

P1100 1U cPCI System

- ▶ **1U Rack Mount Chassis**
- ▶ **2 Slot cPCI Backplane**
- ▶ **Wide Choice of Processors**
- ▶ **Rear I/O**
- ▶ **Dual Gigabit Ethernet LAN**
- ▶ **Removable AC or DC Power Supply**



1U Enclosure

- ▶ 1U 19" Rack Mount Platform
- ▶ Lightweight Aluminium Design
- ▶ Options for Colour and Logo Customisation.
- ▶ One Replaceable 250W cPCI Power Supply Module
- ▶ Power Cord with Retaining Clips (AC option)
- ▶ Integrated Hard Disk Drive Option
- ▶ Front Access Hot-Swap Cooling Fan Module

cPCI Backplane

- ▶ 2 slots 6U CompactPCI® Backplane
- ▶ 1 CPU System Slot as Standard
- ▶ 32 or 64 bit PCI Bus Options
- ▶ Options for other Backplanes including 2.16 and Dual CPU slots

Processor Board

- ▶ Choice of Processor Cards including Pentium M, Core 2 Duo and Xeon
- ▶ Example: Intel Pentium M 1.6 GHz with 1GB DDR RAM
- ▶ Dual Gigabit Ethernet LAN
- ▶ On Board 2.5" HDD Option

Rear I/O

- ▶ Intel 10/100/1000 Ethernet Controller
- ▶ Dual Gigabit RJ45 LAN Ports

Peripheral Support

- ▶ Optional Internal Disk Drive

Processor System Architecture

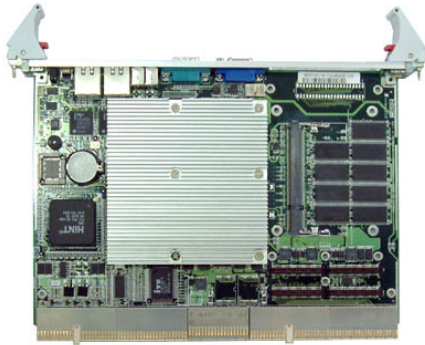
- ▶ 6U CompactPCI CPU board
- ▶ Intel® Pentium M, Core 2 Duo or Xeon Processor
- ▶ PICMG 2.0 R3 Compliant
- ▶ PICMG 2.1 R1.0 Hot Swap Complaint
- ▶ PICMG 2.16 R1.0 Switched Backplane Compliant
- ▶ PICMG 2.9 System Management Compliant

CPU Support

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

Main Memory

- ▶ 2 x DDR266/333 low profile (Pentium M example)
- ▶ 1GB standard on board (2GB max)
- ▶ 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 Ethernets
- ▶ 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 LAN
- ▶ 9 pin VGA
- ▶ 4 x USB port connector

Watchdog Timer

- ▶ System Reset
- ▶ Programmable 0 to 255 Seconds

CompactPCI Backplane

- ▶ 2 slots 6U CompactPCI® Backplane
- ▶ Full Hot Swap Support and Rear I/O
- ▶ 1 x CompactPCI® slot and 1CPU system slot. Other Options Available.
- ▶ 32 or 64 Bit PCI Bus Options
- ▶ 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)

- ▶ 1 x 250 Watts Power Brick
- ▶ Front Access Removable
- ▶ Clip Retained Power Cord .
- ▶ 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 1U
- ▶ 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

