

2 Port RS232 PCI Express Serial Card w/ Breakout Cable

Product ID: PEX2S553B



The PEX2S553B 2-Port PCI Express Serial Card w/ Breakout Cable lets you add two RS232 serial ports using a single PCIe expansion slot. With the included break-out cable, you can easily add two ports to a single low profile slot.

The PCIe serial card features a native single-chip design that provides optimum reliability and speed, reducing the CPU load by up to 48% over conventional bridge-chip serial cards - a cost-effective solution for connecting legacy serial devices to PCIe enabled computers.

The multiport PCIe Serial Adapter includes both full and low-profile/half-height brackets for compatibility with standard and small form factor computers, and is compatible with a broad range of operating systems, including Windows 7/Server 2008 R2, 2003/Vista/XP (32 and 64 bit), Linux Kernel 2.6.11 and up, as well as MAC OS 10.5 and above.

This product is a replacement for our PEX2S552B card.

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

Certifications, Reports and Compatibility

Applications

- Point-of-Sale (POS credit/debit card readers, receipt printers, bar code scanners, cash registers, scales)
- Manufacturing (CNC machinery, process control equipment, bar code scanners, serial printers)
- Connect specialized parallel and serial devices like printers, scanners, ISDN terminal adapters, CD-R/RWs, Zip drives and memory card readers
- Environmental Control (lighting, temperature, clocks)

- Entertainment (video lottery terminals, slot machines, gaming systems)
- Healthcare (patient monitoring equipment, nurses' stations, modems)
- Security (UPS control, access key panels, video cameras, card readers, modems)
- Hospitality/Restaurant (serial printers, bar code scanners, keyboard, mouse, receipt printer, credit/debit card reader)
- Consumer (modems, PDAs, digital cameras, printers)
- ISDN Networking

Features

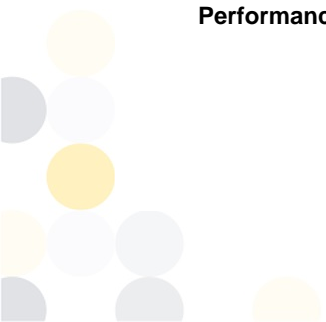
- Full profile and low profile/half-height brackets included
- Native single-chip design
- Single-Lane (x1) PCI-Express with throughput up to 2.5Gbps
- On-chip 256-byte depth FIFO in transmit/receive path of each port
- Supports hardware and software flow control
- Automated out-of-band flow control using CTS/RTS and DSR/DTR
- Supports data transfer rates up to 250Kbps on each port
- Compliant with PCI Express base specifications revision 1.0a

Hardware

| | |
|------------|-------------------------------------|
| Warranty | Lifetime |
| Ports | 2 |
| Interface | Serial |
| Bus Type | PCI Express |
| Card Type | Standard Profile (LP bracket incl.) |
| Port Style | Dongle (Included) |
| Chipset ID | ASIX - MCS9922CV-AA |

Performance

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|-----------------|--------|
| Serial Protocol | RS-232 |
|-----------------|--------|



| | |
|---------------|----------------------------------|
| Max Baud Rate | 230.4 Kbps |
| Data Bits | 5, 6, 7, 8 |
| FIFO | 256 Bytes |
| Flow Control | Hardware and Software |
| Parity | Even, Odd, None, Space, and Mark |
| Stop Bits | 1, 2 |

Connector(s)

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|-------------------|---------------------|
| Connector Type(s) | PCI Express x1 |
| External Ports | DB-9 (9 pin, D-Sub) |

Software

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|--------------------------|--|
| OS Compatibility | Windows DOS, 95, 98SE, 2000, CE 5.0/6.0, Embedded System 2009, POS Ready 2009, XP Embedded, XP, Vista, 7, 8, 8.1, 10 Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016 Mac OS X 10.4 to 10.10 Linux kernel 2.6.x to 4.11.x <i>LTS Versions only</i> |
| Microsoft WHQL Certified | Yes |

Environmental

| | |
|-----------------------|----------------------------|
| Operating Temperature | 0C to 70C (32F to 158F) |
| Storage Temperature | -40C to 85C (-40F to 185F) |
| Humidity | 5~85% RH |

Physical Characteristics

| | |
|-------------------|------------------|
| Product Length | 3.2 in [81 mm] |
| Product Width | 0.6 in [14 mm] |
| Product Height | 2.7 in [68.5 mm] |
| Weight of Product | 1.6 oz [46 g] |

Packaging Information

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|----------------|------------------|
| Package Length | 6.9 in [17.5 cm] |
|----------------|------------------|



| | |
|---------------------------|------------------|
| Package Width | 5.6 in [14.2 cm] |
| Package Height | 1.5 in [39 mm] |
| Shipping (Package) Weight | 9.3 oz [264 g] |

What's in the Box

| | |
|---------------------|---------------------------------------|
| Included in Package | 2 Port PCI-Express RS-232 Serial Card |
| | Breakout cable |
| | Low profile bracket |
| | Driver CD |
| | Instruction Manual |

****Product appearance and specifications are subject to change without notice.***

