

PXIS-2630/2650T

8-Slot 3U PXI/CompactPCI Chassis with 400 W AC Power Supply

Features

- Supports both 3U PXI and CompactPCI modules
- PXI Specifications Rev. 2.2 compliant
- Equipped with one system slot and seven PXI/CompactPCI peripheral slots
- Industrial-grade 400 W ATX power supply
- Filtered, forced air-cooling architecture by hot-swappable fan trays
- Temperature, voltage, and fan monitoring LEDs
- Built-in 7" LCD display with touch panel (PXIS-2650T)



PXIS-2630 Front View

Introduction

Prepared for rugged mobility, the ADLINK PXIS-2630/2650T series is a 3U PXI chassis with one system slot and seven peripheral slots. The chassis is compliant with PXI and CompactPCI specifications and accepts both PXI and CompactPCI modules. The PXIS-2630/2650T integrates all PXI features, including a 10 MHz reference clock, start trigger, local bus, and trigger bus.

Reliable power is supplied to the PXIS-2630/2650T chassis by an industrial-grade 400 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).

Perfect for applications requiring integrated display, the PXIS-2650T comes with a 7" LCD display with up to 800x480 resolution. The display is equipped with touch panel functionality for convenient data input. The PXIS-2630/2650T chassis is the best alternative for all your PXI applications.

Notice:

The PXIS-2650T implements rear I/O. The PXI chassis with rear I/O was designed to provide internal or external chassis I/O using a rear transition module that matches the PXI controller.

Warning:

If the PXIS-2650T is used with a controller that does not match the rear transition module, the rear I/O functionality may not operate and may cause damage to the PXI controller or the rear transition module.

Specifications

Power Supply

- Form factor: 400 W ATX AC power supply
- AC input: 100 to 240 V_{AC}, 50 Hz to 60 Hz
- DC output: 400 W

V _{DC}	Min.	Max.
+5 V	2.5 A	35.0 A
+12 V	1.0 A	20.0 A
+3.3 V	1.0 A	28.0 A
-12 V	0.0 A	1.0 A

Integrated Devices

- Display: 7" TFT LCD, 800x480 resolution (PXIS-2650T)
- Input device: Touch panel 7" TFT LCD (PXIS-2650T)

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:
 - 11 kg (PXIS-2630)
 - 12.2 kg (PXIS-2650T)

Operating Environment

- Ambient temperature:
 - 0°C to 50°C (PXIS-2630)
 - 0°C to 45°C (PXIS-2650T)
- Relative humidity: 10% to 90%, non-condensing

Storage Environment

- Ambient temperature:
 - -20°C to 70°C (PXIS-2630)
 - 0°C to 70°C (PXIS-2650T)
- 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 GRMS, each axis
 - Non-operating: 5 Hz to 500 Hz, 1.88 GRMS, each axis

Recommended System Controller

- PXI-3920 (PXIS-2630 only)
- PXI-3910 (PXIS-2630 only)
- PXI-3800
- PXI-3800/CM13
- PXI-3800/PM18
- PXI-3800/PM18+



PXIS-2650T Front View



Hot-swappable Fan Trays of PXIS-2630/2650T

Ordering Information

- **PXIS-2630**
8-Slot 3U PXI/CompactPCI Chassis with 400 W AC Power Supply
- **PXIS-2650T**
8-Slot 3U PXI/CompactPCI Chassis with 400 W AC Power Supply, 7" LCD Display and Touch Panel