

INSTALLATION GUIDE

NI-488.2™ for Linux



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Install the NI-488.2 Software¹

To install the NI-488.2 for Linux software, complete the following steps:

1. Insert the NI-488.2 for Linux CD.
2. Log in to your system as root.
3. Mount the CD-ROM.

The CD-ROM typically is mounted automatically when you insert the CD. If your system does not have an automount feature, you can use the following command on most systems:

```
mount /dev/cdrom -t iso9660 /mnt/cdrom
```

4. Change the current directory to the mounted CD-ROM. On most systems, you can do this by typing the following command:

```
cd /mnt/cdrom
```

5. Run the installation script by typing the following command:

```
sh ./INSTALL
```

The `INSTALL` script ensures that you meet all the requirements, checks and removes existing installations if necessary, and then installs the NI-488.2 for Linux software.

¹ See the `README.txt` file on the NI-488.2 for Linux CD for additional important information, such as the list of supported distributions.

Install the NI-488.2 Hardware

Plug and Play Interfaces (PCI, PCI Express, PXI, USB)¹

Insert your interface as shown below.

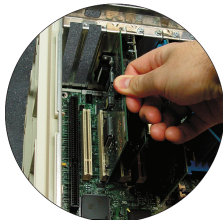


Note Some plug and play GPIB interfaces (for example, the PCI-GPIB) require a shutdown of your machine before installation.

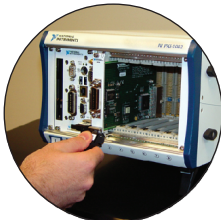


Caution Ensure that the GPIB devices and the computer containing the GPIB-USB interface share the same ground potential.

PCI, PCI Express



PXI



USB



¹ For more information about installing GPIB Hardware, refer to the *GPIB Hardware Guide* and the *NI-488.2 User Manual*. Both documents are in PDF format on the CD and at ni.com/manuals.

Non-Plug and Play Interfaces (Ethernet)¹

1. Start the GPIB Explorer utility by becoming root and entering the following command:

```
/usr/local/natinst/ni4882/bin/gpibexplorer
```
2. Click **New**.
3. Follow the prompts.

¹ For more information about installing GPIB Hardware, refer to the *GPIB Hardware Guide* and the *NI-488.2 User Manual*. Both documents are in PDF format on the CD and at ni.com/manuals.

Troubleshooting Your Installation

Start the Troubleshooting utility by entering the following command:

```
/usr/local/natinst/ni4882/bin/gpibtsw
```

The troubleshooting utility examines your software and hardware installation and reports success or failure if problems are found. Click the **Help** button to access online troubleshooting help.

Additional Support Information

If you have already installed NI-488.2 for Linux, you can access the online NI-488.2 help by launching GPIB Explorer and clicking **Help»Help Topics»NI-488.2** on the menu bar.

Refer to Appendix E, *Technical Support and Professional Services*, in the *NI-488.2 User Manual* for information about obtaining technical support. The user manual is available in PDF format on the CD and at ni.com/manuals.

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