

The RPX Lite computing engine takes advantage of the networking capabilities of the Motorola PowerPC MPC823e or MPC850 processors.

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 and flexible in configuration, they provide a production-ready platform for tomorrow's networks. The board is PC/104 mechanical sized.

Available in a Board Development Kit.

Feature Summary:

| Specification: | Description: |
|----------------|---|
| Processor: | Freescale PowerQUICC I MPC823E or MPC850 PowerPC |
| Memory: | RAM: Up to 64MB SDRAM FLASH: Up to 16MB NVRAM: Up to 512kB with RTC |
| Ethernet: | 1 x 10BT |
| Serial Ports: | 1 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: | 5.25 to 3 VDC single supply |
| Form Factor: | 3.775" x 3.55" |