

PXIS-2670

14-Slot 3U PXI/CompactPCI Chassis with 500 W AC Power Supply

Features

- Most compact 14-slot PXI chassis to date
- Supports both 3U PXI and CompactPCI modules
- PXI Specifications Rev. 2.2 compliant
- Equipped with one system slot and 13 PXI/CompactPCI peripheral slots
- Industrial-grade 500 W ATX power supply
- Filtered, forced-air cooling architecture
- Temperature, voltage, and fan monitoring LEDs



Introduction

ADLINK PXIS-2670 is, to date, the most compact 14-slot PXI chassis that provides one system and 13 peripheral slots in a space-saving 483 mm x 178 mm x 258 mm dimension. Supporting both 3U PXI and CompactPCI modules, the PXIS-2670 chassis is compliant with PXI specification Rev. 2.2 and highlights PXI features including a 10 MHz reference clock, start trigger, local bus, and a trigger bus divided into two segments by a single PCI bridge.

Reliable power is supplied to the PXIS-2700 chassis by an industrial-grade 500 W AC power supply. The status of system power supplies, temperature, and fan operations are monitored by a chassis-integrated alarm module. When a failure is detected, the corresponding LED lights up and the buzzer sounds an alarm. Designed with hot-swappable fan trays, any defective fan may be removed and replaced from the front panel even when the system is running, ensuring uninterrupted operation and reduced MTTR (Mean-Time-To-Repair).

Specifications

Power Supply

- Form factor: 500 W 2U ATX AC power supply
- AC input: 100 to 240 V_{AC}, 50 Hz to 60 Hz
- DC output: 500 W

V _{DC}	Minimum	Maximum
+5 V	1.0 A	45.0 A
+12 V	0.0 A	35.0 A
+3.3 V	0.0 A	28.0 A
-12 V	0.0 A	0.8 A

Cooling

- Fans: Five 80 mm x 80 mm x 15 mm ball-bearing fans in hot-swappable fan trays, 31 CFM/each

Physical

- Dimension: 483 mm x 178 mm x 258 mm (W x H x D) without handles
- Weight: 14 kg

Operating Environment

- Ambient temperature: 0°C to 50°C
- Relative humidity: 10 to 90%, non-condensing

Storage Environment

- Ambient temperature: -20°C to 70°C
- Relative humidity: 5 to 95%, non-condensing

Shock and Vibration

- Shock: 15 G_{peak-to-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

Recommended System Controller

- PXI-3800
- PXI-3800/CM13
- PXI-3800/PM18
- PXI-3800/PM18+

Ordering Information

- **PXIS-2670**
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Hot-swappable fans for easy replacement



Voltages, temperature, and fan monitoring LEDs

1 Software Solutions

2 PXI/CompactPCI Platforms

3 PXI-Based Instruments

4 PXI/CompactPCI Modules

5 PCI/PCI Express™ DAQ Cards

6 PCI DIO Cards

7 PC/104-Plus Products

8 ISA DAS/DIO Cards

9 Wiring Termination Boards

10 Motion, HSL, Vision, COM & GEME

11 Remote I/O Modules

12 Industrial Computers