



BlueStorm/Express 8/16 Port RS-232

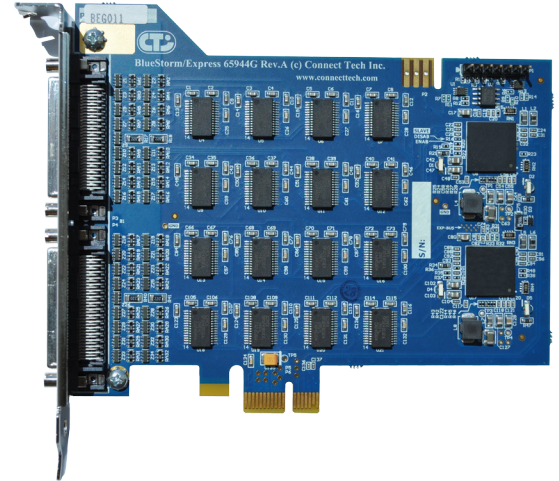
The BlueStorm/Express family offers reliable, high speed data transfer for your PCI Express system.

These x1 lane, standard profile PCI Express serial cards offer 8 or 16 ports of RS-232 connectivity, compatible with any PCI Express slot.

Bidirectional data speeds up to 1 Mbps ensures fast and reliable communications for your industrial and embedded applications in a cost-effective manner.

The Connect Tech BlueStorm/Express cards are compatible with x1, x4, x8 and x16 lane PCI Express slots. Upgrading a PCI system to the more efficient PCI Express requires a hardware change only - your new PCI Express system is backwards compatible with your PCI software.

Product Name: BlueStorm/Express 8/16 Port RS-232
Part Number: BEG011



FEATURES

- ✓ PCI Express x1 lane serial card
- ✓ 8/16 ports RS-232
- ✓ Bi-directional data speeds up to 1 Mbps
- ✓ Operating temperature range of -40°C to 85°C

Specifications

Number of Ports	8 or 16 ports
Electrical Interfaces	RS-232
Connectors	DB-9 cables
Control Signals	TxD, RxD, RTS, CTS, RI, DTR, DSR, DCD
Baud Rate	50 bps to 1 Mbps (custom baud rates also available)
Interrupts	Assigned by Plug and Play resources
Memory Addresses	Assigned by Plug and Play resources
UART Type	PCIe octal UART with up to 256 bytes transmit and receive FIFO buffers for each port
Dimensions	Length: 14 cm/5.5" including bracket Height: 10.7 cm/4.2"
Temperature	Operating Temperature: -40° C to 85° C (-40° F to 185° F) Storage Temperature: -40° C to 105° C (-40° F to 221° F) Humidity: 5 to 95% non-condensing
Bus	PCI Express
Software Compatibility	Windows 2000/XP/XP x64/XPe/Server 2003/Server 2003 x64/Vista, QNX 4.X/6.X, Linux
Surge Suppression	EN61000-4 compatible on all signals, all ports
System Requirements	One PCI Express x1 card edge
Power Requirements	+3.3V DC @ 300 mA maximum
Regulatory Approvals	FCC Class A, ICES-003 Class A
Warranty and Support	Lifetime warranty and free technical support

Specifications subject to change without notice.

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RoHS

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