DataSheet

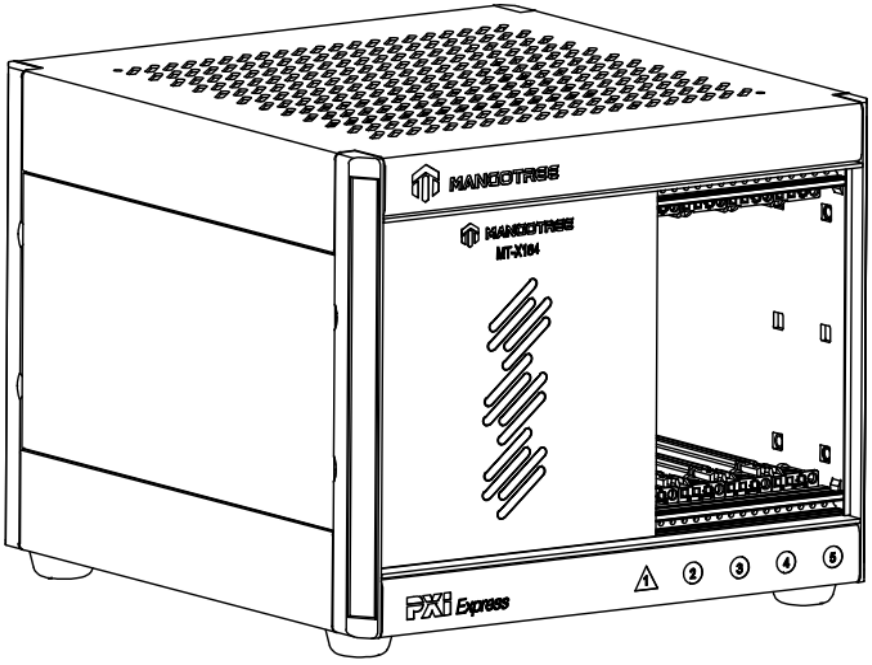
MT-X184

4-Slot PXIe Remote Chassis

The MT-X184 needs to be used with the MT-G292.

This document contains the specifications for the MT-X184 chassis.

Caution Specifications are subject to change without notice.



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Electrical

The following section provides information about the MT X184 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	<±0.2%
5V	<±0.1%
12V	<±0.1%

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

Chassis Slot

Peripheral Slots	4（PXIe）

Backplane slot current capacity of each power source:

Slot	3.3V	12V	5V
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.

PXIe Cable

User need to connect PC to MT-X184 with a PXIe cable

Mechanical

Weight	2695g
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 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)
- 2014/34/EU; Potentially Explosive Atmospheres (ATEX)

Shock and Vibration

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

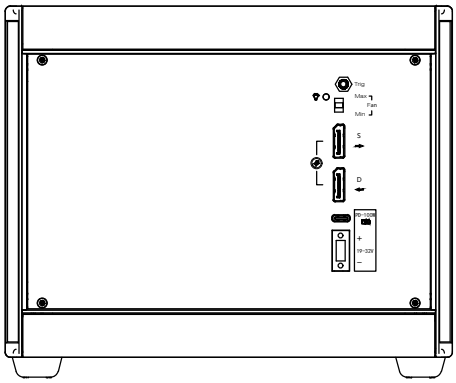
Operating vibration	
Random (IEC 60068-2-64)	5 g_{rms}, 10 Hz to 500 Hz
Sinusoidal (IEC 60068-2-6)	5 g, 10 Hz to 500 Hz
Operating shock (IEC 60068-2-27)	30 g, 11 ms half sine; 50 g, 3 ms half sine; 18 shocks at 6 orientations

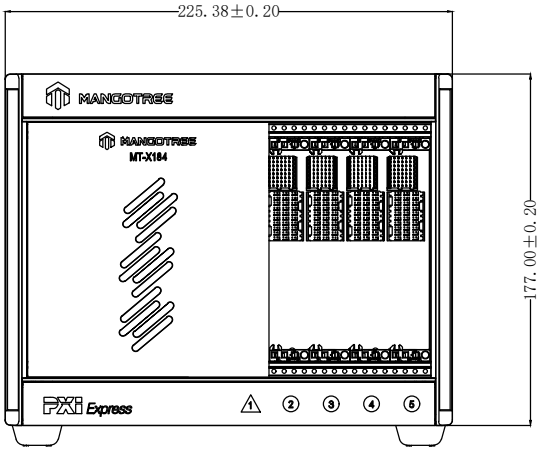
Environmental

Maximun 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.


Trig
Mark
Fan
Mon
S
D
+
5V-12V
-


225.38±0.20
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MT-X104
177.00±0.20
PXI Express
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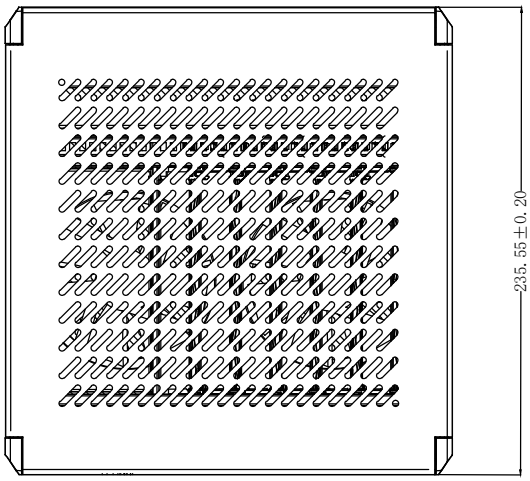
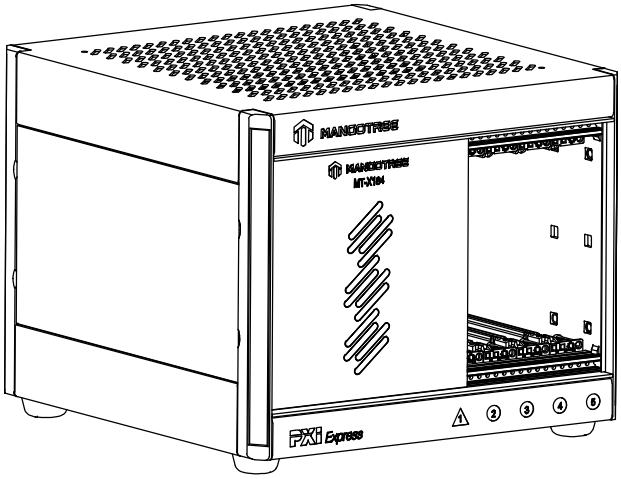

235.55±0.20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MT-X104
PXI Express
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