



PClex-200LP Low Profile 2-Port RS-232 PCI Express Serial Board

The PClex-200LP Low Profile PCI Express Dual RS-232 Card is the most advanced Multiport Serial Board with PCI Express Bus for compact, small form factor desktop PC. The board is PCI Express x1 compliant, and works in any PCI Express slot (x1, x4, x8 and x 16 lane PCI Express slots). This x1 lane, standard profile PCI Express serial board offers two reliable, high speed ports of RS-232 connectivity, compatible with any PCI Express slot of low profile computer. There is no need to change your application software to use this low profile PCI Express serial card. The new PCI Express card is backwards compatible with your PCI card software.

The PClex-200LP Low Profile PCI Express 2-Port Serial Board is designed with a DB-44 connector on board and one spider cable fanning out two DB9 male connectors. The board is equipped with two 16950 UART. Each port supports up to 128 bytes of transmit and receive FIFO buffers. The FIFO buffer is 8 times of the normal 16C550 UART. Each of the PCI Express RS-232 serial port supports data rate up to 921.6 Kbps, with automatic data flow control to ensure no data loss.

The PCI Express serial ports support full modem control signals, to ensure compatibility with a wide range of serial peripherals. This PClex-200LP offers reliable, high speed data transfer for small form factor PCI Express system.

Complete drivers support Windows Vista, XP, 2003, 2000.



Features & Specification

- Model No.: PClex-200LP
- Supports RS-232 interface
- Bus interface: 3.3v PCI Express Bus signal support
- I/O Address & IRQ: Assigned by BIOS. Plug & Play.
- PCI Express x1 lane compatible
- Works in PCI Express x1, x4, x8, x16 slots
- Installed as standard Windows COM port
- Full RS-232 modem control signals
- RS-232 data signals: TxD, RxD, RTS, CTS, DSR, DTR, DCD, RI, GND
- UART: 16C950 UART
- FIFO: 128 byte transmit & receive FIFO, with automatic flow control
- Serial port speed up to 921.6K bps
- Full hardware and software flow control
- Serial Communication Parameters
 - Parity: None, Even, Odd
 - Data bits: 5, 6, 7, 8
 - Stop bits: 1, 1.5, 2
 - Flow control: RTS/CTS, XON/XOFF
- Easy plug & play installation and RS-232 device connection
- Dimensions: 47 mm x 80 mm
- COM Port Number can be changed to COM1 to COM4 to support HyperTerminal, or any other COM port number required
- Supports Windows Vista, XP, 2003, 2000.

Connection

- Spider cable with two Male DB9 connectors
- Cable length: 30 cm