



3U CompactPCI Express CPU Board

Product #OSS-3U-CPCIe-CPU-PM-2.0-XXX



Product Features

- Installs in CompactPCI Express (CPCIe) Type 1 System Slot
- Provides four CPCIe x1 lanes
- Features the Pentium M CPU up to 2GHz with Intel 915 chipset
- 4HP wide
- Passive and active cooling options available, as is the choice to install a standard 1.8" parallel ATA HD or conventional CompactFlash
- Provides full I/O including gigabit Ethernet, integrated COM port, triple USB 2.0 and PS-2 mouse/keyboard interfaces which connect directly to the board

Ordering Information

3U CompactPCI Express CPU Board
 Product #OSS-3U-CPCIe-CPU-PM-2.0-XXX
 sales@onestopsystems.com
 Call Toll Free! 1-877-438-2724

Specifications

Processor	Intel Dual Core 1.66GHz Low Voltage processor with 800 MHz FSB; 4 MB L2 cache, Intel 64 architecture; passive cooling.
Form Factor	• 3U (100x160 mm) x 4HP
Specification	PICMG 2.0 R3.0; CE
Ethernet (Gigabit)	• Intel 82566MM controller with Wake-On LAN and AMT 2.0 support which can be switched in BIOS to rear I/O
BIOS	• TrustedCore™ Embedded with: Enhanced recovery feature; USB 2.0 (Hi-speed legacy support; LAN (PXE), USB, Quiet, Multi and Quick Boot; ACPI 2.0
Linux Firmware	Integrated Linux firmware for diagnostics and advanced system recovery. Also for fast boot and Thin-OS applications
Intel GME965 Host Bridge	<ul style="list-style-type: none"> • 800 / 667 MHz Front-Side Bus (FSB) • 533 / 667 MHz, 64-bit DDR2 DRAM • Enhanced Intel SpeedStep™ tech. • 24-bit RAMDAC support • Up to 500 MHz GPU core • OpenGL 1.5 support • 18 bpp LVDS support • Full H / W support of DirectX9.0c • Up to 2048 x 1536 mode support • UXGA / WUXGA formats supported • Serial Digital Video Output (SDVO)
Memory	• DDR2 Ram, 1, 2, 3 or 4 GB soldered 533 MHz
Environmental Operating	<ul style="list-style-type: none"> • Temperature: +5°C to +55°C • Humidity: 5% to 90% non-condensing
Environmental Storage	<ul style="list-style-type: none"> • Temperature: -40°C to +75°C • Humidity: 0 to 95% non-condensing

