

WinSystems

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PC/104 Communications and Networking Cards

WinSystems offers a wide variety of PC/104 and PC/104-Plus modules for wired and wireless communications as well as support onboard our Single Board Computers (SBCs). Our industrial temperature modules support Machine-to-Machine (M2M) and are small, rugged, and reliable.

PCM-ZigBee – This module is an IEEE 802.15.4 ZigBee wireless transceiver plus an optional GPS receiver. It addresses the unique needs of low-power remote monitoring and sensor network applications.

PCM-56K – Our PC/104 modem module is designed to directly connect to dial-up telephone lines with data rates up to 56,000 bps plus support of MNP error correction and data compression.

PCM-GPS – This is a dual function PC/104-compatible module. It supports both a GPS receiver and a socket cellular GSM/GPRS or CDMA modem.

PCM-COM8 – This is an 8-channel PC/104 serial asynchronous COM module. Each independent channel supports RS-232, RS-485, and RS-422 levels.

PPM-Wireless – This is a PC/104-Plus module that supports 802.11b/g wireless communications for high-speed, industrial data networks based on Mini PCI wireless modules.

PPM-USB2 – This is a high-speed, 4-port PC/104-Plus USB 2.0 module.

PPM-GigE – This PC/104-Plus Gigabit Ethernet module allows connection to 10, 100, and 1000 Mbps networks using standard CAT5 twisted pair copper cables.

WinSystems provides free technical phone support to assist customers with system integration of our SBCs and I/O modules. We also offer cables, enclosures, memory, and accessories to ease setup and integration.



FEATURES

- > Compact, rugged, and reliable designs
- > Modules reduce time-to-market and development costs
- > PC/104 and PC/104-Plus size; 90mm x 96mm
- > Industrial temperature range operation
- > Flexible, high-speed networking capability
- > Gigabit Ethernet with auto switching to 100 or 10 Mbps
- > Each USB 2.0 port with overcurrent and in-rush protection
- > RS-232, RS-485, and RS-422 electrical interface levels
- > Support Windows® XP embedded, Linux, and other PC-compatible RTOSs
- > Long-term product availability
- > Expert technical support
- > 30-day product evaluation program