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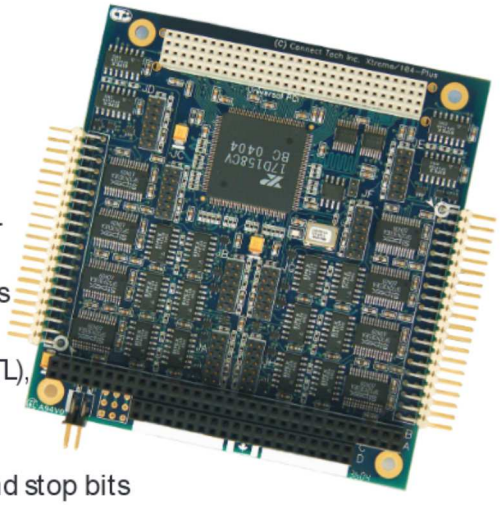
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Find the *Connect Tech Xtreme/104-Plus RS232/RS485* at our website: *Click HERE*

PC/104-Plus

Serial Communications

Xtreme/104-Plus



Features

- Four or eight serial ports of jumper selectable RS-232/422/485
- Eight port models available with jumper selectable RS-232/422/485/TTL
- Two or four port models available with dedicated RS-423 interface
- Supports full duplex, half duplex and multi-drop communication modes in RS-422/485 (TTL models support full duplex only.)
- Maximum data speeds of 115.2 Kbps (RS-423), 921.6 Kbps (RS-232 and TTL), 1.843 Mbps (RS-422/485)
- Operating temperature range of -40° to 85° Celsius
- Each port can be configured independently for baud rate, parity, data and stop bits
- TTL models allow individual ports to be disabled when not in use

Specifications

Number of ports	2, 4 or 8
Electrical Interface	2 port models: 2 ports RS-423 4 port models: 4 ports RS-423, or 4 ports switchable RS-232/422/485 8 port models: 8 ports switchable RS-232/422/485 or RS-232/422/485/TTL
Connectors	DB-9 male fan out cable (custom cable solutions also available)
Control Signals	RS-232/TTL: TxD, RxD, RTS, CTS, RI, DTR, DSR, DCD and Signal Ground (SG), +5V* *+5V applies to TTL models only RS-422/485: TxD+/-, RxD+/-, RTS+/-, CTS+/- and Signal Return (SR) RS-422/485 (TTL models): TxD+/-, RxD+/- and Signal Return (SR) RS-423: TxD-, TxDRef, RxD+/-, RTS-, RTSRef, CTS+/-
Baud Rates	RS-232 and TTL: 50 bps to 921.6 Kbps RS-422/485: 50 bps to 1.8432 Mbps RS-423: 50 bps to 115.2 Kbps (custom baud rates also available)
Interrupts	Assigned by Plug and Play resources
Memory Addresses	Assigned by Plug and Play resources
UART Type	Quad or octal Exar PCI UARTs provide 64 byte transmit and receive FIFO buffers for each port
Dimensions	Fully PC/104-Plus compliant
Power Requirements	+5V DC 500mA (max.) VI/O of +5V or 3.3V DC
Environmental	Temperature: -40˚C to 85˚C (operating), -40˚C to 125˚C (storage), Humidity: 95% non-condensing
Bus	3.3V or 5V PC/104-Plus or PCI-104
Software Compatibility	QNX4, QNX6, Linux, Windows 2000/XP, Windows CE and Windows XP Embedded. (Contact Connect Tech for the most recent list)

Connect Tech's Xtreme/104-Plus family combines the best of the Universal PCI bus with the rugged and compact form factor of PC/104.

PCI 2.3 and PC/104-Plus 2.0 compliant, the modular Xtreme/104-Plus cards include PC/104 pass-through connectors for compatibility with legacy PC/104 cards.

The Xtreme/104-Plus offers independent port configuration for baud rate, and data bit options of 5, 6, 7 and 8 as well as 1, 1.5 and 2 stop bits. Select between odd and even parity.

The Xtreme/104-Plus is perfect for embedded applications such as industrial PCs, kiosks, military systems, aerospace, medical systems, POS devices and any system requiring fast data transfer speeds and a rugged, compact form factor. These self-stacking cards are low on power consumption and function in industrial temperature conditions.

All Connect Tech products are covered by a lifetime warranty and no-charge technical support.

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We buy equipment

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