

4 Port Native ExpressCard RS232 Serial Adapter Card with 16C950 UART

StarTech ID: EC4S952



The EC4S952 4-Port ExpressCard-based Serial Card lets you add four RS232 serial ports to your laptop or ExpressCard equipped desktop computer, using an available ExpressCard slot.

The ExpressCard Serial adapter is designed based on a single-chip architecture (as opposed to cards that use a "bridge chip"), providing native PCI Express communication for greater performance and reliability, as well as reduced power consumption and CPU load reduction of up to 48%.

Compatible with ExpressCard 34mm and ExpressCard 54mm card slots, the 4 Port Serial ExpressCard includes a slot spacer for greater stability while installed in 54mm slots.

Backed by a StarTech.com 1 year warranty and free lifetime technical support.

Applications and Solutions

- Industrial control, automation, and monitoring of serial machines and PCs
- Embedded system monitoring and diagnostics
- POS retail applications to control keyboards, cash drawers, receipt printers, card readers / card swipes, scales, and elevated displays on poles

- Connect to routers, PDU's and other serial based devices in your server room or data center
- Self service automated machines and kiosks to control serial devices such as scales, touchscreens, magnetic card readers, bar code scanners, receipt printers, label printers
- Used to control multiple surveillance / security cameras in a parking structure, office building or similar location

Features

- Compatible with ExpressCard 34mm and 54mm form factors (with included adapter)
- 128-byte deep transmit/receive FIFOs
- Automated in & out-of-band flow control
- Fully compliant with Express Card 1.1 Specifications
- Single chip design optimizes speed, reliability and power
- Supports ASPM (L0S, L1) Link power management
- ExpressCard Advanced Error Reporting, ECRC Support
- 4 16C950 High performance UART channels
- Supports up to 921.6Kbps baud rate on each port
- 9-bit Data Framing, 5,6,7 and 8 bits also supported

Technical Specifications

- Warranty: 1 Year warranty
- Bus Type: ExpressCard
- Connector Types: 4 - DB9 Male
- Product Height: 0.79 in [20 mm]
- Product Length: 4.61 in [117 mm]
- Number of Ports: 4
- Product Weight: 10.59 oz [300 g]
- Product Width: 1.34 in [34 mm]
- Card Type: 34mm ExpressCard
- Max Baud Rate: 921.6 Kbps
- Data Bits: 5, 6, 7, 8, and 9
- Stop Bits: 1, 1.5, and 2
- FIFO: 128 byte FIFO per TX and RX
- Parity: None, Odd, Even, Space, and Mark
- Flow Control: Xon/Xoff, Hardware, and None
- Humidity: 5~95% RH
- Operating Temperature: 0°C to 55°C (32°F to 131°F)
- Storage Temperature: -20°C to 85°C (-4°F to 185°F)
- Chipset ID: Oxford - OXPcie954
- Microsoft WHQL Certified: Yes
- OS Compatibility: Windows 2000/ XP(32/64bit)/ Vista(32/64bit)/ 7(32/64bit)/ Server 2008 R2, and Linux Windows XP Embedded, and CE 4.2/ 5.0/ 6.0
- Shipping (Package) Weight: 12.35 oz [350 g]
- Carton Quantity: 50

