PXIS-3320

15-Slot 6U PXI/CompactPCI Chassis with AC



Introduction

The ADLINK PXIS-3320 is a 19" 6U PXI chassis comes with one system slot and 14 peripheral slots that supports both PXI and CompactPCI modules. Compliant with the PXI specifications Rev. 2.2, the PXIS-3320 highlights a star trigger, PXI trigger bus, 10 MHz reference clock, and PXI local bus to facilitate synchronization among multiple peripheral modules. The PXIS-3320 series is equipped with two hot-swappable, industrial-grade 250 W power supply units and LEDs that tell the status of voltage, temperature, and system fans. In addition, two fan decks of PXIS-3320 , which generate total 482 CFM air flow, provide the ultimate thermal stability. For applications requiring multiple, multi-standard modules, and robust design, insist on ADLINK PXIS-3320.

Features

- **Supports 6U PXI and CompactPCI modules**
- **PXI specifications Rev. 2.2 compliant**
- **Provides one system slot and 14 PXI/CompactPCI peripheral slots**
- **Dual hot-swappable 250 W CompactPCI power supply with universal AC input**
- **Filtered, forced air-cooling architecture**
- **Magnetic circuit breaker protection for AC input**
- **Temperature, voltage, and fan monitoring LEDs**
- **Optional 1000 W power supply**

Specifications

Power Supply

- Form factor: PICMG 2.11 compliant CompactPCI power module
- AC input: 100 to 240 VAC, 50 Hz to 60 Hz
- DC output for each power module: 250 W

VDC	Minimum	Typical	Maximum
+5 V	2.0 A	25.0 A	33.0 A
+12 V	0.0 A	5.0 A	5.5 A
+3.3 V	0.0 A	18.0 A	33.0 A
-12 V	0.0 A	0.5 A	1.0 A

Cooling

- Fans for intake: Five 80 mm x 80 mm x 25 mm (3.1" x 3.1" x 0.97"), dual ball-bearing fans, 48.2 CFM/each
- Fans for ventilation: Five 80 mm x 80 mm x 25 mm (3.1" x 3.1" x 0.97"),dual ball-bearing fans, 48.2 CFM/each

Physical

- Number of Slots: 15 (1 system slot + 14 peripheral slots)
- Dimensions: 483 mm (W) x 398 mm (H) x 295 mm (D) (18.8" x 15.5" x 11.5"), without handles
- Weight: 23 kg (50.6 lbs)

Operating Environment

- Ambient temperature: 0°C to 45°C (32°F to 113°F)
- Relative humidity: 10% to 90%, non-condensing

Storage Environment

- Ambient temperature: -20°C to 70°C (-4°F to 158°F)
- Relative humidity: 5% to 95%, non-condensing

Shock and Vibration

- Shock: 15 $G_{peak\text{-}to\text{-}peak}$, 11 ms duration
- Random Vibration
  - Operating: 5 Hz to 500 Hz, 0.5 G_{RMS}, each axis
  - Non-operating: 5 Hz to 500 Hz, 1.88 G_{RMS}, each axis

Emissions Compliance

- EN 55022
- FCC Class A

CE Compliance

- Immunity: EN 55024

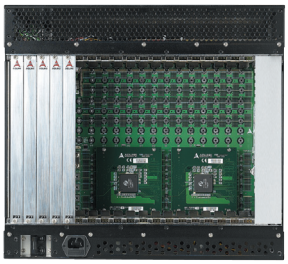
Recommended System Controller

	PXIS-3320
cPCI-6965	√

Ordering Information

- **PXIS-3320**
  15-Slot 6U PXI/CompactPCI Chassis with 500 W Hot-swappable Power Supply
- **PXIS-3320/1000W**
  15-Slot 6U PXI/CompactPCI Chassis with 1000 W Hot-swappable Power Supply
- **PXIS-3320/TB**
  15-Slot 6U PXI/CompactPCI Chassis with 500 W Hot-swappable Power Supply and connected trigger bus segments
- **PXIS-3320/1000W/TB**
  15-Slot 6U PXI/CompactPCI Chassis with100 W Hot-swappable Power Supply and connected trigger bus segments

Note: Trigger bus segments on the backplane in the slots 1 to 6, 7 to 12, and 13 to 15 are electrically isolated from each other in the first two ordering options. Ordering options with TB support only one trigger bus segment connected from the first to last slots.



PXIS-3320 Back View



PXIS-3320/1000W

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