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PXI-1050

INSTALLATION GUIDE

NI PXI Slot Blocker

The NI PXI Slot Blocker improves system cooling in PXI chassis by re-routing airflow from empty slots to slots containing PXI modules. This guide describes how to most effectively use the NI PXI Slot Blocker.

What You Need to Get Started

- A PXI or PXI Express chassis recommended for use with the NI PXI Slot Blocker
- A PXI or PXI Express system controller
- PXI or PXI Express peripheral modules
- NI PXI slot blockers
- PXI filler panels

PXI Chassis Recommendations

Table 1 provides a list of NI PXI chassis recommended for use with the NI PXI Slot Blocker.

Table 1. NI PXI Chassis Recommended for Use with the NI PXI Slot Blocker

Chassis configuration	NI PXI Chassis	Recommendation
Chassis with fans in rear	NI PXI-104x Series NI PXI-1050 and NI PXI-1052 NI PXIe-106x Series	Highly Recommended
Chassis with fans below card cage	NI PXI-103x Series	Recommended
Chassis with dual-stacked modules	NI PXI-1056	Not Recommended

Installation

Complete the following steps to install the NI PXI Slot Blocker.

1. Install an NI PXI Slot Blocker in each empty slot of an NI PXI chassis, as shown in Figure 1.

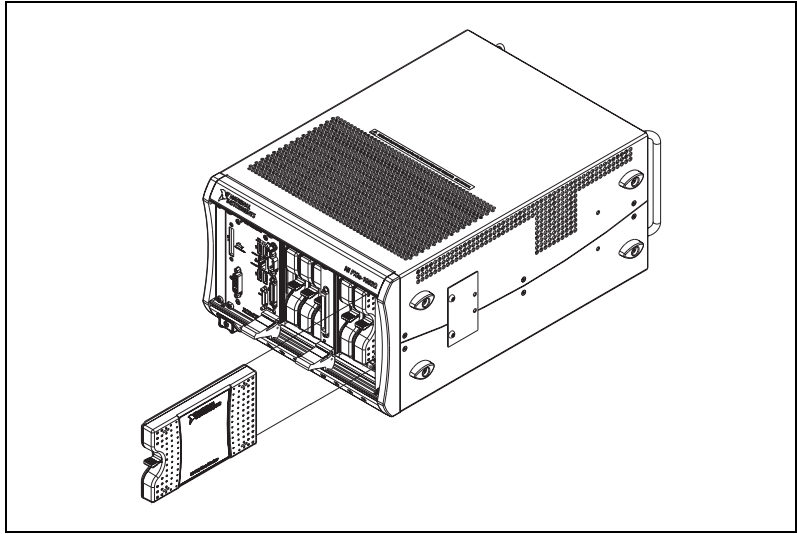


Figure 1. Installing the NI PXI Slot Blocker

Install filler panels over each slot containing an NI PXI Slot Blocker as shown in Figure 2.

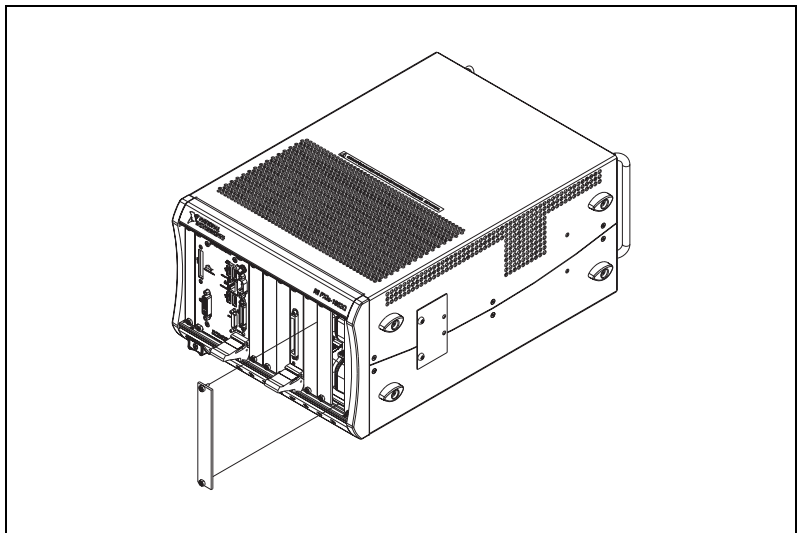


Figure 2. Installing a PXI filler panel

Ordering Information

The NI PXI Slot Blocker may be ordered from National Instruments using part number 199198-01. You may order through ni.com.

Where to Go for Support

The National Instruments Web site is your complete resource for technical support. At ni.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 and follow the calling instructions or dial 512 795 8248. For telephone support outside the United States, contact your local branch office:

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