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PXIe-8245 Specifications

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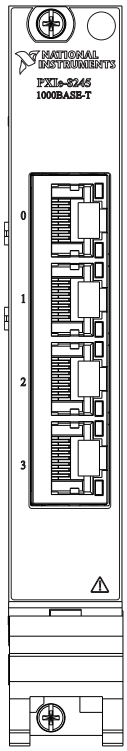
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Specifications

PXIe-8245 Front Panel

The following figure shows the PXIe-8245 front panel.

Figure 1. PXIe-8245 Front Panel



The PXIe-8245 provides four standard Gigabit Ethernet ports (Port 0 to Port 3).

Gigabit Ethernet Interface

Standard	IEEE 802.3 10BASE-T, 100BASE-TX, 1000BASE-T
Number of ports	4
Interface	RJ45

Speed	10 Mbps, 100 Mbps, 1000 Mbps

Bus Interface

Form factor	PXI Express Gen-2 x4
Slot compatibility	x4, x8, and x16 PXI Express or PXI Express hybrid slots

Power Requirements

Power requirements are dependent on your application.

+3.3 V	3 A
+12 V	0.5 A

Physical Characteristics

Dimensions (not including connectors)	21.6 cm x 2.0 cm x 13.0 cm (8.5 in. x 0.8 in. x 5.1 in.); 3U, one-slot PXI Express module
Weight	153 g (5.4 oz)
I/O Connectors	
Connector Type	RJ45

LED indicators	
Ethernet	1 Link/Activity LED and 1 Link Speed LED for each port

Environment

Maximum altitude	2,000 m (800 mbar) (at 25 °C ambient temperature)
Pollution Degree	2

Indoor use only.

Operating Environment

Ambient temperature range	0 °C to 55 °C
Relative humidity range	10% to 90%, noncondensing

Storage Environment

Ambient temperature range	-40 °C to 71 °C
Relative humidity range	5% to 95%, noncondensing

Shock and Vibration

Operating shock	30 g peak, half-sine, 11 ms pulse
Random vibration	
Operating	5 Hz to 500 Hz, 0.3 g RMS
Nonoperating	5 Hz to 500 Hz, 2.4 g RMS

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