PXIS-2680P

8-Slot 3U Integrated Portable PXI Chassis with Dual-300 W Mini-Redundant AC Power Supply



Introduction

Perfect for portable, rugged, and highly-mobile applications, the ADLINK PXIS-2680P is a 3U PXI instrumentation chassis with 8-slot capacity for both PXI/CompactPCI modules and comprehensive PXI functionalities. It features a PXI trigger bus, star trigger, 10 MHz reference clock, and local bus for instrumentation applications. Equipped with 15" LCD touch screen and multiple input devices, the ADLINK PXIS-2608P does not require any other wiring when deployed with ADLINK's PXI-3800 system controller. From a built-in DVD combo drive that features high-speed data recording and backup, to a pair of 300 W mini-redundant power modules, the PXIS-2680P is suitable for laboratory, power industry, military, and communication applications on or off the road.

■ Notice:

The PXIS-2680P implements rear I/O. PXI chassis with rear I/O are designed to provide internal or external chassis I/O using a rear transition module that matches the PXI controller.

■ Warning:

If the PXIS-2680P 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.

Features

- **Designed for portable PXI instrumentation applications**
- **PXI Specifications Rev. 2.2 compliant**
- **Equipped with one system slot and 7 PXI/CompactPCI peripheral slots**
- **Two hot-swappable 300 W ATX power supplies with redundancy**
- **High-brightness 15" TFT LCD display with 1024x768 resolution**
- **Multiple input devices including keyboard, touch pad, and touch panel**
- **Built-in slim-type DVD combo drive**





1 **Hot-Swappable Redundant Power Supply**



2 **Slim-Type DVD Combo Drive**

Specifications

Power Supply

- Form factor: Dual-300 W mini-redundant, hot-swappable AC power supply
- AC input: 100 to 240 VAC, 50 Hz to 60 Hz
- DC output: 300 W

VDC	Minimum	Maximum
+5 V	3.0 A	35.0 A
+12 V	2.0 A	15.0 A
+3.3 V	1.0 A	24.8 A
-12 V	0.1 A	0.8 A

Integrated Devices

- Display: 15" TFT LCD, up to 1024 x 768 resolution
- Input device:
  - 108-key keyboard with touchpad
  - Built-in 15" touch screen
- DVD drive: slim-type DVD combo drive

Cooling

- Fans: Two 80 mm x 80 mm x 25 mm ball-bearing fans, 41 CFM/each

Physical

- Number of PXI slots: 8 (1 system slot + 7 peripheral slots)
- Dimensions: 400 mm x 291 mm x 223.3 mm (W x H x D, without fan frame)
- Weight: 12 kg (26.4 lbs)

Operating Environment

- Ambient temperature: 0°C to 50°C
- Relative humidity: 20% to 90%, non-condensing

Storage environment

- Ambient temperature: -20°C to 70°C
- Relative humidity: 10% to 90%, non-condensing

Shock and Vibration

- Shock: 10 $G_{peak\text{-}to\text{-}peak}$, 11 ms duration
- Random Vibration
  - Operating: 5 Hz to 500 Hz, 0.31 G_{RMS}, each axis
  - Non-operating: 5 Hz to 500 Hz, 2.46 G_{RMS}, each axis

Emissions compliance

- EN 55022
- FCC Class A

CE compliance

- Safety: EN 60950
- Immunity: EN 55024

Recommended System Controller

	PXIS-2680P-B
PXI-3900 series	√

Ordering Information

■ **PXIS-2680P-B**
8-slot 3U Integrated Portable PXI Chassis for PXI-3900 Series Controller (shipped with a carriage bag)

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