

The EP8245M is a PrPMC compatible single board computer module that takes advantage of the Freescale PowerQUICC II MPC8245 PowerPC processor.

It is a highly versatile board that can operate as stand alone module or in PrPMC monarch and non-monarch modes on a carrier board such as a Compact PCI blade.

By integrating all of the features of the PowerQUICC II technology onto one single board, the computing engines reduce Time-To-Market and increase product reliability.

This module can be used standalone and includes a MiniPCI interface for Wireless LAN applications.

## Feature Summary:

Specification:	Description:
Form Factor:	PrPMC
PMC Connectors:	PCI 2.2 bus through PMC connectors
Front Panel:	One 10/100 BaseT Ethernet Two RS-232 serial monitor port
Processor:	Freescale PowerQUICC II MPC8245 PowerPC
Memory:	RAM: Up to 256MB SDRAM FLASH: Up to 64MB
Debug:	JTAG/COP via an onboard connector
Power Supply:	5 VDC single supply
Software:	Linux and VxWorks BSPs are available from Embedded Planet