

4 Port RS232 PCI Express Serial Card w/ Breakout Cable

Product ID: PEX4S553B



The PEX4S553B 4-Port PCI Express Serial Card (with breakout cable) lets you add 4 RS232 serial ports using a single PCIe expansion slot, with an included 1-to-4 cable enabling you to add 4 serial ports to a single low profile slot.

The 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 multi-port serial adapter includes both full profile 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, Linux, and MAC OS.

This product is a replacement for our PEX4S552B 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

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

Hardware

| | |
|-----------|-------------|
| Warranty | Lifetime |
| Ports | 4 |
| Interface | Serial |
| Bus Type | PCI Express |

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|------------|--------------------------------|
| Card Type | Low Profile (SP bracket incl.) |
| Port Style | Dongle (Included) |
| Chipset ID | ASIX Moschip MCS9904CV-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 |
| Parity | Even, Odd, None, Space and Mark |
| MTBF | 324,892 hours |

Connector(s)

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|-------------------|-------------------------|
| Connector Type(s) | 1 - PCI Express x1 |
| External Ports | 4 - 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, 11 Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022 Mac OS 10.4 to 10.10 Linux 3.5.x and up - <i>LTS Versions only</i> |
| Microsoft WHQL Certified | Yes |

Power

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|----------------|--------|
| Input Voltage | 12V DC |
| Output Voltage | 12V DC |

Environmental

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|-----------------------|----------------------------|
| Operating Temperature | 0C to 70C (32F to 158F) |
| Storage Temperature | -40C to 85C (-40F to 185F) |

| | |
|----------|----------|
| Humidity | 5~85% RH |
|----------|----------|

Physical Characteristics

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|-------------------|------------------|
| Color | Black |
| Material | Steel |
| Product Length | 3.2 in [80.5 mm] |
| Product Width | 0.5 in [1.2 cm] |
| Product Height | 2.7 in [6.8 cm] |
| Weight of Product | 8.4 oz [239 g] |

Packaging Information

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|---------------------------|-------------------|
| Package Quantity | 1 |
| Package Length | 8.2 in [20.8 cm] |
| Package Width | 5.7 in [14.6 cm] |
| Package Height | 1.4 in [3.6 cm] |
| Shipping (Package) Weight | 12.4 oz [352.0 g] |

What's in the Box

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|---------------------|------------------------------------|
| Included in Package | 1 - 4 Port PCI-Express Serial Card |
| | 1 - Breakout cable |
| | 1 - Full profile bracket |
| | 1 - Driver CD |
| | 1 - Instruction Manual |

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