
PCIe-8375 Safety, Environmental, and Regulatory Information

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PCIe-8375 Specifications



NOTE

These specifications are typical at 25 °C, unless otherwise stated.



CAUTION

Specifications are subject to change without notice.

Physical

| | |
|----------------------|-------------------------------------|
| Dimensions | 8.9 × 6.9 cm (3.5 × 2.72 in.) |
| Maximum cable length | 100 m |
| Slot requirements | One slot (PCI Express, x4 or wider) |



NOTE

The PCIe-8375 requires a host computer that supplies a PCI Express clock that adheres to the *PCI Express Specification*. The PCIe-8375 may not be compatible with systems with noncompliant clocks, particularly systems with clocks whose frequency peaks over 100 MHz. Refer to the PCIe-8375 web page on ni.com for more information.

| | |
|---------------|---|
| Compatibility | Fully compatible with the <i>PCI Express Specification</i> , Revision 1.0a, 1.1 |
| Weight | 0.057 kg (0.13 lb) typical |

Power Requirements

| Power Rail | Typical Current | Maximum Current |
|-----------------------|-----------------|-----------------|
| +3.3 V | 550 mA | 720 mA |
| +3.3 V _{AUX} | 0 A | 0 A |
| +12 V | 200 mA | 320 mA |

Environmental

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

Indoor use only.

Operating Environment

| | |
|---------------------------|--|
| Ambient temperature range | 0 °C to 55 °C (Tested in accordance with IEC-60068-2-1 and IEC-60068-2-2.) |
| Relative humidity range | 10% to 90%, noncondensing (Tested in accordance with IEC-60068-2-56.) |

Storage Environment

| | |
|---------------------------|---|
| Ambient temperature range | -20 to 70 °C (Tested in accordance with IEC-60068-2-1 and IEC-60068-2-2.) |
| Relative humidity range | 5 to 95%, noncondensing (Tested in accordance with IEC-60068-2-56.) |



NOTE

Clean the PCIe-8375 with a soft nonmetallic brush. Make sure that the device is completely dry and free from contaminants before returning it to service.

Safety

This product is designed to meet the requirements of the following standards of safety for information technology equipment:

- IEC 61010-1, EN 61010-1
- UL 61010-1, CSA 61010-1



NOTE

For UL and other safety certifications, refer to the product label or the [Online Product Certification](#) section.

Electromagnetic Compatibility

This product meets the requirements of the following EMC standards for electrical equipment for measurement, control, and laboratory use:

- EN 61326 (IEC 61326): Class A emissions; Basic immunity
- EN 55011 (CISPR 11): Group 1, Class A emissions
- AS/NZS CISPR 11: Group 1, Class A emissions
- FCC 47 CFR Part 15B: Class A emissions
- ICES-001: Class A emissions



NOTE

For EMC declarations and certifications, and additional information, refer to the [Online Product Certification](#) section.

CE Compliance

This product meets the essential requirements of applicable European Directives, as follows:

- 2014/35/EU; Low-Voltage Directive (safety)
- 2014/30/EU; Electromagnetic Compatibility Directive (EMC)

Product Certifications and Declarations

Refer to the product Declaration of Conformity (DoC) for additional regulatory compliance information. To obtain product certifications and the DoC for NI products, visit ni.com/product-certifications, search by model number, and click the appropriate link.

Environmental Management

NI is committed to designing and manufacturing products in an environmentally responsible manner. NI recognizes that eliminating certain hazardous substances from our products is beneficial to the environment and to NI customers.

For additional environmental information, refer to the *Engineering a Healthy Planet* web page at ni.com/environment. This page contains the environmental regulations and directives with which NI complies, as well as other environmental information not included in this document.

EU and UK Customers



Waste Electrical and Electronic Equipment (WEEE) —At the end of the product life cycle, all NI products must be disposed of according to local laws and regulations. For more information about how to recycle NI products in your region, visit ni.com/environment/weee.

Battery Replacement and Disposal



Battery Directive —This product contains a long-life coin cell battery. If you need to replace it, use the Return Material Authorization (RMA) process or contact an authorized NI service representative. For more information about compliance with the EU Battery Directive 2006/66/EC about Batteries and Accumulators and Waste Batteries and Accumulators, visit ni.com/environment/batterydirective.

电子信息产品污染控制管理办法(中国 RoHS)

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