

INSTALLATION GUIDE

NI PXIe-6672

This guide contains instructions for installing your NI PXIe-6672 controller and NI-Sync software.

Installing the Software



Note Be sure to install the driver software *before* installing the NI PXIe-6672 hardware.

Complete the following steps to install the software:

1. Place the NI-Sync CD in your CD-ROM drive.
2. Click **Install NI-Sync** in the window that appears. If no window appears, run the `setup.exe` program on the CD.
3. Follow the prompts to install the NI-Sync driver.
 - Select **Typical** to install the driver and support for the development environments present on your computer.
 - Select **Custom** to manually select which components should be installed.

4. Reboot the computer when prompted to do so, or shut down the computer and install the hardware.

Installing the Hardware

The following are general installation instructions. Consult the chassis user manual or technical reference manual for specific instructions and warnings about installing new modules.

1. Power off and unplug the chassis.
2. Locate the System Timing Slot in your chassis. It is marked by either a square glyph shown in Figure 1, or a square glyph with a circle inside of it, as shown in Figure 2.

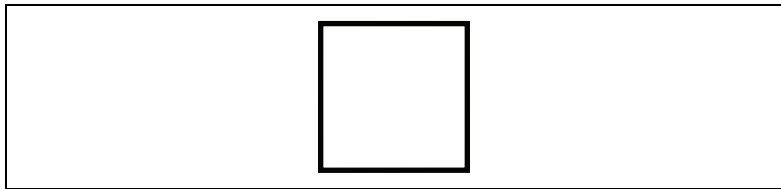


Figure 1. System Timing Device Slot Indicator Glyph without Circle

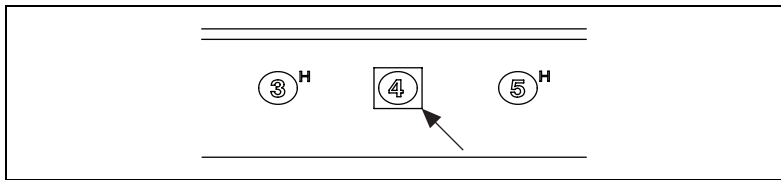


Figure 2. System Timing Device Slot Indicator Glyph on the NI PXIe-1062Q Chassis



Notes The slot number printed on the glyph may vary from chassis to chassis.

The circle inside of the square indicates that the slot may also be used as a PXI Express peripheral slot.

3. Remove the filler panel for the PXI slot you located in step 2.
4. Ground yourself using a grounding strap or by holding a grounded object. Follow the ESD protection precautions described in the *Unpacking* section of Chapter 1, *Introduction*, of the *NI PXIe-6672 User Manual*.
5. Remove any packing material from the front panel screws and backplane connectors.
6. Insert the NI PXIe-6672 into the PXI Express slot. Use the injector/ejector handle to fully insert the module into the chassis.
7. Screw the front panel of the device to the front panel mounting rail of the chassis.

8. Visually verify the installation. Make sure the module is not touching other modules or components and is fully inserted into the slot.
9. Plug in and power on the chassis.

The NI PXIe-6672 is now installed.

Verifying the Installation

During the first boot following the software and hardware installation of the NI PXIe-6672, Windows detects the device, and the NI-Sync driver will initiate communication with it. A green access LED on the front panel of the NI PXIe-6672 confirms that the device has been found and the driver can communicate with it.

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