

# P2100 2U cPCI System

- ▶ 2U Rack Mount Chassis
- ▶ 4 Slot cPCI Backplane
- ▶ Range of Processor Boards
- ▶ Rear I/O
- ▶ Dual Hot Swap Power Supplies
- ▶ Hot Swap Cooling
- ▶ Optional System Alarm Monitoring



## 2U Enclosure

- ▶ 2U 19" Rack Mount cPCI Platform
- ▶ Lightweight Aluminium Design
- ▶ Options for Colour and Logo Customisation.
- ▶ Dual Hot Swap Redundant AC or DC 250W cPCI Power Supply Modules
- ▶ Dual Power Cords with Retaining Clips (AC option shown)
- ▶ Optional Integrated Hard Disk Drive
- ▶ Front Access Hot-Swap Cooling Fan Module
- ▶ High Flow Centrifugal Blowers, Air Flow Left Side In, Right Rear Out

## cPCI Backplane

- ▶ 4 Slots 6U Compact PCI Backplane
- ▶ Optional H.110 Support
- ▶ Optional 2.16 Support
- ▶ Custom Backplanes Available



## Processor Board

- ▶ Wide Choice of Host Processor Board
- ▶ Pentium M, Core Duo, Core 2 Duo and Xeon Options
- ▶ Dual Gigabit Ethernet LAN
- ▶ On board 2.5" HDD Option

## Rear I/O

- ▶ 4 Rear I/O Slots (one used if Guardian Alarm option is specified)
- ▶ Intel 10/100/1000 Ethernet Controller (on example processor rear I/O)
- ▶ Dual Gigabit RJ45 LAN Ports
- ▶ Rear I/O Connections Dependant on Processor Board Option Choice

### Processor System (Pentium M Option Example)

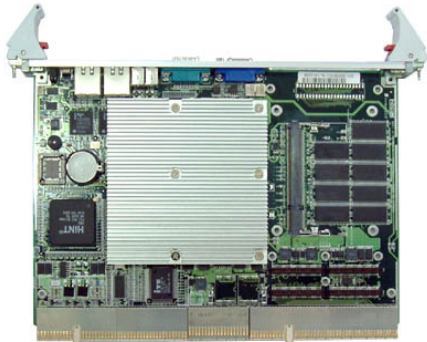
- ▶ 6U CompactPCI CPU board
- ▶ Intel® Pentium M Processor (example)
- ▶ PICMG 2.0 R3 Compliant
- ▶ PICMG 2.1 R1.0 Hot Swap Complaint
- ▶ PICMG 2.16 R1.0 Switched Backplane Compliant
- ▶ PICMG 2.9 System Management Compliant

### CPU Support

- ▶ Intel Pentium M CPU 1.6GHz (example)
- ▶ 1MB L2 Cache on-die running at 400MHz FSB

### Main Memory

- ▶ 2 x DDR memory slots low profile
- ▶ 1GB standard on board (2GB max on example)
- ▶ ECC support



### BIOS

- ▶ Award System BIOS
- ▶ 4M bit flash ROM

### Chipset

- ▶ Intel 855GME
- ▶ 400MHz FSB support
- ▶ PCI V2.2 Compliant

### Onboard SVGA

- ▶ Intel Extreme onboard Graphics
- ▶ 64MB VRAM onboard
- ▶ Resolution up to 2048x1636 @ 75Hz

### Dual Onboard LAN

- ▶ Dual 10/100/1000 BaseT Gigabit Ethernet
- ▶ Intel 82540 x 2 Chipset
- ▶ 2 x RJ45 Connectors on Rear I/O

### Rear I/O

- ▶ 6 Pin Keyboard and Mouse mini Din
- ▶ 2 x 9 pin Serial Port
- ▶ 1 x Bi-directional Internal 26 pin Parallel Port
- ▶ 2 x RJ45 Gbit LAN
- ▶ 9 pin VGA
- ▶ 4 x USB port connector

### Standard CompactPCI Backplane

- ▶ 4 slots 6U CompactPCI® backplane, support full hot swap, rear I/O
- ▶ 3 x CompactPCI® slot with H.110 and 1 CPU system slot.  
Other options available.
- ▶ Compliant with CompactPCI® specification PICMG2.0 R2.1 and hot swap specification PICMG2.1 R1.0. and Computer Telephony specification PICMG2.5 R1.0.

### Hard Disk Drive Options

- ▶ 2.5" Disk Drive from 80GB capacity

### Power Supplies (AC and DC Options)

- ▶ 2 x 250 Watts Power Brick
- ▶ Front Access Removable
- ▶ Clip Retained Power Cords.
- ▶ 5V @ 40 Amps max per brick
- ▶ 3.3V @ 40 Amps max per brick
- ▶ 12V @ 5.5 Amps max per brick
- ▶ -12V @ 2 Amps max per brick

### Physical

- ▶ Dimensions W 485mm x D 300mm x 2U
- ▶ Operating Temp 0 C to 45 C
- ▶ Relative Humidity 10-90% N-C
- ▶ Weight (approx) 15KG
- ▶ Supply Voltage AC 90-264 VAC @47-63Hz
- ▶ Supply Voltage DC Option 36-75V DC

### Approvals

- ▶ CE Compliant
- ▶ EMC Class A and Safety Approvals
- ▶ FCC Emissions Compliant
- ▶ Designed for UL Compliance

