

52022



PXI 3U/6U SUPER CHASSIS™ Model 52022

The 52022 is a PXI 3U/6U chassis that offers unprecedented flexibility and convenience for the users. 52022 Super Chassis is factory configured to have 15-3U slots and 7-6U slots. Using the enclosed conversion kit, the user can reconfigure the mix of 3U/6U slots to fit their applications. Up to 23-3U slots can be configured, with the 6U slots reduced to 3.

52022 Super Chassis has two separate sets of fans for optimal cooling. One set draws the air in from the bottom to provide cooling to the chassis. Another set draws air out of the top of the chassis to ensure proper cooling for the upper

deck slots. The Super Chassis is powered by two removeable 6U height 400W power supplies with N+1 redundancy and fault-tolerance features.

52022 Super Chassis offers voltage and fan monitoring service as well as multi-point temperature controlled fans.

* Worldwide patents applied for

Applications

- Test and Measurement
- Instrumentation
- Telecommunications
- Military

Features :

- Multiple Configuration
 - 15 slots for 3U & 7 slots for 6U cards
 - 17 slots for 3U & 6 slots for 6U cards
 - 19 slots for 3U & 5 slots for 6U cards
 - 23 slots for 3U & 3 slots for 6U cards
- 8U form factor PXI chassis
- 19" EIA Rack mounting format
- 400 W/ea (x2) plug-in power supply
- Voltage and Fan Monitoring Included
- Multi-Point Temperature Controlled Fans
- Easily convertible for rack or bench used
- 51cfm (x4) and 140 cfm (x3), High Pressure Tube -Axial Fans
- Fan speed selector switch available
- Comprehensive EMC shielding
- Compliant with PXI specification R2.2



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SPECIFICATIONS	
Backplane	<ul style="list-style-type: none"> • 6U-sized; PXI backplane • Compliant with PXI Specification R2.2 • Accepts both PXI and CompactPCI (PICMG 2.0 R3.0) 3U & 6U modules
Accessible Slots	<ul style="list-style-type: none"> • 15 slots for 3U cards and 7 slots for 6U cards • 17 slots for 3U cards and 6 slots for 6U cards • 19 slots for 3U cards and 5 slots for 6U cards • 23 slots for 3U cards and 3 slots for 6U cards
Power Supply	1+1 redundant hot-swappable 6U 400W CompactPCI power supplies <ul style="list-style-type: none"> • Input voltage range: 90-264VAC • Input frequency range: 47-63Hz
Bus Width	64-bit
Rack Mounting	8U, 19" EIA rack mounting format
Cooling Capacity	TBD
Module Cooling	51cfm(x4) and 140cfm(x3), High Pressure Tube -Axial Fans
Slot Airflow Direction	P1 to P2, bottom of module to top of module
Module Cooling Fan MTBF	75,000+hr
Regulatory Compliance	UL, CE, FCC Class A
Weight	18.4 kg (40.5 lb)
Dimensions	<ul style="list-style-type: none"> • Desktop: 437.2mm(W) x 335mm(D) x 354.8mm(H) • Rack-mount: 482.6mm(W) x 370.0mm(D) x 354.8mm(H)
Operating Temp.	0~55°C
Storage Temp.	-20~70°C
Humidity	10~95% @ 40°C, non-condensing
Packaged Vibration	5~100Hz: 0.015G ² /Hz 100~200Hz: -6 dB/Oct 200 Hz: 0.0038 G ² /Hz
Unpackaged Vibration	5~55~5Hz 0.38mm Peak to Peak
Drop Test	Falling Height: 76 cm Falling: 1 corner/3 edges/6 faces
Shock Test (Operating)	Acceleration: 30G Pulse width: 11ms Pulse shape: half sine wave No. of shock: 3 shocks for bottom side

All specifications are subject to change without notice.

Order Information

52022 PXI 3U/6U Super Chassis

Accessories

A520200 Accessories for field configuration



A520200



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