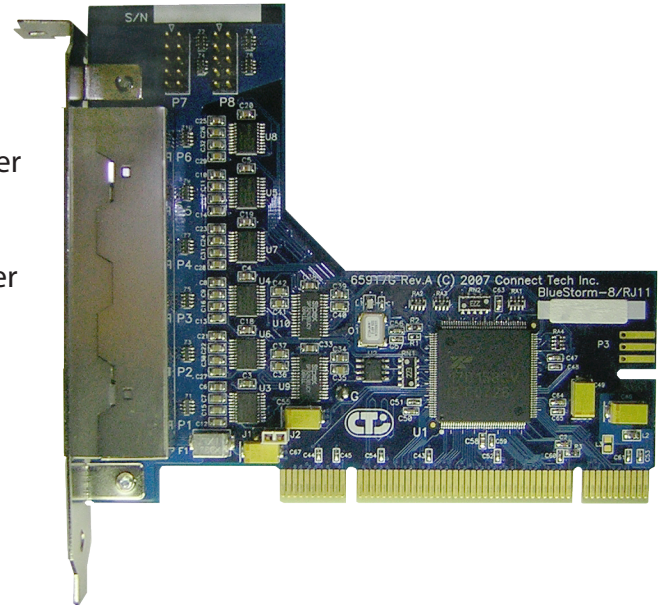# BlueStorm/SP RJ-11

Serial Communications

BlueStorm/SP RJ-11

Features

- 32-bit Universal PCI
- Six RJ-11 connectors provide +12 VDC or +5 VDC output - jumper selectable
- Eight RS-232 ports (six RJ-11, two on-board headers)
- Supports full duplex with RTS/CTS flow control (on-board header only)
- Bi-directional data speeds up to 921.6 Kbps
- Multi-strike surge suppression on every signal of every port
- Operating temperature range of 0˚C to 70˚C
- Built for installation in a standard height chassis
- RoHS compliant

Specifications

Number of Ports	8 ports
Electrical Interface	RS-232
Connectors	Six RJ-11 connectors accessible through the factory installed bracket, two on-board 10 pin headers
Control Signals	RJ-11: TxD, RxD, RTS, DSR, SG (Signal Ground), DC Power 10 pin header: TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, SG (Signal Ground)
Baud Rate	RS-232: 50 bps to 921.6 Kbps
Interrupts	Assigned by Plug and Play resources
Memory Addresses	Assigned by Plug and Play resources
UART Type	Eight UART channels with 64 byte transmit and receive FIFO FIFO buffers for each port - programmable trigger levels
Dimensions	Length: 12.129 cm/4.775" Height: 10.668 cm/4.2"
Environmental	Operating Temperature: 0º C to 70º C (32º F to 158º F) Storage Temperature: -55º C to 105º C (-67º F to 221º F) Humidity: 5 to 95% non-condensing
Bus	32-bit Universal PCI
Software Compatibility	Windows 2000/CE/XP/XP x64/XPe/Server 2003/Server 2003 x64/Vista, QNX 4.X/6.X and Linux
Surge Supression	Transient voltage suppression on every signal of every port - energy dissapation 0.05 joules, peak current 15A
System Requirements	+5V (required to power board and RJ-11) +12V (required to support RJ-11 DC power)
Regulatory Approvals	FCC Class A ICES -003 Class A

BlueStorm/SP RJ-11 offers hardware flexibility and adaptability for your mission critical applications. The BlueStorm/SP RJ-11 is an extension of the BlueStorm product family and available as a standard profile card only.

BlueStorm/SP RJ-11 offers eight ports of RS-232 serial connectivity. Each port can be configured independantly for baud rate, parity, data and stop bits. Eliminate the need for external power supplies with +5 VDC or +12 VDC of power provided on six RJ-11 ports for applications where peripherals may require it (up to 300mA total). Two DB-9 connectors are also accessible via an optional cable assembly.

BlueStorm/SP RJ-11 is compatible with 3.3V and 5V PCI slots. Bi-directional data speeds up to 921.6 Kbps ensure fast data aquisition and communications.

All BlueStorm/SP RJ-11 products are FCC certified and CE marked.   Lifetime warranty and free technical support is also included.

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