

Low Profile PCI Express 8-Port RS-232 Serial Interface

Part: 7803ec | Model: COMM+8.PCIE

The 7803ec low-profile PCI Express serial interface provides eight RS-232 serial ports. All modem control signals are implemented for maximum compatibility with a wide range of serial peripherals. Each serial port features an ultra high-speed UART, flexible clock prescaler, and large 256-byte Tx/Rx FIFOs allowing the adapter to support the widest range of standard and non-standard baud rates to 230.4 Kbps. These features make the 7803ec ideal for data-intensive applications that require reliable, fast throughput rates.

The Sealevel SeaCOM software driver and utilities make installation and operation easy using Microsoft Windows operating systems.

The 7803ec is compatible with any low profile PCI Express slot. A standard profile bracket is also included. The board includes your choice of 36-inch spider-cable that terminates to eight DB25M (CA202) or DB9M (CA201) connectors.



Features & Specifications

Low Profile PCI Express 8-Port RS-232 Serial Interface

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Features

- · Compliant with RoHS and WEEE directives
- Ultra high-speed UART with 256-byte Tx and Rx FIFOs
- · Supports RS-232 data rates to 230.4 Kbps
- Bus-derived 125 MHz BRG and clock prescaler support wide range of baud rates
- All RS-232 modem control signals implemented
- · PCI Express X1 compliant
- Compatible with low profile PCI Express slots (standard profile slots with optional bracket)
- Choice of included 36" cable that terminates to eight DB25M (Item# CA202) or DB9M (Item# CA231) connectors

Specifications

Communications Chip Ultra high-speed UART Electrical Interface RS-232 # of Ports 8 Board Connector MDB68F Cable Connector(s) DB25M (8), DB9M (8) Serial Connector(s) DB25M, DB9M Oscillator 125 MHz BRG RoHS Compliant Yes PC Bracket Low Profile, Standard Height Max Data Distance 50 feet Max Data Rate 230.4K bps Dimensions 3.54" (L) x 2.71" (H) w/ Gold Fingers Operating Temperature 0°C to 70°C (32°F to 158°F) Storage Temperature -50°C to 105°C (-58°F to 221°F) Humidty Range 100		
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Board Connector MDB68F Cable Connector(s) DB25M (8), DB9M (8) Serial Connector(s) DB25M, DB9M Oscillator 125 MHz BRG RoHS Compliant Yes PC Bracket Low Profile, Standard Height Max Data Distance 50 feet Max Data Rate 230.4K bps Dimensions 3.54" (L) x 2.71" (H) w/ Gold Fingers Operating Temperature Storage Temperature -50°C to 105°C (-58°F to 221°F) Humidty Range	Electrical Interface	RS-232
Cable Connector(s) DB25M (8), DB9M (8) Serial Connector(s) DB25M, DB9M 125 MHz BRG RoHS Compliant Yes PC Bracket Low Profile, Standard Height Max Data Distance 50 feet Max Data Rate 230.4K bps Dimensions 3.54" (L) x 2.71" (H) w/ Gold Fingers Operating Temperature Storage Temperature -50°C to 105°C (-58°F to 221°F) 10 - 90% Relative Humidity, Non -	# of Ports	8
Serial Connector(s) DB25M, DB9M 125 MHz BRG RoHS Compliant Yes Low Profile, Standard Height Max Data Distance 50 feet Max Data Rate 230.4K bps Dimensions 3.54" (L) x 2.71" (H) w/ Gold Fingers Operating Temperature Storage Temperature 10 - 90% Relative Humidity, Non -	Board Connector	MDB68F
Oscillator 125 MHz BRG RoHS Compliant Yes PC Bracket Low Profile, Standard Height Max Data Distance 50 feet Max Data Rate 230.4K bps Dimensions 3.54" (L) x 2.71" (H) w/ Gold Fingers Operating Temperature 0°C to 70°C (32°F to 158°F) Storage Temperature -50°C to 105°C (-58°F to 221°F) Humidty Range 10 - 90% Relative Humidity, Non -	Cable Connector(s)	DB25M (8), DB9M (8)
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Operating Temperature Storage Temperature -50°C to 70°C (32°F to 158°F) -50°C to 105°C (-58°F to 221°F) 10 - 90% Relative Humidity, Non -	Max Data Rate	230.4K bps
Temperature Storage Temperature -50°C to 70°C (32°F to 158°F) -50°C to 105°C (-58°F to 221°F) 10 - 90% Relative Humidity, Non -	Dimensions	3.54" (L) x 2.71" (H) w/ Gold Fingers
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