

DataSheet

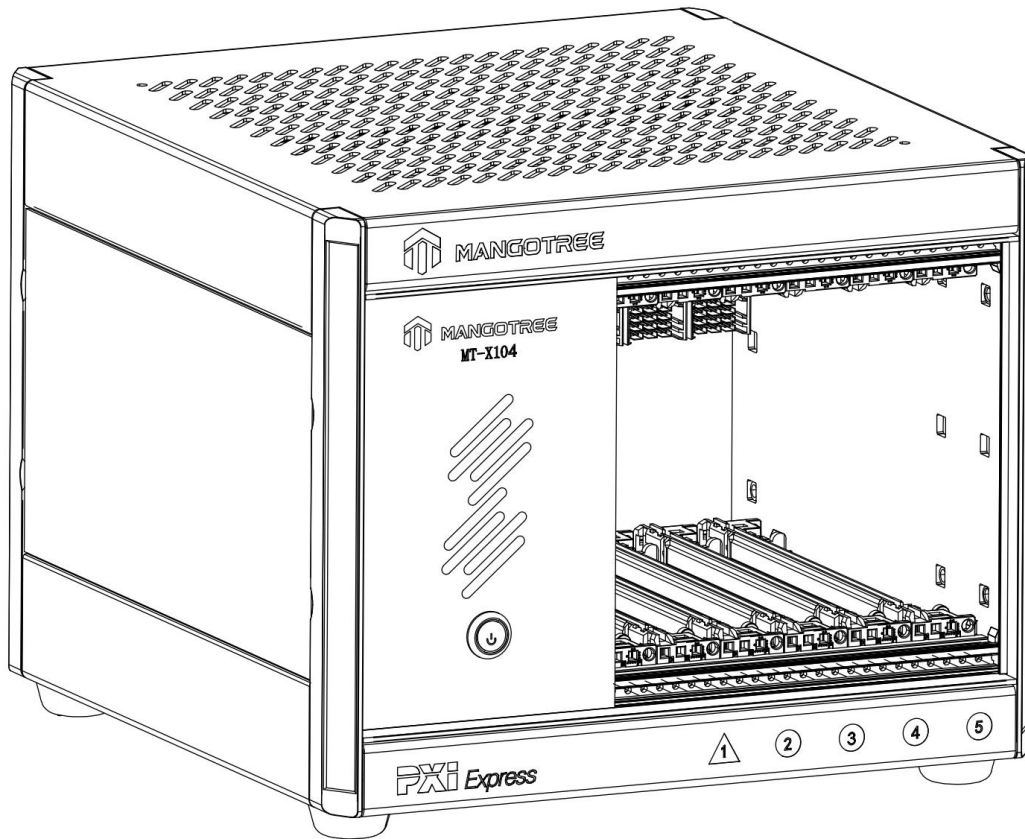
# MT-X104

## 5 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-5A), 65W-100W)
Line regulation	
3.3V	$< \pm 0.2\%$
5V	$< \pm 0.1\%$
12V	$< \pm 0.1\%$

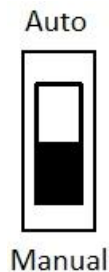
Note: User can choose either Screw-terminal or PD port to supply the chassis.

## Power on Start

There is a power dial switch inside the chassis.

Auto: When power supply, user need press the power button to start the controller.

Manual: When power supply, the controller will start directly.



# Chassis Slot

---

System Controller Slot	1
Peripheral Slots	4 (PXIe)

---

Backplane slot current capacity of each power source:

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

Note:

1. Slot2 and slot3 peripheral slots share one 3.3V power source and one 12V power source.
2. Slot4 and slot5 peripheral slots share one 3.3V power source and one 12V power source.
3. Four peripheral slots share one 5V power source.

# Mechanical

---

Weight	3335 g
--------	--------

---

Dimensions

---

Height	177 mm
--------	--------

---

Width	233 mm
-------	--------

---

Depth	236 mm
-------	--------

---

# 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 <sub>rms</sub> , 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.

Dimensions:(mm)

