



4U Instrumentation Hybrid Enclosure

Product #OSS-CPCIe-4U-ENCL-INST-HYB-400



Description

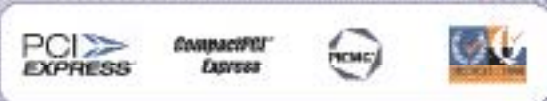
4U instrumentation hybrid chassis supports up to seven 3U CPCIe boards and four CPCI boards.

Features

- 4U high x 21-slot wide instrumentation enclosure, no rear I/O
- 3U hybrid cPCI/cPCIe backplane
- Bridge board and switch board supports both CPCIe and CPCI boards
- Enclosure can be used with CPCIe CPU board or as an expansion chassis with OSS-KIT-EXP-6000
- Two 200-watt power supplies
- Three fixed fans provide bottom-to-rear airflow
- AC input and on/off switch on rear of enclosure
- DC input also available

Specifications

Backplane Specifications:	<ul style="list-style-type: none"> • One 2 link system slot with rear I/O • One x16 type 1 peripheral slot with rear I/O • Two x4 type 1 peripheral slots with rear I/O • Three x4 type 2 peripheral slots with rear I/O • One switch slot as defined in PICMG EXP.0 • One Hybrid Bridge Board slot to allow bridging the CPCIe backplane segment to the legacy backplane segment • Four 32-bit/33MHz legacy slots with rear I/O • 1 SATA or 1 SAS hard drive connection • USB thin floppy disk drive connection • 2 3U power supply connections
Hybrid Bridge Board (HYB):	<ul style="list-style-type: none"> • Form Factor: 3U or 6U CompactPCI Express, PICMG EXP.0, Single Slot • Slot Type: PICMG EXP.0 busbed hybrid slot • Bridge: PLX PEX 8114 • Front Panel Indicators: Bank of 4 PCIe lane active indicators (green) • Power consumption: 3.3V @ 2A • Temperature Range: 0° to 55°C (32° to 122°F)
Switch Board (SW):	<ul style="list-style-type: none"> • Form Factor: 3U CompactPCI Express, PICMG EXP.0, single slot • Slot Type: PICMG EXP.0 switch slot • Power Consumption: 3.3V @ 2A • Front Panel Indicators: Bank of 8 PCIe link active indicators (green) • Temperature Range: 0° to 55°C (32° to 122°F)
Power Supply:	<ul style="list-style-type: none"> • AC Input: 90-264 Vac continuous range, 47 to 63 Hz • Cooling: 15 cfm, 225 lfm required for cooling • Thermal Protection: Shuts down power supply if overheated, automatic recovery • Temperature Range: 0° to 40°C • MTBF: 421,408 hours
Agency:	Models are approved to UL1950; CSA 22.2 #234



www.onestopsystems.com

Phone 877-438-2724 • Fax 760-466-1678 • salas@onestopsystems.com