rev. 1.4
Size:	C
Slots:	13
Connectors:	P $\frac{1}{2}$
Shared memory:	n/a
VXI busses:	all per VXIbus Specification, Rev. 1.4
C-size compatibility:	n/a

Module Current

	I _{PM}	I _{DM}
+5 V:	60	9
+12 V:	12	2.5
−12 V:	12	2.5
+24 V:	12	5
−24 V:	10	5
−5.2 V:	60	8.5
−2 V:	30	4.5

Cooling/Slot

Watts/slot:	60 (10 °C rise)
Δ P mm H ₂ O:	n/a
Air Flow liter/s:	n/a

For More Information

VME/VXI Applications—Logic Analysis with Preprocessor, HP pub. no. 5952-3058.

Ordering Information

Description	Product No.
VXI C-size development mainframe	HP E1401T
3 yr. retn. to HP to 1 yr. OnSite warr.	HP E1401T W01

Data Subject to Change
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