



## MPMC-ETH-RJ45 Module

### Specifications

#### Ethernet Characteristics

- Ports: 2 or 4, 10/100BaseTX
- Port routing: front

#### PMC Expansion Site Connector

- 3.3V and 5V Signaling
- Types 1 and 2, 32 PCI Bus, 66 Mhz Max

#### Operating System Support

- Windows®
- Linux®
- VxWorks®
- LynxOS®

#### Power Requirements

- +3.3Volts

### Environmental

#### Standard Temperature Range

- Operating: 0 to +55 °C
- Storage: -40 to +85 °C

#### Temperature Range

- Operating: -25 to +75 °C
- Storage: -40 to +85 °C

#### Humidity for both Ranges

- Operating: 5% to 95% non-condensing
- Storage: 5% to 95% non-condensing

#### Mean Time Between Failure (MTBF)

- 218,000 Hours

### PHOTO COMING SOON

The MPMC-ETH-RJ45 Ethernet Module may be configured as a Drop-in Replacement to the following GE-IP® models: PMC677 PMC610 PMC615 PMC3293.

#### Features

- PCI 66 MHz capable
- Front I/O
- Quad or dual 10/100BaseTX ports
- Full duplex operation in both 10 and 100 Mbit modes
- TCP/UDP checksum off loading
- Fully supports IP Security (IpSec)
- Versions supporting wide operating temperature range available
- RoHS versions available – meet European Union (EU) Restriction of Hazardous Substance Directive (2002/95/EC) current revision

*As with all Merlin Embedded DIR products, the MPMC-ETH has the same, or better, functional performance than the product it is replacing. All Merlin Embedded products are backed by a 2-year warranty and 15 years of life-cycle support. The user will not have to take on any obsolescence issues when utilizing Merlin Embedded products.*

All trademarks are the property of their respective owner. Please note that Merlin Embedded is not associated with any of the companies for which our products are drop-in replacements.

**Merlin Embedded**  
10415 Willow Ridge Loop  
Orlando, FL 32825  
(866) 700 7704  
[www.merlinembedded.com](http://www.merlinembedded.com)

