

# PMC Module with SFP Option

**Part No: CTP-Fiber-PMC**

## PMC Module with SFP Option

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Copper and fiber 1000Base-X compliant Gigabit Ethernet SFPs are available for the PCI Mezzanine Card (PMC) module. Single-mode (LX) and multimode (SX) SFPs with fiber optics can be used.

The SFPs provide two Ethernet ports that are fully compliant with IEEE 802.3x. The following SFPs are available:

- CTP-SFP-1GE-LX
- CTP-SFP-1GE-SX
- CTP-SFP-1GE-T

The CTP-Fiber-PMC module is compatible with CTPOS release 4.5R1 and higher. It uses an advanced Intel 82546 high-performance, low-power Gigabit Ethernet MAC/PHY/Serdes controller chip. It provides an onboard intelligent PCI-X based DMA engine and supports wire-speed 64-bit bus-master DMA operations utilizing maximum PCI/PCI-X bandwidth. Other features include:

- RoHS compliant
- Integrated single chip Intel 82546 dual port MAC/PHY/Serdes
- High-performance wire speed, 484 MB/sec (3.8 Gb) sustained raw throughput over 133/100/66 PCI-X
- Advanced protocol stack CPU-offload features
- Ultra-low power transceiver consumes < 1 Watt per port
- Simultaneous, fully independent operation on both ports
- Up to 1,000,000 frames per second maximum transfer rate
- IEEE 1386 64-Bit Compact PCI PMC mezzanine card
- Two LEDs per port for link detection and activity

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Revision History  
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