

Specifications

Complies with PXI specifications and accepts modules compliant with CompactPCI, PICMG 2.0 specifications

Electrical

- AC Power Supply
 - PICMG standards: PICMG 2.11 compliant
 - Input voltage: 100 to 240 ± 10% V_{AC}
 - Input frequency: 50 to 60 ± 5% Hz
 - Output

Maximum usable power: 300 W

V _{DC}	Typical	Maximum
+5 V	25.0 A	33.0 A
+3.3 V	18.0 A	33.0 A
+12 V	5.0 A	5.5 A
-12 V	0.5 A	1 A

- Power LED
 - LED display: ON for normal condition

Cooling

- Fans
 - Two 41.4 CFM fans at the bottom of the chassis
 - Fan speed: 3100 ± 250 RPM
 - Noise: 35 dB(A)
 - Power: 12 V_{DC} @ 0.20 A each fan
 - Air filter: removable

Physical

- Number of PXI/CompactPCI slots: 6 (1 controller, 5 peripherals)
- Number of controller expansion slots: 2 (left of controller slot)
- Dimensions
 - PXIS-2506: 237 mm x 221.4 mm x 177 mm (L x W x H, without wall mount kit, card handles, nor stand feet)
 - PXIS-2556: 253.1 mm x 221.4 mm x 177 mm (L x W x H, without wall mount kit, nor stand feet)
 - PXIS-2556T: 253.1 mm x 221.4 mm x 177 mm (L x W x H, without wall mount kit, nor stand feet)
- Weight
 - 4.5 KG (PXIS-2506)
 - 5.0 KG (PXIS-2556)
 - 5.2 KG (PXIS-2556T)

Operating Environment

- Ambient temperature range

Model	Temperature
PXIS-2506	0 to 50 °C
PXIS-2556	0 to 45 °C
PXIS-2556T	0 to 45 °C

- Relative humidity: 10 to 90%, noncondensing

Storage Environment Temperature

Model	Temperature
PXIS-2506	-20 to 70 °C
PXIS-2556	0 to 70 °C
PXIS-2556T	0 to 70 °C

- Relative humidity: 5 to 95%, noncondensing

Backplane

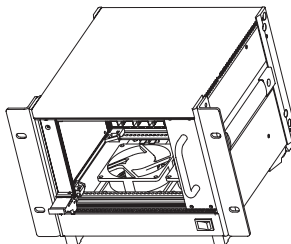
- Backplane bare-board material: UL 94V-0 rated
- Backplane connectors: Conforms to IEC-917 and IEC 1076-4-101, UL 94V-0 rated
- Number of PXI/CompactPCI slots: 6 (1 controller, 5 peripherals)

Shock and Vibration

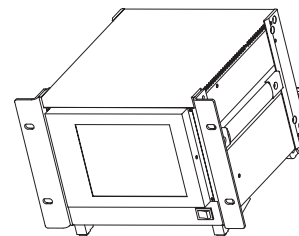
- Shock : 15 G peak-to-peak, 11 ms duration, non-operation
- Random Vibration
 - Operating: 5 to 500 Hz, 0.5 G_{RMS}, each axis
 - Nonoperating: 5 to 500 Hz, 1.88 G_{RMS}, each axis

Safety and EMC/EMI Compliance

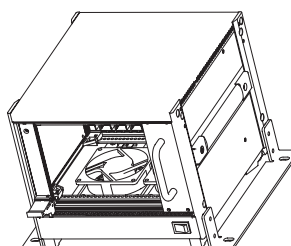
- EMC/EMI: CE, FCC Class A



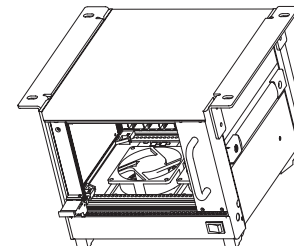
Wall mount on the front side



Wall mount on the LCD side



Wall mount on the bottom



Wall mount on the top

Ordering Information

- **PXIS-2506**
6-Slot 3U PXI/CompactPCI Instrument Chassis with cPS-H325/AC
- **PXIS-2556**
6-Slot 3U PXI/CompactPCI Instrument Chassis with cPS-H325/AC and 6.4" LCD
- **PXIS-2556T**
6-Slot 3U PXI/CompactPCI Instrument Chassis with cPS-H325/AC, 6.4" LCD, and Touch Panel

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