PCIe-8383 Specifications

Contents

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Definitions

Warranted specifications describe the performance of a model under stated operating conditions and are covered by the model warranty.

Characteristics describe values that are relevant to the use of the model under stated operating conditions but are not covered by the model warranty.

- **Typical** specifications describe the performance met by a majority of models.
- **Nominal** specifications describe an attribute that is based on design, conformance testing, or supplemental testing.

Specifications are **Typical** unless otherwise noted.

Conditions

These specifications are valid at 25 °C unless otherwise stated.

Environmental Characteristics

Temperature	Operating	0 °C to 55 °C
	Storage	-20 °C to 70 °C
Humidity	Operating	10% RH to 90% RH, noncondensing
	Storage	5% RH to 95% RH, noncondensing
Pollution Degree		2
Maximum altitude		2,000 m
Required airflow		350 LFM (at maximum ambient temperature)

Power Requirements

Power rating	Voltage/current rating	3.3 V	0 mA typical
			0 mA maximum
		12 V	0.9 A typical
			2 A maximum
		3.3 V Aux	1 mA typical
			30 mA maximum
	* Not including the power consumed by an active cable. NI copper cables (782317-0x) are passive.		

Physical Characteristics

Dimensions	6.89 cm x 12.35 cm
	(2.71 in. x 4.86 in.)
Weight	0.11 kg (0.24 lb) typical
Slot requirements	One slot (PCI Express, x8 or wider)
Compatibility	Fully compatible with the **PCI Express Specification**, Revision 1.0a, 1.1, and 2.0
Maximum cable length	5 m

EMC Standards

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

- EN 55032 (CISPR 32): Class B emissions
- EN 55035
- AS/NZS CISPR 32: Class B emissions
- ICES-003: Class B emissions

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.