

# PXIe-2313

## Compact 2-slot Thunderbolt™ 3 PXI Express remote Chassis



🔗 Please download the [<JYPEDIA>](#), you can quickly inquire the product prices, the key features and available accessories.

### Introduction

Introducing the PXIe-2313, a remarkable solution for creating portable and high-performance test and measurement systems. This compact 2-slot Thunderbolt™ 3 PXI Express remote chassis offers unmatched application flexibility, enabling you to take your measurements wherever you go.

With the PXIe-2313, you can transform your notebook equipped with a Thunderbolt™ 3 port into a powerful testing platform. Gone are the days of bulky, stationary equipment. This chassis allows you to effortlessly connect PXI Express and PXI peripheral modules to your Thunderbolt™ 3-enabled laptop, providing you with a truly portable testing solution. Imagine having the ability to expand your

measurement capabilities on the go. Simply select the desired PXI modules—ranging from oscilloscopes and signal generators to digital multimeters—and effortlessly integrate them into your compact PXIe-2313 setup. The Thunderbolt™ 3 interface ensures lightning-fast data transfer, allowing for real-time streaming and high-performance measurements.

Whether you're working in the field, conducting on-site troubleshooting, or require a flexible laboratory setup, the PXIe-2313 delivers unparalleled convenience. Its compact size, coupled with the power of Thunderbolt™ 3 connectivity, empowers you to perform advanced test and measurement tasks with ease.

Embrace the freedom and versatility of a portable test and measurement system with the PXIe-2313. Experience the seamless integration of PXI modules, the speed of Thunderbolt™ 3, and the flexibility to adapt to your specific measurement needs. Revolutionize your testing experience and unlock new possibilities wherever your work takes you.

### Main Features

- Dual Thunderbolt™ 3 ports for host PC connection
- 40Gb/s Thunderbolt™ 3 bandwidth
- Support USB PD 5V up to 15W
- Two PXI Express Hybrid Slots
- Chassis daisy-chain
- Smart fan and chassis status monitoring
- 9~32V wide voltage DC power supply
- Single slot 58W cooling capacity

## Specifications

- PXI-5 PXI Express hardware specification Rev.1.0 compliant
  - 2 Thunderbolt™ 3 ports (USB Type-C connectors, support USB PD 5V up to 15W and daisy-chain capability)
- System Bandwidth: 40Gb/s Thunderbolt™ 3
- Smart fan & temperature, voltage, fan monitor
- Peripheral Slots: 2 PXIe Hybrid slots up to PCIe Gen3 x4
- Backplane PXI Signals
  - PXI 10MHz sync signals
  - PXIe 100MHz sync signals
  - PXI Trigger Bus/Local Bus
- DC Power Output (total of slot 2,3 and USB power delivery) up to 130W

Voltage Rail	5V	3.3V	12V	-12V	5Vaux
Maximum Current	7.5A	8.5A	10.8A	1.5A	1A

- The maximum power available for Thunderbolt port A is 60 W (20 V/3 A)
- The maximum power available for Thunderbolt port B is 15 W (5 V/3 A)
- Backplane Slot Current Capacity

Slot	5V	3.3V	12V	-12V	5Vaux
2, 3	6A	9A	7A	1A	1A

- Cooling capacity: up to 58W(0 °C ~ 40 °C); 38W(0 °C ~ 50 °C)
- Wide range DC 9 to 32V input, 160W max
- Dimensions: 167 x 67 x 200mm
- Operating temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -20°C to 80°C (-4°F to 176°F)

## Order Information

PXIe-2313(PN: JY7045586-01)

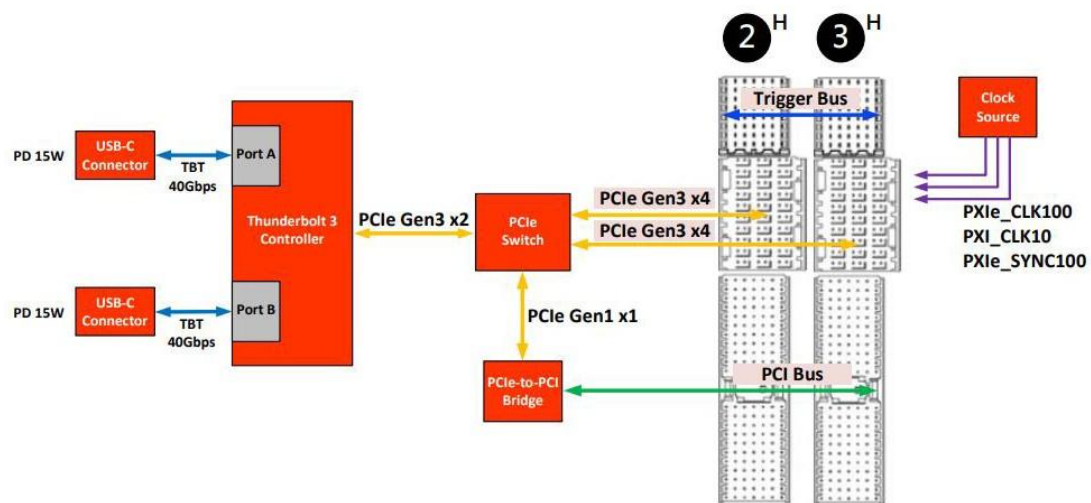
2-slot Thunderbolt 3 PXI Express remote Chassis with 120W DC power supply

## Accessory

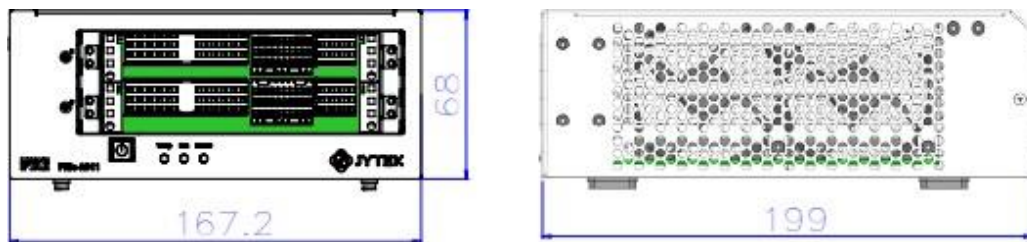
ACL-TDB3911-02(PN: JY3911001-02)

Thunderbolt 3 USB Type-C cable , Active 40 Gbps 2m

## Block Diagram



## Mechanical Dimensions



(All dimensions in millimeters)

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