

FORCOM

Forcom Technology Co., Ltd.

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Embedded Mini PCI-Express 1 x RS232 + 1 x parallel

Model No.: EMPE1S1P

This Mini PCI Express 1S1P serial/parallel card turns a mini PCIe slot into one RS232 (DB9) serial port and one Parallel port.

The adapter card features a native PCI Express single chip design that allows you to take advantage of full PCI Express capability, providing improved speed and reliability while reducing the load applied to the CPU by as much as 48% over conventional serial cards which use a bridge chip design.

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Compatible with a broad range of operating systems including Windows 2000/XP/2003/Vista, Linux Kernel 2.6.11 and up, and MAC OS 10.4, the mini-PCI Express Serial/Parallel Card can be installed in virtually any computer case, regardless of the case form factor.

The mini PCIe Parallel/Serial combo card offers a cost-saving solution for adding legacy serial and parallel support for embedded systems that aren't normally compatible.

Designed and constructed to provide long-lasting durability and reliability, the mini-PCI Express Parallel/Serial card is backed by our Lifetime Warranty and free lifetime technical support.

- Compliant with PCI Express 1.1 standards and compatible with most embedded and micro systems.
- Single UART plus IEEE 1284 parallel this mini PCIe card provide legacy serial and parallel support for new embedded systems
- High Performance Single Channel Oxford 950 UART with data transfer rate up to 460.8kbps



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Features:

- 128-byte deep FIFO per transmitter and receiver
- Automated in-band software flow control using programmable Xon/Xoff in both directions
- Automated out-of-band hardware flow control using Tx/Rx/RTS/CTS/DSR/DTR/DCD/RI/GND
- Compliant with PCI Express base specifications revision 1.1a
- High Performance Dual Channel Oxford 16950 UART
- Native single-Chip, single lane PCI Express
- One high speed RS-232 serial port with data transfer rate up to 460.8 Kbps
- Asynchronous baud rates up to 15Mbps
- IEEE 1284-compliant SPP/EPP/ECP

Applications

- Embedded and Slimline POS system requiring serial and parallel communications
- Industrial applications with embedded system
- Micro system requiring serial and parallel port