# **NI PCI-8252 Specifications**



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

## Physical

## Dimensions

PCI	$12.0 \times 7.2 \text{ cm} (4.8 \times 2.8 \text{ in.})$
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## Connector

1394	Female, 6 pin (3)
PCI	32-bit, 5 V

# Signaling

PCI V <sub>io</sub>	. 5 V, 33 MHz
1394	IEEE 1394a-1995 S100, S200, S400 transfer rates, OHCI v1.0 software interface. Actual 1394 transfer rates are system dependent.

## **Power Consumption**

Typical	. 7 m.	A at 5 V	
	54 n	nA at 12 V	

#### **Bus Power**

1394 12 V ±10%, 12 W total,
up to 9.6 W/port



#### **Operating Environment**

Ambient temperature range	0 to 55 °C
Operating relative humidity	10 to 90%, noncondensing
Altitude	2,000 m (at 25 °C ambient temperature)
Pollution Degree	2

Indoor use only.

#### **Storage Environment**

Ambient temperature range .....0 to 55 °C

Storage relative humidity......10 to 90%, 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 3111-1, UL 61010B-1
- CAN/CSA C22.2 No. 1010.1



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

**Note** The protection provided by this equipment may be impaired if it is used in a manner not described in this document.

### **Electromagnetic Compatibility**

Emissions	EN 55011 Class A at 10 m
	FCC Part 15A above 1 GHz
Immunity	EN 61326:1997 + A2:2001, Table 1
EMC/EMI	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



**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/hardref.nsf, search by model number or product line, and click the appropriate link in the Certification column.

# **Technical Support Resources**

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