PXES-2314T

Compact 4-slot Thunderbolt™ 3 PXI Express Chassis

Features

- Dual Thunderbolt™ 3 ports for host PC connection
- 40Gb/s Thunderbolt™ 3 bandwidth
- USB Power Delivery up to 60W
- Four PXI Express Hybrid Slot
- Programmable Trigger I/O port
- Smart fan and chassis status monitoring



Introduction

The PXES-2314T is a compact 4-slot Thunderbolt™ 3 PXI Express chassis offering application flexibility and high performance. A compact PXI system for test and measurement requires only the PXES-2314T and a host PC equipped with a Thunderbolt™ 3 port, and desired PXI Express and PXI peripheral modules.

Specifications

- PXI-5 PXI Express hardware specification Rev.1.0 compliant
- 2x Thunderbolt™ 3 ports (USB Type-C connectors, support USB PD 5V, 9V, 15V and 20V up to 60W and daisy-chain capability)
- System Bandwidth: 40Gb/s Thunderbolt™ 3
- 1 Trigger I/O port programmable from/to backplane PXI Trigger Bus
- Smart fan & temperature, voltage, fan monitor
- Peripheral Slots:
  - 2 PXIe Hybrid slots up to PCIe Gen2 x1 (slot 2 and 3)
  - 2 PXIe Hybrid slots up to PCIe Gen3 x4 (slot 4 and 5)
- Backplane PXI Signals
  - PXI 10MHz sync signals
  - PXIe 100MHz sync signals
  - PXI Trigger Bus/Local Bus
- DC Power Output (total of slot 2,3,4,5 and USB power delivery) up to 140W
- DC Power Current Capacity per Slot

Slot	5V	3.3V	12V	-12V	$5V_{aux}$
2,3,4,5	6A	9A	6A	1A	1A

- Cooling capacity: up to 58W(0~40˚C)/38W(0~50˚C) per slot
- Wide range DC 16 to 32V input, 160W max
  Wide range DC 9 to 12V input, 120W max
- Dimensions: 207.9 x 148.4 x 220.5mm (8.19" x 5.84" x 8.68")
- Operating temperature 0˚C to 50˚C (32˚F to 122˚F)
- Storage temperature -40°C to 71°C (-40˚F to 159.8˚F)

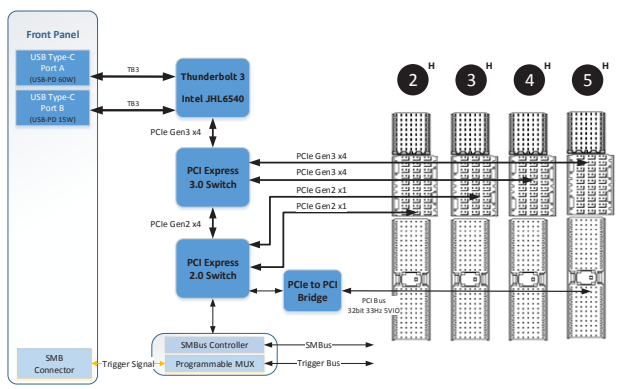
Ordering Information

- **PXES-2314T**
  4-slot Thunderbolt 3 PXI Express chassis
- **PXES-2314T Kit**
  PXES-2314T with TB3 0.7m cable, 160W AC-DC adapter, and power cords (US/EU, China, or AU/NZ)

Optional Accessories

- **Thunderbolt 3 Type-C Cable, Passive**
  40 Gbps, 3A, 0.7 meter, Passive
- **Thunderbolt 3 Type-C Cable, Active**
  40 Gbps, 3A, 2.0 meters, Active
- **160W AD-DC Power Adapter**
  MEANWELL GST160A24-AD DC24V 6.67A
- **Power Cord (US, EU, China, or AU/NZ)**

Block Diagram



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Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000