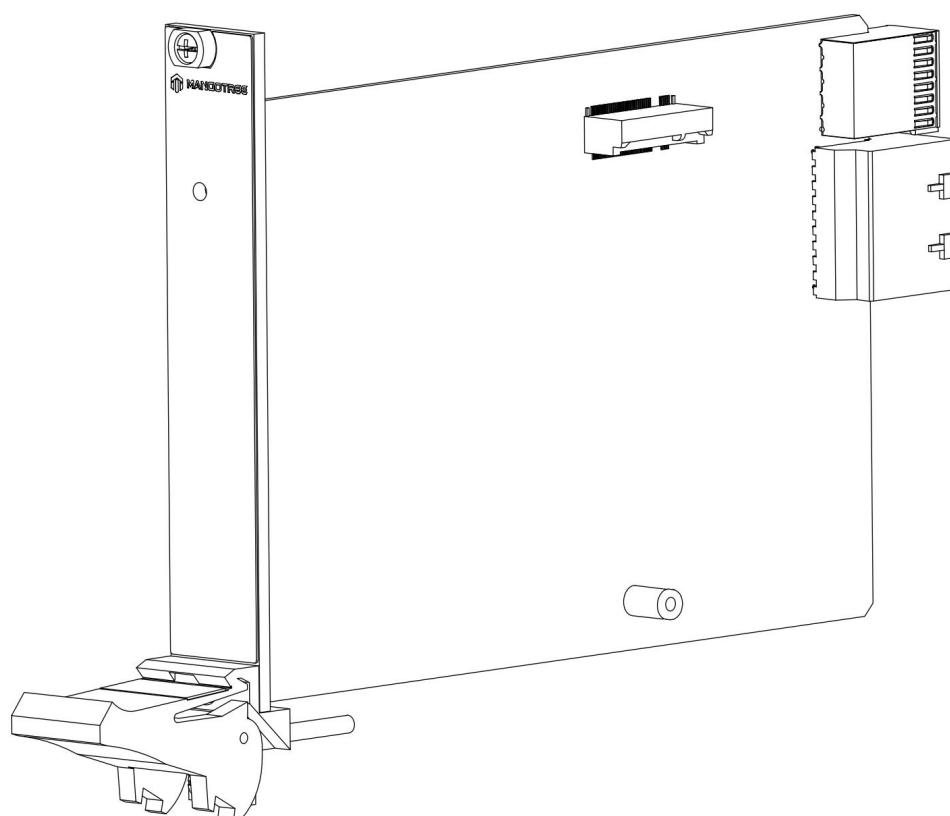DataSheet

MT-X300

1-Port, PCIe NVME SSD Module

This document contains the specifications for MT-X300.Specifications are typical at 25°C unless otherwise noted.

⚠️ **Caution** Using the MT-X300 in a manner not described in this document may impair the protection the MT-X300 provides.
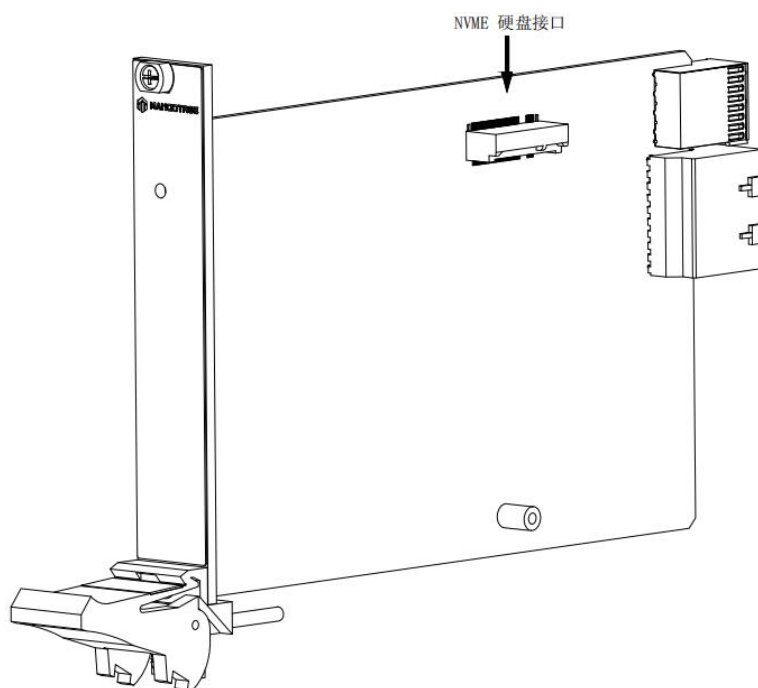

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Characteristics

The following specifications are typical for the range -40 °C to 70 °C unless otherwise noted.

Port	NVME
Attribute	All NVME Protocol SSD

NVME Interface

Users can access all hard disks that support NVME through the interface shown in the figure above.

Power Requirements

Power consumption from chassis	625 mW max
Thermal dissipation (at 70 °C)	1 W max

Safety Voltages

This product is designed to meet the requirements of the following electrical equipment safety standards for measurement, control, and laboratory use:
• IEC 61010-1, EN 61010-1

- UL 61010-1, CSA C22.2 No. 61010-1

CE Compliance $C\hspace{-2pt}\epsilon$

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)

- 2014/34/EU; Potentially Explosive Atmospheres (ATEX)

Shock and Vibration

To meet these specifications, you must panel mount the system.

Operating vibration	
Random (IEC 60068-2-64)	5 g_{rms}, 10 Hz to 500 Hz
Sinusoidal (IEC 60068-2-6)	5 g, 10 Hz to 500 Hz
Operating shock (IEC 60068-2-27)	30 g, 11 ms half sine; 50 g, 3 ms half sine; 18 shocks at 6 orientations

Environmental

Refer to the manual for the chassis you are using for more information about meeting these

specifications.

Operating temperature	-40 °C to 70 °C (IEC 60068-2-1, IEC 60068-2-2)
Storage temperature	-40 °C to 85 °C (IEC 60068-2-1, IEC 60068-2-2)
Ingress protection	IP40
Operating humidity (IEC 60068-2-78)	10% RH to 90% RH, noncondensing Storage
humidity (IEC 60068-2-78)	5% RH to 95% RH, noncondensing Pollution
Degree	2
Maximum altitude	5,000 m

Indoor use only.

Support

MT-Master上手指南：

https://server.mangotree.cn:9900/WebFile/Downloads/上手指南/MT-Master/

Master上手指南

MT-Master视频教程：

https://server.mangotree.cn:9900/WebFile/Downloads/视频教程/MT-Master/

Master视频教程

MT-DAQ上手指南：

https://server.mangotree.cn:9900/WebFile/Downloads/上手指南/MT-DAQ/

DAQ上手指南

MT-DAQ视频教程：

https://server.mangotree.cn:9900/WebFile/Downloads/视频教程/MT-DAQ/

DAQ视频教程

Dimensions:(mm)

20.02±0.20

130.50±0.20

175.08±0.20

162.29±0.20

100.00±0.20

210.45±0.20