
PXle-8384

Specifications

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PXIe-8384 Specifications

Introduction

This section lists the system specifications for the PXIe-8384 (153100**x**-01L) only.

These specifications are typical at 25 °C, unless otherwise stated, and are subject to change without notice.



Note The specific NI assembly number in parentheses follows the model number. Ensure the specifications of interest match the NI assembly number on either the front or back side of the module. **x** denotes all letter revisions of the assembly.

Physical

Dimensions	10.0 × 16.0 cm (3.9 × 6.3 in.)
Maximum cable length	5 m
Slot requirements	One peripheral slot (PXI Express or CompactPCI Express)
Compatibility	Fully compatible with the PXI Express Hardware Specification , Revision 2.0, PICMG CompactPCI Express EXP.0 R2.0 Specification , and PCIe External Cable Specification

Weight	0.17 kg (0.37 lb) typical
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Power Requirements

Power Rail	Typical Current	Maximum Current
+3.3 V ¹	500 mA	800 mA
+12 V	450 mA	750 mA
+5 V _{AUX}	5 mA	20 mA
¹ Not including the power consumed by an active cable. NI copper cables (782317-0X) are passive.		

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
Relative humidity range	10% to 90%, noncondensing

Storage Environment

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



Note Clean the PXIe-8384 with a soft nonmetallic brush. Make sure that the device is completely dry and free from contaminants before returning it to service.

Shock and Vibration

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

Electromagnetic Compatibility

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

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



Note In Europe, Canada, Australia and New Zealand (per CISPR 11) Class A equipment is intended for use only in heavy-industrial locations.



Note Group 1 equipment (per CISPR 11) is any industrial, scientific, or medical equipment that does not intentionally generates radio frequency energy for the treatment of material or inspection/analysis purposes.



Note For EMC declarations and certifications, and additional information, refer to the ***Product Certifications and Declarations*** section.

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

- ~~WEEE~~ **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.

电子信息产品污染控制管理办法（中国RoHS）

-  **中国RoHS**— NI符合中国电子信息产品中限制使用某些有害物质指令 (RoHS)。关于NI中国RoHS合规性信息，请登录 ni.com/environment/rohs_china。 (For information about China RoHS compliance, go to ni.com/environment/rohs_china.)