

Agilent 82351A PCIe GPIB Interface Card

Features

- Compact half-height size (68.9 mm)
- High transfer rate of 1.4 MB/s
- High flexibility via up-plugging (to x4 or x8 PCIe slots)
- 3.3 V signal level for lower power consumption
- Compatibility with industry standard PCIe rev 1.0a and IEEE-488
- Interface to 14 GPIB instruments (max)

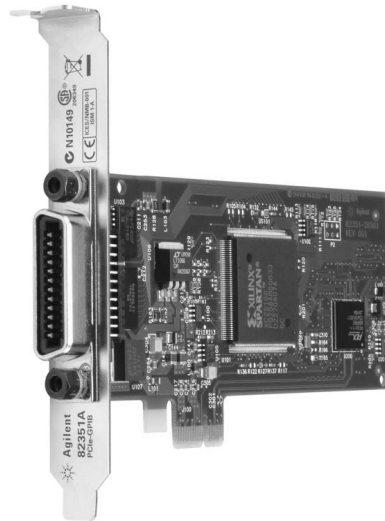
Best for

- Bandwidth-intensive PC applications
- Adding GPIB connection for PCIe-based PCs or workstations

High transfer rate for demanding test applications

Agilent 82351A PCIe-GPIB interface card is designed for integration into next generation PCs or workstations. It offers fast data transmission for various demanding test applications that require data to be transferred to memory fast enough without any lost or overwritten.

PCIe (PCI Express) is an evolutionary version of PCI that offers a higher transfer rate across a low number of wires. It is also backward-compatible with PCI software, so you don't need to perform any code re-configuration. PCIe's powerful bus architecture allows bi-directional data transmission, and the implementation of a new class of test applications.



New standard for high speed internal devices

82351A technical specifications

General requirements

Minimum system requirements	Windows 2000/XP/Vista
Software required	Agilent IO Libraries Suite 14.2 and above; see requirements on page 1
PCI bus slot	3.3 V PCIe slot, 32 bits
Supported standards	PCIe rev. 1.0a IEEE 488.1 and IEEE 488.2 compatible

General characteristics

Power	Backplane +3.3 V PCIe
Connectors	Standard 24-pin (IEEE-488) +1.5 V PCIe
Maximum data rate	1.4 MB/s or better
Maximum instrument connection	14 instruments—daisy chain via GPIB
Buffering	Built-in
Configuration	Plug-and-Play
EMC and safety *	IEC 61010-1:2001 / EN61010-1:2001 Canada: CSA C22.2 No. 61010-1:2004 IEC 61326:2002 / EN61326:1997+A1:1998+A2:2001+A3:2003 Pollution Degree 2 This product is rated for indoor use only

Warranty	1 year
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Dimensions

Width, depth and height	158.0 mm (W) x 120.8 mm (D) x 21.6 mm (H)
Weight	0.082 kg

Environmental specifications

Operating environment	-5 °C to 60 °C
Operating humidity	Up to 90% at 40 °C non-condensing
Storage environment	-40 °C to 70 °C
Storage humidity	Up to 90% at 65 °C non-condensing

* Additional detail and information in the Declaration of Conformity