

1 Port Native ExpressCard RS232 Serial Adapter Card with 16952 UART

StarTech ID: EC1S952



This 1 Port Serial ExpressCard Adapter lets you add an RS232 serial port to your laptop or ExpressCard-equipped desktop computer.

The serial ExpressCard 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, and reduced power consumption and CPU load.

An included 34mm to 54mm ExpressCard stabilizer adapter bracket allows the EC2S952 to fit in both 34mm and 54mm ExpressCard slots. This serial adapter features 128-byte FIFO communication and a high performance 16C950 UART.

Providing optimal communication with RS232 serial devices, the serial ExpressCard supports data transfer rates of up to 460Kbps, saving time and hassle.

Applications and Solutions

- Any other serial or legacy devices
- Embedded system coding, building, and diagnostics

- POS retail applications in grocery stores, and any other retail store to control keyboards, cash drawers, receipt printers, card readers / card swipes, scales, and elevated displays on poles
- Self service automated machines and kiosks to control serial devices such as scales, touchscreens, magnetic card readers, bar code scanners, receipt printers, label printers
- Standard ATM automated teller machines to control keypads, receipt printer, card readers / card swipes, touchscreen LCD's, camera control, etc
- Used to control multiple surveillance / security cameras in a parking structure, office building, etc

Features

- 128-byte deep transmit/receive FIFOs
- Advanced FIFO fill management
- Automated in & out-of-band flow control
- ExpressCard 34mm and 54mm (with included adapter) Form Factor
- Fully compliant with Express Card 1.0 Specifications
- OS Support: Windows: 2000/XP/2003/Vista 32bit and 64bit, and Linux
- Single chip design optimizes speed, reliability and power
- Standard RS232 DB9 pin out
- Supports ASPM (L0S, L1) Link power management
- Supports high performance 16C950 UART with baud rates up to 460Kbps and backwards compatible with 16C550

UART

Technical Specifications

- Warranty: Lifetime warranty
- Bus Type: ExpressCard
- Chipset ID: Oxford - OXPCIe952
- Connector Types: 1 - DB9 Male
- Product Height: 0.79 in [20 mm]
- Product Length: 4.53 in [115 mm]
- Number of Ports: 1
- Operating Temperature: -40° to 85° (-40° to 185°)
- Carton Quantity: 50
- Shipping (Package) Weight: 0.49 lb [0.22 kg]
- Product Weight: 1.2 oz [34 g]
- Product Width: 1.77 in [45 mm]
- FIFO: 128 Bytes
- Ports: 1x DB-9 Male
- General Specifications: Compatible Windows 2000, XP (32-bit, 64-bit), Vista (32-bit, 64-bit)

