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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP 82351A PCIe-GPIB Interface Card

The Keysight 82351A isaPCIe-to-GPIB interface for connecting a PCIe PC to IEEE 488 instruments. Up to 1.4 MB/s, up to 14 daisy-chained GPIB instruments, plug-and-play, standard plus low-profile brackets. Predecessor of 82351B; software via Keysight IO Libraries. Adding GPIB to PCIe workstations; ATE instrument control; multi-instrument racks. Host OS: Windows class with IO Libraries (confirm revision) Not USB GPIB: 82357B is a different product Status: Agilent/Keysight 82351A; B is the later card ATE Use: instrument control not a measurement instrument

**MODEL****Keysight / Agilent /
HP 82351A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****82351A****LISTING**<https://aumictechlabs.com/products/82351a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight 82351A PCIe-GPIB Interface Card bridges modern PCIe-based workstations with legacy GPIB instruments, delivering rapid data transfer essential for automated test and data acquisition systems. Operating at 1.4 MB/s or better, the card maintains full backward compatibility with existing PCI software while leveraging PCIe architecture for superior performance. Plug-and-play installation and software configurability minimize deployment time, enabling bidirectional communication across up to 14 daisy-chained GPIB instruments. Technical Specifications Bus Interface PCIe Revision 1.0a 3.3 V, 32-bit slot supporting x1, x2, x8, x4, and x8

configurations Power: Backplane +3.3 V PCIe and +1.5 V PCIe GPIB Connectivity IEEE 488.1 and IEEE 488.2 compliant Standard 24-pin IEEE-488 connector Maximum instruments: 14 via daisy chain Data rate: 1.4 MB/s or better with built-in buffering Physical Characteristics Dimensions: 158.0 mm (W) × 120.8 mm (D) × 21.6 mm (H) Weight: 0.082 kg Form factor: Compact half-height Environmental Operating: -5 °C to 60 °C, up to 90% humidity at 40 °C (non-condensing) Storage: -40 °C to 70 °C, up to 90% humidity at 65 °C (non-condensing) Key Features Plug-and-play installation with software configuration Built-in buffering for speed optimization Supports upward PCIe slot compatibility Complies with IEC 61010-1:2001 / EN61010-1:2001 and CSA C22.2 No. 61010-1:2004 Compatibility & Integration Software Support Keysight IO Libraries Suite 14.2 and above APIs: Keysight VISA, NI VISA, SICTL, VISA-COM, NI-488.2 Languages: Agilent VEE, LabVIEW, LabWindows (VISA API), Microsoft languages, TransEra HTBasic, HP BASIC System Requirements Operating Systems: Windows 2000, XP, Vista, Windows 7 (IO Libraries v15.0+ for Vista/later) Processor: 450 MHz Intel Pentium minimum RAM: 128 MB Hard disk: 225 MB Display: 800×600, 256 colors

82351A Characteristics / Specifications

PARAMETER	VALUE
Model	82351A
Manufacturer	Keysight / Agilent
Instrument Type	PCIe GPIB Interface Card
Alias	82351A; Agilent 82351A
Bus	PCIe
GPIB	IEEE 488.1 and IEEE 488.2
Maximum Data Rate	1.4 MB/s class
Maximum Instruments	14 daisy-chained
Connector GPIB	24-pin IEEE 488
Connector Host	PCIe edge
Slot Voltage	3.3 V PCIe
Brackets	standard and low profile
Software	Keysight IO Libraries Suite
Plug And Play	yes
Related 82351B	later PCIe GPIB (IO Libraries 17.0+)
Related 82350A	PCI GPIB (this catalog)
Related 82350B	PCI GPIB successor
Related E20	ISA HP-IB 82341 family
Related E2078A	PCI GPIB for HP-UX 10.20
SICL/VISA	Keysight VISA/SICL
Form	PCIe add-in card
Host OS	Windows class with IO Libraries (confirm revision)
Not Thunderbolt	PCIe slot card
Not USB GPIB	82357B is a different product
Status	Agilent/Keysight 82351A; B is the later card

PARAMETER	VALUE
Power	PCIe 3.3 V backplane
Cables	standard GPIB cables
ATE Use	instrument control notameasurement instrument Notes PCIe GPIB identity and 1.4 MB/s / 14-instrument figures from Keysight GPIB interface family (82351A/B). Confirm IO Libraries version versus 82351B. Do not confuse with 82350 PCI cards.
Data Rate	1.4 MB/s class

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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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.