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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP E2078A PCI GPIB Interface for HP-UX 10.20 Workstations

HP Agilent E2078A PCI GPIB Interface for HP-UX 10.20 The HP E2078A isaPCI GPIB (HP-IB) interface card specified for HP-UX 10.20 workstations rather than Windows IO Libraries PCs. It provides IEEE 488 control from HP-UX PCI workstations (C-class/J-class era). Contrast with Windows 82350A/B. HP-UX 10.20 instrument control; legacy HP workstation ATE; SICL on HP-UX. Instrument Type: PCI GPIB Interface for HP-UX The HP E2078A isaPCI GPIB (HP-IB) interface card specified for HP-UX 10.20 workstations rather than Windows IO Libraries PCs. It provides IEEE 488 control from HP-UX PCI workstations (C-class/J-class era). Contrast with Windows 82350A/B. HP-UX 10.20 instrument control; legacy HP workstation ATE; SICL on HP-UX. Instrument Type: PCI GPIB Interface for HP-UX Maximum Instruments: 14 daisy-chained class



MODEL

**Keysight / Agilent /
HP E2078A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E2078A

LISTING

[https://aumictechlabs.c
om/products/e2078a-2/](https://aumictechlabs.com/products/e2078a-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The E2078A is a PCI GPIB interface card designed for HP-UX 10.20 workstations, providing IEEE-488.1 and IEEE-488.2 connectivity for instrument control and data acquisition. The card installs into 5-volt PCI slots and delivers data transfer rates up to 750 KB/s with built-in buffering that exceeds traditional DMA performance. Auto-configurable via PCI standards, it requires no manual

switch settings for installation. The E2078A supports SICL/VISA software libraries and programming in Agilent VEE, C/C++, and BASIC/UX, making it suitable for both standalone workstation applications and VXI mainframe integration via GPIB connection to Slot 0 command modules. Technical Specifications Standard: IEEE-488.1 and IEEE-488.2 Interface: 5-volt PCI slot Connector: Standard 24-pin IEEE-488 (GPIB) Maximum Data Transfer Rate: 750 KB/s Buffering: Built-in Operating System: HP-UX 10.20 Key Features Auto-configurable PCI architecture eliminates manual switch configuration Built-in buffering architecture provides superior I/O performance versus DMA implementations Single GPIB connector for instrument connections VXI mainframe compatibility through GPIB cable connection to command module Software Support I/O Libraries: SICL/VISA Programming Languages: Agilent VEE, C/C++, BASIC/UX Typical Applications Automated test equipment (ATE) control on HP-UX workstations Multi-instrument data acquisition systems VXI mainframe command and control Laboratory instrument interfacing and automation Compatibility & Integration The E2078A integrates directly into HP-UX 10.20 workstation PCI slots without requiring external power supplies or configuration jumpers. VXI users can connect the card to mainframe command modules in Slot 0 using standard GPIB cabling, enabling unified control across mixed instrument architectures.

E2078A Characteristics / Specifications

PARAMETER	VALUE
Model	E2078A
Manufacturer	Hewlett Packard / Agilent
Instrument Type	PCI GPIB Interface for HP-UX
Alias	E2078A; HP E2078A
Host Bus	PCI
Host OS	HP-UX 10.20
GPIB	IEEE 488 / HP-IB
Maximum Instruments	14 daisy-chained class
Connector GPIB	24-pin IEEE 488
Software	HP-UX SICL / HP-IB
Related E20	GPIO/EISA (this catalog)
Related 82350A	Windows PCI GPIB
Workstation Class	HP PCI workstations of the HP-UX 10.20 era
Not Windows IO Libraries	different stack from 82350B
Not PCIe	PCI
Form	PCI add-in card
Power	PCI backplane
Cables	standard GPIB
ATE Use	HP-UX controller
Status	HP E2078A EOL
System Controller	yes
Talker Listener	yes
Slot	PCI
Driver	HP-UX 10.20 HP-IB
Language	SICL / HP BASIC/UX class

PARAMETER	VALUE
Not USB	not 82357
Not ISA	not 82341D Notes PCI GPIB for HP-UX 10.20 from HP E2078A product identity. Confirm workstation PCI voltage and HP-UX patch set. Do not expect Windows IO Libraries support.

E2078A Specifications

PARAMETER	VALUE
Applications	HP-UX 10.20 instrument control; legacy HP workstation ATE; SICL on HP-UX.
Key Features	- PCI HP-IB for HP-UX 10.20
Technical Specifications	Model: E2078A

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	
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PARAMETER	VALUE
Model	E2078A
Manufacturer	Hewlett Packard / Agilent
Instrument Type	PCI GPIB Interface for HP-UX
Specifications	
PARAMETER	VALUE
Alias	E2078A; HP E2078A
Host Bus	PCI
Host OS	HP-UX 10.20
Specifications	
PARAMETER	VALUE
GPIB	IEEE 488 / HP-IB
Maximum Instruments	14 daisy-chained class
Connector GPIB	24-pin IEEE 488
Specifications	
PARAMETER	VALUE
Software	HP-UX SICL / HP-IB
Related E2071	ISA 82341 HP-IB
Related 82350A	Windows PCI GPIB
Specifications	
PARAMETER	VALUE
Related E2074	GPIO/EISA (this catalog)
Workstation Class	HP PCI workstations of the HP-UX 10.20 era
Not Windows IO Libraries	different stack from 82350B

Specifications

PARAMETER	VALUE
Not PCIe	PCI
Form	PCI add-in card
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Not USB	not 82357

Not ISA: not 82341D

Notes

PCI GPIB for HP-UX 10.20 from HP E2078A product identity. Confirm workstation PCI voltage and HP-UX patch set. Do not expect Windows IO Libraries support.

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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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.