

The EP8xxCE/CP single board computers take advantage of the Freescale MPC8xx PowerQUICC PowerPC processors.

By integrating all of the features of the PowerPC into a production ready embedded development system, the EP8xxCE/CP reduces Time-To-Market and increases product reliability for Communications, Military/Aerospace, Medical, and Industrial applications.

The EP8xxCE/ CP single board computers include the RPX bus that provides direct access to MPC8xx processor signals for additional I/O expansion.

Feature Summary:

| Specification: | Description: |
|----------------|---|
| Processor: | Freescale PowerQUICC I MPC823, MPC850, MPC855, and MPC860 |
| Memory: | RAM: Up to 128MB FLASH: Up to 16MB |
| Ethernet: | 1 x 10 |
| Serial Ports: | 1 x RS-232 |
| Expansion: | PCMCIA Type I, II, III socket, 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: | Credit Card (54mm x 95.6mm) |