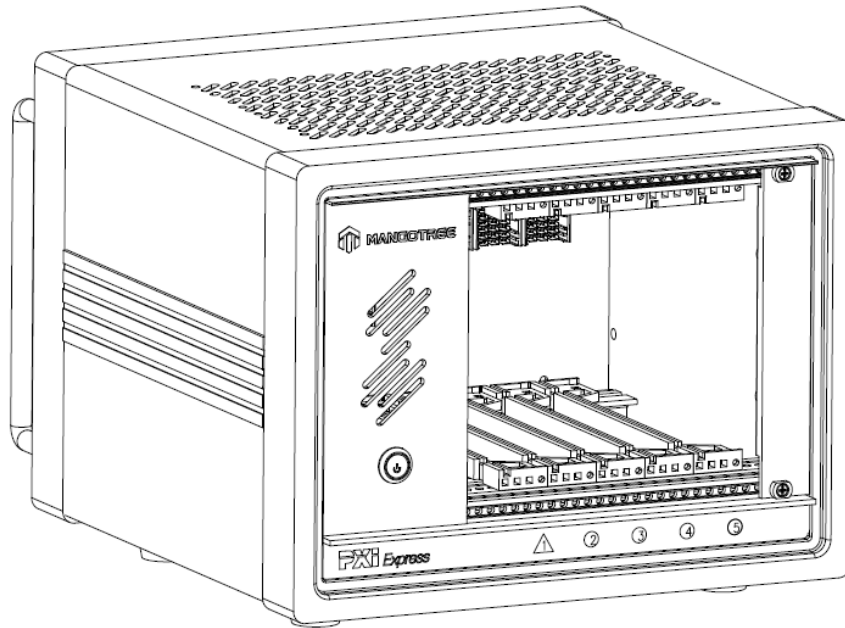


SPECIFICATIONS

MT X104

4 PXIe Slot Chassis



This document contains the specifications for the MT X104 chassis.



Caution Specifications are subject to change without notice.

Electrical

The following section provides information about the MT X104 DC input.

DC Input

Power Supply Mode	Screw-terminal or PD Port
Screw-terminal Supply	12-24V
PD Port	20V—3.25A, 65W max
Line regulation	
3.3V	$< \pm 0.2\%$
5V	$< \pm 0.1\%$
12V	$< \pm 0.1\%$

Chassis Slot

System Controller Slot	1
Peripheral Slots	4 (PXIe)

Backplane slot current capacity

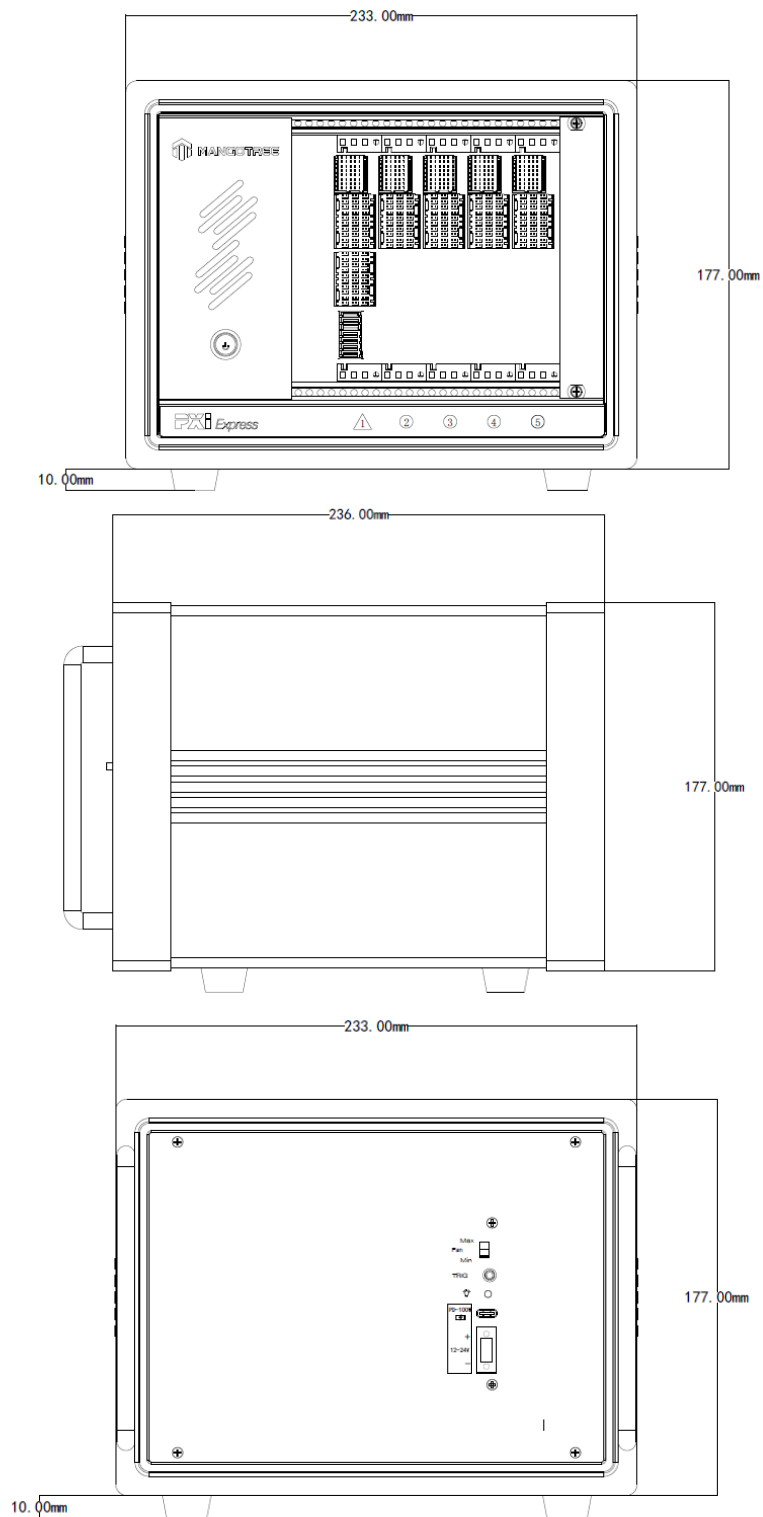
Slot	3.3V	12V	5V
System Controller Slot	5A max	5A max	5A max
Peripheral Slot	5A max	5A max	1.25A max

Note Every two peripheral slots share one 3.3V and 12V.

Mechanical

Weight	3.335 kg
Dimensions	
Height	177 mm
Width	233 mm
Depth	236 mm

Figure 1 MT X104 Chassis Dimensions(front,side and back)



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

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

Maximum altitude	4,600 m(570 mbar)(at 25°C ambient)
Pollution Degree	2
Operating temperature range	0°C to 55°C
Operating humidity range(IEC 60068-2-56)	10% RH to 90% RH, noncondensing Storage
Storage temperature range	-40°C to 71°C
Storage humidity range(IEC 60068-2-56)	5% RH to 95% RH, noncondensing Storage

Indoor use only.