

The EP 8248 computing engine takes advantage of the high performance networking capabilities of the Motorola PowerPC 8248 processor.

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 for complex high-speed networking applications.

Scaleable in size and flexible in configuration, they provide a production-ready platform for tomorrow's networks.

Note: This board uses 3.3V PCI Signaling. If you intend to use the product with a PCI carrier please ensure that supports the appropriate signalling voltage.

Feature Summary:

Specification:	Description:
Form Factor:	PCI Edge card with 3.3V PCI Signaling
Expansion Bus:	EP S Bus for direct access to processor signals
Front Panel:	2 x 10/100 Ethernet Ports Serial Ports: 2 x RS-232
Processor:	Freescle PowerPC PowerQUICC II MPC8248
Memory:	RAM up to 128MB SDRAM FLASH up to 64MB
Debug:	JTAG via an onboard connector
Power Supply:	5.25 to 3 VDC single supply in standalone mode
Software:	PlanetCore firmware is provided with each module and includes a Bootloader, Flash Burner, and Diagnostics