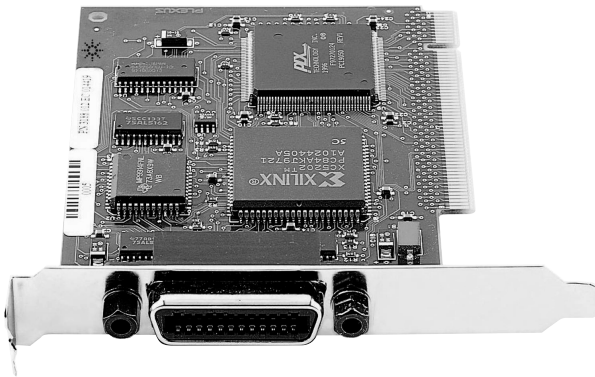


# Agilent 82350A

## PCI High-Performance GPIB Interface for Windows 95/98/NT

### Data Sheet

- PCI IEEE-488 interface for PCs
- Built-in buffering for speed
- HP VEE compatibility
- BASIC for Windows compatibility
- Microsoft languages compatibility
- SICL/VISA support



Agilent 82350A

### Description

The Agilent 82350A is a low-cost, high-performance IEEE-488 interface and software for PCI-based PCs. The 82350A makes it easy to access and control instruments and exchange data. This is a **high-speed, PCI card** with built-in buffering, which de-couples GPIB transfers from the PCI bus transfers. Buffering provides I/O and system performance that is superior to direct memory access (DMA)—up to 750 KB/s.

The 82350A comes with SICL and VISA software for Windows NT and Windows 95/98. The hardware is software configurable and compatible with the plug-and-play standard for easy hardware installation.

The GPIB interface card plugs into a PCI slot in the backplane of your PC. Via a GPIB cable, this card connects to GPIB instruments.

For VXI applications a GPIB cable connects the card to the command module in Slot 0 of the VXI mainframe.

Refer to the Agilent Technologies Website for instrument driver availability and downloading instructions, as well as for recent product updates, if applicable.

### Product Specifications

<b>Operating system:</b>	Windows 95/98/NT
<b>Controller:</b>	PC
<b>I/O library:</b>	SICL/VISA
<b>Backplane:</b>	PCI
<b>Max. I/O speed:</b>	750 KB/s
<b>Buffering:</b>	Built-in
<b>Languages:</b>	HP VEE, C/C++ , BASIC for Windows, Visual Basic

### Ordering Information

Description	Product No.	
PCI GPIB Interface	82350A	<a href="#">BUY Online</a>
Add Manual Set	82350A 0B1	



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## Related Literature

*2000 Test System and VXI Catalog CD-ROM*,  
Agilent Pub. No. 5980-0308E (detailed specifications for VXI products)

*2000 Test System and VXI Catalog*,  
Agilent Pub. No. 5980-0307E (overview of VXI products )

*1998 Test System and VXI Products Data Book*,  
Agilent Pub. No. 5966-2812E

## Online

Internet access for Agilent product information, services and support  
[www.agilent.com/find/tmdir](http://www.agilent.com/find/tmdir)

VXI product information  
[www.agilent.com/find/vxi](http://www.agilent.com/find/vxi)

Defense Electronics Applications  
[www.agilent.com/find/defense\\_ATE](http://www.agilent.com/find/defense_ATE)

Agilent Technologies VXI Channel Partners  
[www.agilent.com/find/vxichanpart](http://www.agilent.com/find/vxichanpart)

Agilent Technologies' HP VEE Application Website  
[www.agilent.com/find/vee](http://www.agilent.com/find/vee)

Agilent Technologies Data Acquisition and Control Website  
[www.agilent.com/find/data\\_acq](http://www.agilent.com/find/data_acq)

Agilent Technologies Instrument Driver Downloads  
[www.agilent.com/find/inst\\_drivers](http://www.agilent.com/find/inst_drivers)

Agilent Technologies Electronics Manufacturing Test Solutions  
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**or check your local phone book for the Agilent office**  
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Experienced Agilent test engineers throughout the world offer practical recommendations for product evaluation and selection. After you purchase an Agilent product, they can provide no-charge assistance with operation verification and basic measurement setups for advertised capabilities. To enhance the features, performance, and flexibility of your test and measurement products—and to help you solve application challenges—Agilent offers free or extra-cost product options and upgrades, and sell expert engineering, calibration, and other consulting services.

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