SPECIFICATIONS

RMX-8268

This document lists the system specifications for the RMX-8268 series. These specifications are typical at 25 °C, unless otherwise stated.

Memory

Note Visit ni.com/info and enter the Info Code ssdbp for information about the nonvolatile memory lifespan and best practices for using nonvolatile memory.

Form factor	2.5 in. 7 mm T SATA
Drive interface	SATA III

Table 1. Drive Specifications

Drive Specification		Kit Part Number	
		786359-01	786361-01
Drive capacity		960 GB[2] (Drive + drive bay)	— (Drive bay only)
Flash technology		2-bit (MLC)	—
Endurance	DWPD	3.0 (5 years)	—
	TBW	5256 TB[3]	—
Data retention		3 months	—

Note These specifications are typical at 45 °C operating and storage temperature. Visit ni.com/info and enter the Info Code ssdtemp for more information about the impact of temperature on flash endurance.

Power Requirements

Specification	100 VAC to 240 VAC, 10 A to 3.5 A, 50 Hz to 60 Hz x2
Measured, peak inrush	130 WAC
Measured, idle	107 WAC
Measured, active	121 WAC

Caution Using the RMX-8268 in a manner not described in this document may impair the protection the RMX-8268 provides.

Physical

Dimensions	2U × 485.1 × 670.6 mm (2U × 19.1 × 26.4 in.)
Maximum cable length	3 m
Weight	
24 drive (24 TB) (786365-01)	17.08 kg (37.65 lb)
No drive (786367-01)	15.79 kg (34.80 lb)

Environment

Maximum altitude	2,000 m (800 mbar)
Pollution Degree	2

Indoor use only.

Operating Environment

Ambient temperature range	
24 TB (786365-01)	0 °C to 45 °C
No drive (786367-01)	0 °C to 45 °C
Relative humidity range	10% to 90%, noncondensing

Storage Environment

Ambient temperature range	-20 °C to 70 °C
Relative humidity range	5% to 95%, noncondensing

Shock and Vibration (786365-01 only)

Operational shock	
Operating	20 g peak, half-sine, 2.5 ms pulse (Tested in accordance with IEC 60068-2-27.)
Random vibration	

Operating	5 Hz to 200 Hz, 0.40 grms (Tested in accordance with IEC 60068-2-64.)
Nonoperating	5 Hz to 200 Hz, 0.98 grms (Tested in accordance with IEC 60068-2-64.)

Cleaning

Clean the RMX-8268 with a soft nonmetallic brush. Make sure 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 60950-1, EN 60950-1
- UL 60950-1, CSA 60950-1

Note For UL and other safety certifications, refer to the product label or the *Product Certifications and Declarations* section.

Electromagnetic Compatibility

This product meets the requirements of the following EMC standards for information technology and multimedia equipment:

- EN 55032: Class A emissions
- EN 55024 (CISPR 24): Immunity
- AS/NZS CISPR 32: Group 1, Class A emissions
- FCC 47 CFR Part 15B: Class A emissions
- ICES-003: Class A emissions

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 Class A equipment is intended for use only in heavy-industrial locations.

Note Group 1 equipment 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 For EMC declarations and certifications, and additional information, refer to the *Product Certifications and Declarations* section.

CE Compliance CE

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)
- 2011/65/EU; Restriction of Hazardous Substances (RoHS)

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 *Minimize Our Environmental Impact* 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.

Waste Electrical and Electronic Equipment (WEEE)

EU Customers At the end of the product life cycle, all products *must* be sent to a WEEE recycling center. For more information about WEEE recycling centers, National Instruments WEEE initiatives, and compliance with WEEE Directive 2002/96/EC on Waste and Electronic Equipment, visit ni.com/environment/weee.

电子信息产品污染控制管理办法 （中国 RoHS）

中国客户 National Instruments 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 National Instruments 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.)

Worldwide Support and Services

The NI website is your complete resource for technical support. At ni.com/support you have access to everything from troubleshooting and application development self-help resources to email and phone assistance from NI Application Engineers.

Visit ni.com/services for information about the services NI offers.

Visit ni.com/register to register your NI product. Product registration facilitates technical support and ensures that you receive important information updates from NI.

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