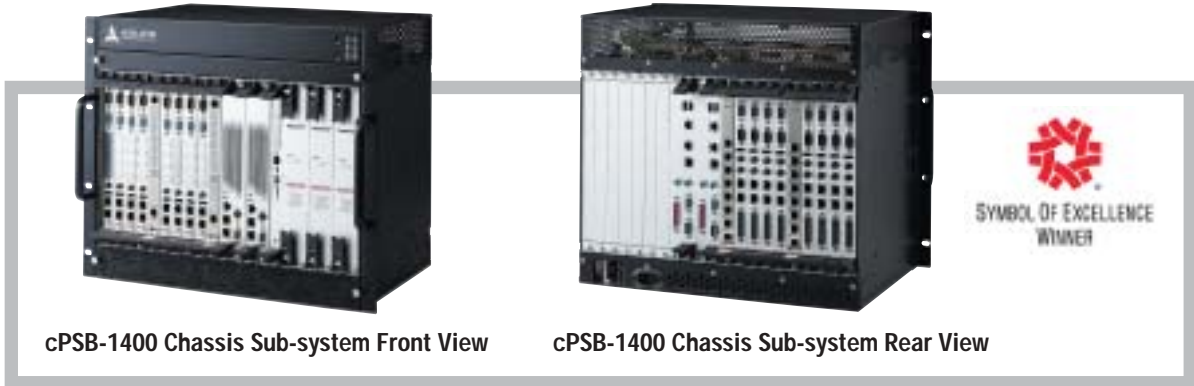


cPSB-1400 Chassis Sub-system

9U Rackmount PICMG 2.16 & 2.9 6U CompactPCI Blade Server Sub-system

Carrie Grade Chassis



Features

- Standard 6U CompactPCI and PICMG 2.16 open architecture
- Dual PICMG 2.16 fabric slots for switching-HA
- Total 21-slots, including configurable 12 node slots, 2 fabric slots, 3 redundant 6U 8HP CompactPCI power modules and 1 optional CMM slot
- 2+1 hot swappable 800W+400W redundant system power supply with Universal AC input
- PICMG 2.9 compliant backplane with FAL#, DEG# sense and INH# control for each power module
- Optional PICMG 2.9 with IPMI CMM for remote monitoring and controlling whole system via Ethernet
- Guarded power switch and reset button
- Redundant cooling architecture
- Magnetic circuit breaker protection for AC-input
- Designed to meet NEBS Level 3 installation

Applications

- High availability mission critical applications
- High performance technical computing for scientific or image processing
- ISP/Enterprise HA web/Email hosting/ Application Server
- Redundant security blade include Firewall/VPN/IDS/Traffic Management
- Media Gateway
- Signaling Gateway
- Multi-access switch
- MSC/BSC/RNC
- HLR/VLR
- Multimedia on demand (MOD)

Specifications

CompactPCI Standards	2.0 R3.0; 2.1 R2.0; 2.9 R1.0; 2.11 R1.0; 2.16 R1.0
Form Factor	6U cPCI with 80 mm depth rear I/O
Enclosure	EIA RS-310C 19" 9U high rack-mount enclosure Coated metal plate outer covering Guarded power switch and reset button
Basic Alarm Module (Model dependent)	Monitoring inner chassis temperature, fan status Abnormal status will generate alarm and LED warning Alarm reset (silence of beeper) LED indications show power voltage status on 5V, 3.3V, 12V and -12V
Remote Chassis Monitoring Module (Model dependent)	Same as basic alarm function plus: Monitors boards via the Intelligent Platform Management Interface (IPMI) Monitors backplane voltages and status for up to eight power supplies System event logging for abnormal status Remote login and management via LAN or Modem Remote reset control for compute blades Web-based GUI for both remote and stand-alone application
Cooling System	Front-access hot-swappable fan trays for in-take and ventilation 12V DC brush-less, dual ball bearing 5 fans for in-take and 5 fans for ventilation Rated speed for each fan: 4000 ± 500 RPM Rated power for each fan: 2.64W Air flow for in-take: 241 CFM Air flow for ventilation: 241 CFM
Power Supply	Supports up to 3 in-rack 6U cPCI 8HP power modules Supports current sharing on 5V, 3.3V and 12V PICMG 2.11 47-pin power interface Available power module: cPS-H640/AC (400W redundant)
Backplane	cBP-6614A: 14-slot PICMG 2.16 6U cPCI Blade Server Backplane without CT Bus
Dimension	483.2 x 399 x 299.1 (mm, WxHxD, w/o handle)
Weight	23 Kg (including 800W + 400W redundant power supply and backplane)
Operating temperature	0 to 45°C
Storage temperature	-20 to 80°C
Humidity	5% to 95%, non-condensed
Shock	15G peak-to-peak, 11ms duration, non-operation
Vibration	Non-operation: 1.88Grms, 5-500Hz, each axis Operation: 0.5Grms, 5-500Hz, each axis, test with 2.5"
HDD	
Safety or Certificate	CE, FCC class A
NEBS	Design for NEBS Level 3

