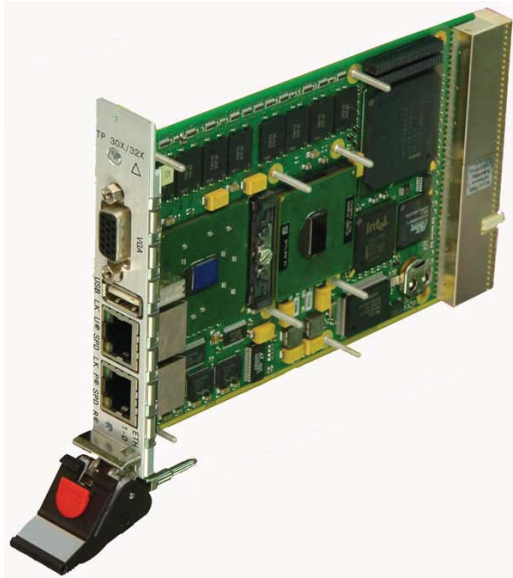


3U CompactPCI CPU Board

Product #OSS-CPCI-3U-CPU-PM-1.4-1G

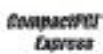


Product Features

- 3U CompactPCI CPU board with 1.4GHz Intel Pentium M processor
- Rear Transition Module (RTM): (required for full functionality of board)
- Low voltage 738
- 1G DRAM

Specifications

Processor	1.4 GHz Intel® Pentium® M processor Low Voltage 738 using a mFC-BGA 479 (micro Flip-Chip Ball Grid Array) package
Form Factor	• 3U (100x160 mm) x 4HP
Compact PCI Interfaces	Compliant with PICMG 2.0 R3.0; 3.3V or 5V signaling levels: <ul style="list-style-type: none"> • universal signaling support • 33/66 MHz; 32-bit interface accessed via J1 • Utilizing a PCI-PCI bridge for off-board accesses • Operates as a System Slot controller supporting up to 7 peripheral slots • Supports hot-swapping peripheral boards:- PICMG 2.1 R2.0 Hot Swap Specification
Mechanical Specification	Connectors: IEC-1076-4-101 for J1-J2 Shock: 20g, 11ms, ½ sine (operating); 30g, 11ms, ½ sine (non-operating) Vibration: 5Hz-2000Hz at 2g, 0.38mm peak displacement (operating); 5Hz-2000Hz at 5g, 0.76mm peak displacement (non-operating)
Electrical Specifications	<ul style="list-style-type: none"> • +5V@3.4A (typical at 1.8 GHz with 1 Gbyte DRAM) • +3.3V@3.3A (typical at 1.8 GHz with 1 Gbyte DRAM) • +12V and -12V not required all voltages are tolerant to +5% / -3%
Environmental Specifications	Operating temperatures: <ul style="list-style-type: none"> • 0°C to +55°C (N-Series: up to 1.8 GHz) • -25°C to +70°C (E-Series: 1.4 GHz) • -40°C to +85°C (K-Series: 1.4 GHz) • 10% to 90% Relative Humidity, non-condensing (operating): • K-Series includes humidity sealant • -40°C to +85°C (storage) • 10% to 90% Relative Humidity, non-condensing (storage)



www.onestopsystems.com

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