

INSTALLATION GUIDE

NI-488.2™ for Linux

Install the NI-488.2 Software

NI provides a repository add-on for all supported drivers that you can install using your Linux distribution's native package manager.

1. Visit ni.com/info and enter the Info Code `LinuxRepository`.
2. Download the installer for the repository add-on for your Linux distribution.
3. Install the repository add-on using the `rpm` command.



4. Select and install the following NI-488.2 for Linux driver packages through your Linux distribution's package manager:

ni-488.2	ni-488.2-documentation
libni4882-devel	ni-488.2-errors
ni-488.2-iotrace-support	ni-488.2-gpibenumsvc
ni-488.2-runtime	ni-488.2-gpibexplorer
ni-488.2-utils	ni-488.2-gpibintctrl
libni4882	ni-488.2-gpibtroubleshooting
ni-488.2-config	ni-488.2-sysapi-support
ni-488.2-dkms	

Install the NI-488.2 Hardware

For more information about installing GPIB hardware, refer to the *GPIB Hardware Installation Guide and Specifications*. The document is in PDF format at ni.com/manuals.

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

1. After completing the software installation, **shut down** the computer. Be sure it is powered off before proceeding.
2. Install your GPIB hardware. Refer to the *GPIB Hardware Installation Guide and Specifications* at ni.com/manuals.
3. Power on the computer.

Non-Plug and Play Interfaces (Ethernet)

1. Start the GPIB Explorer utility by entering the following command:
`gpibexplorer`
2. Click **New**.
3. Follow the prompts.

Troubleshooting Your Installation

Start the Troubleshooting Wizard by entering the following command:

```
gpibtsw
```

The Troubleshooting Wizard 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»NI-488.2 Help** on the menu bar.

NI Services

Visit ni.com/support to find support resources including documentation, downloads, and troubleshooting and application development self-help such as tutorials and examples.

Visit ni.com/services to learn about NI service offerings such as calibration options, repair, and replacement.

Visit ni.com/register to register your NI product. Product registration facilitates technical support and ensures that you receive important information updates from NI.

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