



Embedded Mini PCI-Express Power RS232 2 port

Model No.: EMPE2S-PW

The EMPE2S-PW 2-port Mini PCI Express serial card turns a mini-PCIe slot into two RS232 (DB9) serial ports - a cost-saving solution for adding legacy serial support for embedded systems that aren't normally compatible.

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

Designed and constructed to provide long-lasting durability and reliability, the 2-Port Mini PCI Express RS232 Serial Card is backed by our Lifetime Warranty and free lifetime technical support.

Features

- Compliant with PCI Express base specifications revision 1.1a
- High Performance Dual Channel Oxford 16950 UART
- Native single-Chip, single lane PCI Express
- Two high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- 128-byte deep FIFO per transmitter and receiver



Forcom Technology Co., Ltd.

Tel: +886-2-2739-8198 Fax: +8862-2739-6590

e-mail: forcom-tech@hotmail.com

URL: <http://www.forcom.com.tw>

- Asynchronous baud rates up to 15Mbps
- 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
- To allow power output from the ninth pin of the connector to enable power up of the connected devices without power adapter. The card allow user to set each individual port with 5V, 12V, or RI (no power).
- Includes two 30cm IDC to DB9 serial cables

Applications

- Add serial ports to industrial embedded computers and systems
- Add serial RS232 control to an embedded or slim media center/media server
- Additional ports to slimline POS systems
- Connect to any motherboard with a PCI Express mini slot

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