

The EP 852 single board computers take advantage of the high performance networking capabilities of the Motorola PowerPC MPC852 processor.

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

Scaleable in size, flexible in configuration, and expandable through the expansion bus they provide a production-ready platform for designing, developing, and deploying your network ready OEM design. Available in a Board Development Kit and in production quantities.

### Feature Summary:

Specification:	Description:
Processor:	Freescale PowerQUICC I MPC852 PowerPC
Memory:	RAM: Up to 64MB SDRAM FLASH: Up to 16MB NVRAM: Up to 512kB, with RTC
Ethernet:	1 x 10/100, 1 x 10
Serial Ports:	2 x RS-232
Expansion:	PCMCIA Single Type I, II, or III slot, RPX Bus for direct access to processor signals
I2C Devices:	EEPROM, Temperature Sensor
Debug:	On-board JTAG connection for simplicity in software debug
Power Supply:	5 to 3.3 VDC single supply
Form Factor:	3.775" x 3.55"