

CPC5505 PRODUCT SHEET

High-Performance, Low-Power Single Board Computer

FEATURES

Single-Slot 6U Single Board Computer

1.8 GHz Intel® Pentium® M Processor

Intel 6300ESB I/O Controller Hub

400 MHz Front Side Bus

2 MB L2 Cache

One PT7MC Site that Supports 64-bit PCI and Dual 10/100/1000 Ethernet

Optional Hard Drive

Up to 2 GB of DDR SDRAM with ECC at 3.2 GB/Peak

Part of PT's Advanced Managed Platforms™ Offering

32-bit/33 MHz CompactPCI® Bus Bandwidth

Dual 10/100/1000 Base-T Ethernet Links through Backplane J3 (PICMG® 2.16)



The CPC5505 PICMG® 2.16-Compliant Single Board Computer takes advantage of the latest advances in the embedded processor and support chipset roadmap that establishes the benchmark of Intel® Pentium® M-based SBCs for CompactPCI®-based designs.

The CPC5505 is part of PT's Advanced Managed Platforms™ embedded product family. It is a single-slot system master CPU board operating at 1.8 GHz, and is fully compliant with the PICMG 2.16 packet-switched backplane and 2.9 Intelligent Platform Management Interface (IPMI) standards. It also provides access to the 32-bit/33 MHz CompactPCI bus.

The CPC5505 has a mezzanine connector that provides future extensibility for in-network applications by integrating dual GbE routings and 64-bit PCI to the PMC site. PMC modules that support applications, such as security, storage, video streaming, and firewall, can be added to the site, thereby enhancing system functionality and performance.

Computing Core

- Intel Pentium M, 1.8 GHz
- 400 MHz front side bus
- Intel 855GME chipset with 6300ESB I/O controller hub
- Supports up to 2 GB DDR SDRAM with ECC at 333 MHz
- 16 MB onboard flash
- One 64-bit/66 MHz local PCI-X bus (PTMC)
- One 32-bit/33 MHz CompactPCI bus

Features

- Single PT7MC site
- Single 2.5-in. IDE HD
- Dual 10/100/1000 Ethernet ports
- Two COM ports
- Single VGA port
- Three USB ports (2.0)
- Supports either RTM 4807 or RTM 4808 for system expansion

Warranty

One year.



