
VXI Pentium® PC Controller (WIN NT/166 MHz) HP E6233A

Technical Specifications

- 166 MHz Intel Pentium® Processor
- SICL/VISA support
- Upgrade memory using standard SIMS
- Additional I/O interfaces available
- *VXIplug&play*-compatible with WIN NT



Description

The HP E6233A is a **C-size, 2-slot, message-based, PC controller** and can be used in either the HP E1401B or the HP E1421B Mainframe. Embedding the controller in the VXI chassis allows direct computer access of other VXI devices, system memory, and triggers as though they were part of the controller hardware. So, you don't need a separate command module.

The HP E6233A accesses the VXIbus with a full 32-bit wide data path (D32) for highest performance. It has one additional EXM slot for inclusion of an additional interface that can be ordered separately. For an alternative data path into and out of your VXI system, LAN connection is standard on this module. If you need high-performance in real-time applications or DOS/Windows 3.1 support, contact your local HP sales office.

Included with this product are 166 MHz processor, 1.0 GB disk, 3.5" floppy drive, 32 MB RAM, SCSI-II disk drive, RS-232, HP-IB, parallel ports, 1 EXM expansion slot, SVGA I/F, 2 MB VRAM, and 2 PS-2 ports.

Refer to the HP Website for instrument driver availability and downloading instructions.

Specifications

Processor:	Intel Pentium®
Clock speed:	166 MHz
Performance:	
MFLOPS:	n/a
SPEC int95:	4.82
SPEC fp95:	3.40
X11 Xmark 93:	n/a
SPECrate int92:	n/a
SPECrate fp92:	n/a
Main memory:	32-128 MB
Standard built-in interfaces:	RS-232 port USB port 2 PS- 2 ports LAN port HP-IB port Parallel port SCSI-II Video Trigger I/O Clock I/O
Additional interfaces:	HP-IB 2-channel RS-232 thick/thin LAN
Available slots:	1 EXM
Graphics support:	Color 640x480 800x600 1024x768 1280x1024
Internal mass storage:	Standard: 3.5-in Floppy 1.0 GB Hard Drive
O.S. (earliest supported):	Windows NT

VXI Characteristics

VXI device type:	Message-based Controller
Size:	C
Slots:	2
Connectors:	P1/2
Shared memory:	n/a
VXI busses:	TTL Trigger Bus ECL Trigger Bus
C-size compatibility:	Yes

Module Current

	I_{PM}	I_{DM}
+5 V:	11 A	0.31 A
+12 V:	40.2 mA	0.08 A
-12 V:	2.4 mA	0.03 A
+24 V:	—	—
-24 V:	—	—
-5.2 V:	335 mA	0.192 A
-2 V:	120 mA	0.08 A

Cooling/Slot

Watts/slot:	29
ΔP mm H₂O:	0.14
Air Flow liter/s:	5.6

Data Subject to Change
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