

NI PCI-8252 Specifications



Caution Misuse of this equipment may impair the protection features included.

Physical

Dimensions

PCI 6.40 × 12.16 cm (2.52 × 4.79 in.)

Connector

1394..... Female, 6 pin (3)

PCI 32-bit, Universal

Signaling

PCI V_{io} Universal, 33 MHz

1394..... IEEE 1394a-1995 S100, S200, S400 transfer rates, OHCI v1.1 software interface. Actual 1394 transfer rates are system dependent.

Power Consumption

Typical 0 mA at 5 V = 0 mW
0 mA at 3.3 V = 0 mW
4 mA at 12 V = 480 mW (max)

Bus Power

1394..... 12 V ±10%, 12 W total, up to 9.6 W/port with ATX power connected

Operating Environment

Ambient temperature range	0 to 60 °C
Operating relative humidity	20 to 80%, noncondensing
Altitude	2,000 m (at 25 °C ambient temperature)
Pollution Degree	2
Indoor use only.	

Storage Environment

Ambient temperature range	-20 to 60 °C
Storage relative humidity	20 to 95%, noncondensing

Safety

This product is designed to meet the requirements of the following standards of safety for electrical equipment for measurement, control, and laboratory use:

- IEC 61010-1, EN 61010-1
- UL 61010-1
- CAN/CSA C22.2 No. 61010-1



Note For UL and other safety certifications, refer to the product label, or visit ni.com/certification, search by model number or product line, and click the appropriate link in the Certification column.

Electromagnetic Compatibility

Emissions	EN 55011 Class A at 10 m FCC Part 15A above 1 GHz
Immunity	EN 61326:1997 + A2:2001, Table 1
CE, C-Tick, and FCC Part 15 (Class A) Compliant	



Note For EMC compliance, operate this device with shielded cabling.

CE Compliance

This product meets the essential requirements of applicable European Directives, as amended for CE Marking, as follows:

Low-Voltage Directive (safety) 73/23/EEC

Electromagnetic Compatibility
Directive (EMC) 89/336/EEC



Note Refer to the Declaration of Conformity (DoC) for this product for any additional regulatory compliance information. To obtain the DoC for this product, visit ni.com/certification, search by model number or product line, and click the appropriate link in the Certification column.

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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