



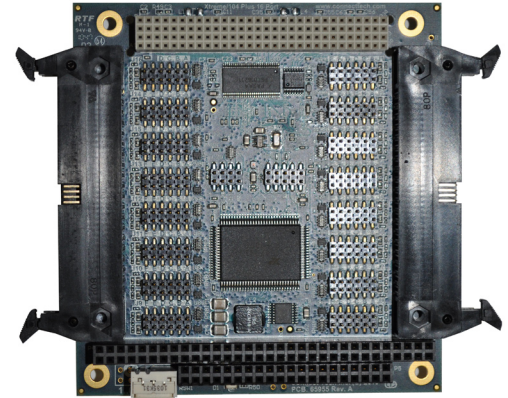
Xtreme/104-Plus 16 Port

Connect Tech's Xtreme/104-Plus 16 Port offers 16 ports of switchable RS-232/422/485 on a single PC/104-Plus card. This provides the highest port density and most flexible PC/104-Plus serial port solution available.

Dependability, high speed data transfer rates, and high density makes the Xtreme/104-Plus 16 Port a must where space is at a premium.

The Xtreme/104-Plus 16 Port is ideally suited for embedded systems where high serial port count and a small footprint is required. Example markets are remote submersibles, remote aerial or land vehicles, remote monitoring stations, or anywhere that high serial port density is required.

Product Name: Xtreme/104-Plus 16 Port
Part Number: XPG024



Specifications

| | |
|-------------------------------|-------------------------------------------------------------------------------------------------------|
| Number of Ports | 16 |
| Serial Line Interfaces | RS-232/422/485 |
| Baud Rate | RS-232: 1.0Mbps RS-485: 4.16Mbps Jumper selectable, half duplex and multi-drop modes |
| Bus | PC/104 Plus Version 2.3 compliant, 32 bit 33 MHz |
| UART | High performance Exar Octal UARTs with 64 byte transmit and receive FIFO buffers |
| Dimensions | PC/104 Plus Compliant |
| Temperature | Industrial Temperature: -40°C to 85°C (-40°F to 185°F) |
| Power Requirements | Universal PC/104 Plus 5V bus power required. On-board regulator makes 3.3V +5V 400mA max |
| Accessories | 8 port cable available, Part Number: CBG082 - two required per unit |
| Software Support | Windows XP/Vista/Server/7, QNX4, QNX6, Linux |
| Warranty and Support | Lifetime warranty and free technical support |

Specifications subject to change without notice.
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RoHS

FEATURES

- ✓ 16 Port Switchable RS-232/422/485
- ✓ PC/104-Plus form factor
- ✓ Very high port density
- ✓ Fractional baud rate generator creates any baud rate with less than 1% error
- ✓ Locking serial port connectors
- ✓ Jumper selectable RS-485 Bias and Termination resistors
- ✓ Auto Receiver Echo cancellation in 2-wire half-duplex RS-485 modes
- ✓ Low power

Connect Tech Inc.
42 Arrow Road, Guelph ON Canada
Tel: 519.836.1291 **Fax:** 519.836.4878
Toll: 800.426.8979 (North America)
Email: sales@connecttech.com
www.connecttech.com