

## SPECIFICATIONS

# PXle-8267

This document lists the PXle-8267 electrical, mechanical, and environmental specifications.



**Note** Specifications are subject to change without notice.

## Solid State Drive

Total storage capacity	4 TB (4 x 1 TB or greater)
Drive interface	PCI Express Gen 3.0 x4, NVMe
Module interface	PCI Express Gen 3.0 x8, NVMe
Form factor	M.2 (2280 or 22110)
Supporting features	TRIM (required OS support), Garbage Collection, S.M.A.R.T.

## Physical Characteristics

Board dimensions	One-slot, 3U, PXI Express/CompactPCI Express module; 2.1 × 13.1 × 21.4 cm (0.9 × 5.2 × 8.5 in.)
Weight	0.53 kg (1.17 lb)

## Power Requirements



**Note** Power consumption depends on the M.2 drive write or read rate and ambient temperature.

Power consumption (typical)

Sequential Write Throughput	5 V Aux	3.3 V Rail	12 V Rail	Total Power
< 3300 MB/s	0.003 A	2.9 A	1.1 A	22.9 W
< 6000 MB/s	0.003 A	3.0 A	1.5 A	27.8 W

## Power consumption (max)

<b>Sequential Write Throughput</b>	<b>5 V Aux</b>	<b>3.3 V Rail</b>	<b>12 V Rail</b>	<b>Total Power</b>
< 3300 MB/s	0.003 A	3.5 A	1.6 A	30.2 W
< 6000 MB/s	0.003 A	3.6 A	2.1 A	36.8 W

## Environmental

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Maximum altitude 2,000 m (800 mbar)

Pollution degree 2

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Indoor use only.

## Operating Environment

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### Ambient temperature range

Chassis with slot cooling capacity  
≥58 W 0 °C to 55 °C (Tested in accordance with IEC-60068-2-1 and IEC-60068-2-2. Meets MIL-PRF-28800F Class 3 low temperature limit and MIL-PRF-28800F Class 4 high temperature limit.)

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Relative humidity range 10% to 90% noncondensing (Tested in accordance with IEC-60068-2-56.)

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## Storage Environment

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### Ambient temperature range

Solid state media (SSD) -40 °C to 71 °C (Tested in accordance with IEC-60068-2-1 and IEC-60068-2-2; meets MIL-PRF-28800F Class 3 limits.)

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Relative humidity range 5% to 95% noncondensing (Tested in accordance with IEC-60068-2-56.)

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# Shock and Vibration

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Operational shock	30 g peak, half-sine, 11 ms pulse (Tested in accordance with IEC-60068-2-27; test profile developed in accordance with MIL-PRF-28800F.)
Random Vibration	
Operating	5 Hz to 500 Hz, 0.3 g <sub>rms</sub> (with solid state hard drive)
Nonoperating	5 Hz to 500 Hz, 2.4 g <sub>rms</sub> (Tested in accordance with IEC-60068-2-64; nonoperating test profile exceeds the requirements of MIL-PRF-28800F, Class 3.)

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## Safety

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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 C22.2 No. 61010-1



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

## Electromagnetic Compatibility Standards

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
- EN 55022 (CISPR 22): Class A emissions
- EN 55024 (CISPR 24): Immunity
- AS/NZS CISPR 11: Group 1, Class A emissions
- AS/NZS CISPR 22: Class A emissions
- FCC 47 CFR Part 15B: Class A emissions
- ICES-001: Class A emissions



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



**Note** In the United States (per FCC 47 CFR), Class A equipment is intended for use in commercial, light-industrial, and heavy-industrial locations. In Europe, Canada, Australia and New Zealand (per CISPR 11) Class A equipment is intended for use only in heavy-industrial locations.

## CE Compliance

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

- 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/certification](https://ni.com/certification), search by model number or product line, and click the appropriate link in the Certification column.

## 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 *Minimize Our Environmental Impact* web page at [ni.com/environment](https://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.

## Waste Electrical and Electronic Equipment (WEEE)



**EU Customers** This symbol indicates that waste products should be disposed of separately from municipal household waste according to WEEE

Directive 2002/96/EC of the European Parliament and the Council on waste electrical and electronic equipment (WEEE). All products at the end of their life cycle must be sent to a WEEE collection and recycling center. Proper WEEE disposal reduces environmental impact and the risk to human health due to potentially hazardous substances used in such equipment. Your cooperation in proper WEEE disposal will contribute to the effective usage of natural resources.

For information about the available collection and recycling scheme in a particular country, go to [ni.com/environment/weee](https://ni.com/environment/weee).

## 电子信息产品污染控制管理办法（中国 RoHS）



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377626A-01 October 3, 2018