

NATIONAL INSTRUMENTS PMC-GPIB GPIB Interface for PCI Mezzanine Bus



# NATIONAL INSTRUMENTS PMC-GPIB GPIB Interface for PCI Mezzanine Bus Installation Guide

[Home](#) » [NATIONAL INSTRUMENTS](#) » NATIONAL INSTRUMENTS PMC-GPIB GPIB Interface for PCI Mezzanine Bus Installation Guide 

## Contents

- [1 NATIONAL INSTRUMENTS PMC-GPIB GPIB Interface for PCI Mezzanine Bus](#)
- [2 Product Information](#)
- [3 Usage Instructions](#)
- [4 COMPREHENSIVE SERVICES](#)
- [5 Internal Controllers](#)
- [6 External Controllers](#)
- [7 Documents / Resources](#)
  - [7.1 References](#)



NATIONAL INSTRUMENTS PMC-GPIB GPIB Interface for PCI Mezzanine Bus



### Specifications:

- Product: PMC-GPIB
- Compatibility: GPIB NI-488.2 for Windows
- Release Date: January 2013

### Product Information

The PMC-GPIB is a GPIB controller designed for use with NI-488.2 software on Windows systems. It supports internal controllers such as PCI, PXI, PCI Express, PMC, and ISA, as well as external controllers including Ethernet, USB, ExpressCard, and PCMCIA.

### Usage Instructions

#### Internal Controllers Installation:

Insert the NI-488.2 media and choose Install Software.

**Tip:** The View Documentation link provides access to NI-488.2 documentation, including detailed hardware installation instructions.

1. After software installation, shut down the computer ensuring it is powered off.
2. Install the GPIB hardware and power on the computer.

#### External Controllers Installation:

1. Insert the NI-488.2 media and choose Install Software.

**Tip:** The View Documentation link provides access to NI-488.2 documentation.

1. After software installation, restart the computer.
2. Install the GPIB hardware following the manufacturer's instructions.

**Caution:** Ensure the GPIB devices and computers share the same ground potential for proper operation.

#### **FAQ:**

Where can I find support for PMC-GPIB?

You can find support resources on the official website or contact customer support for assistance with any issues related to the installation or operation of the PMC-GPIB.

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## **Internal Controllers**

(PCI, PXI, PCI Express, PMC, ISA)

1. Insert the NI-488.2 media and choose Install Software.



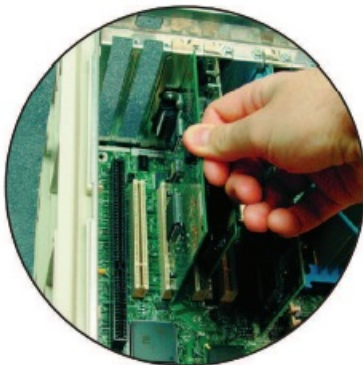
**Tip** The View Documentation link provides access to NI-488.2 documentation, including detailed hardware installation instructions.

2. When you have completed the software installation, shut down the computer. Make certain it is powered off before proceeding



3. Install your GPIB hardware and then power on the computer

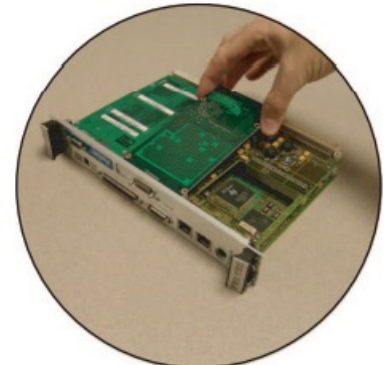
#### PCI, PCI Express, ISA



#### PXI



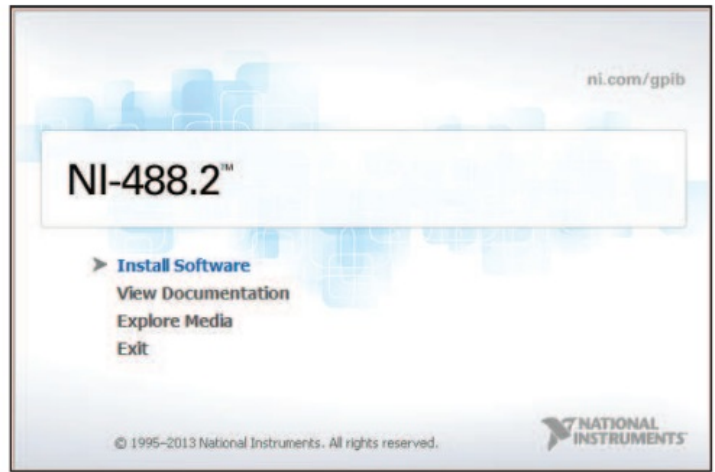
#### PMC



## External Controllers

(Ethernet, USB, ExpressCard™, PCMCIA)

1. Insert the NI-488.2 media and choose Install Software.



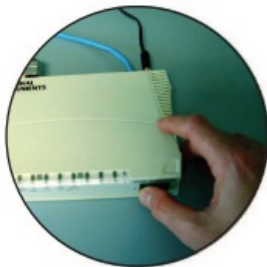
**Tip** The View Documentation link provides access to NI-488.2 documentation, including detailed hardware installation instructions.

2. When you have completed the software installation, restart the computer.



3. Install your GPIB hardware

**Ethernet**



**USB**



**ExpressCard™, PCMCIA**



**Caution** The GPIB devices and the computer must share the same ground potential

4. Ethernet Only

1. After the computer has restarted, complete the GPIB Ethernet Wizard to configure your Ethernet interface.

(Windows XP/Vista/7) Run the GPIB Ethernet Wizard from the National

2. Instruments»NI-488.2 program group in the Start menu.

(Windows 8) Run the GPIB Ethernet Wizard from the National Instruments»NI-488.2 program group in the NI Launcher.





## Where to Go for Support

The National Instruments Web site is your complete resource for technical support. [Atni.com/support](http://atni.com/support) you have access to everything from troubleshooting and application development self-help resources to email and phone assistance from NI Application Engineers.

National Instruments corporate headquarters is located at 11500 North Mopac Expressway, Austin, Texas, 78759-3504. National Instruments also has offices located around the world to help address your support needs. For telephone support in the United States, create your service request at [ni.com/support](http://ni.com/support) and follow the calling instructions or dial 512 795 8248. For telephone support outside the United States, visit the Worldwide Offices section of [ni.com/niglobal](http://ni.com/niglobal) to access the branch office Websites, which provide up-to-date contact information, support phone numbers, email addresses, and current events.

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PMC-GPIB, NI-488.2, PMC-GPIB GPIB Interface for PCI Mezzanine Bus, PMC-GPIB, GPIB Interface for PCI Mezzanine Bus, Interface for PCI Mezzanine Bus, Mezzanine Bus

## References

- [NI Test and Measurement Systems, a part of Emerson - NI](#)
- [NI Test and Measurement Systems, a part of Emerson - NI](#)
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- [NI Trademarks and Logo Guidelines - NI](#)
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