

Model: 168HPCI
8-Port PCI Card CE

Model **C168H/PCI** is designed for people looking for an easy-to-use eight port serial card. Plug the C168H/PCI card into the PCI slot, and all configuration tasks will be done automatically, eliminating the need to adjust I/O addresses and IRQ hardware switches and jumpers. The C168H/PCI is an economical multi-port solution for users who need to control several serial devices, but are unable to do so using the PC's COM1 and COM2 ports.

Each port of the C168H/PCI can be configured to any IRQ and any address, eliminating the problem of resource conflicts.

Features

Low repair rate with ASIC design
 Delivers fastest data transmission available, with speeds up to 921.6 Kbps
 On-chip hardware flow control
 No switches or jumpers - easy to configure by software

Applications

PC-based POS devices
 PC-based postal machines
 PC-based Kiosks
 PC-based lottery machines
 Other serial device control

Specifications

I/O controller:	16C550C or compatible x 8 (16 byte Tx and Rx FIFO's)
Connector type:	DB62S (optional accessories will dictate final connector typ
Bus:	PCI version 2.1 (32 bit)
Serial:	Depends on interface adapter selected (RS-232/422/485)
Ports:	8
Speed:	50 bps - 921.6 Kbps
Max. no. of ports:	32 (with 4 boards per system)
Parity:	None, even, odd, space, mark
Data bits:	5, 6, 7, 8
Stop bits:	1, 1.5, 2
IRQ:	PCI: Assigned by BIOS
I/O address:	Assigned by BIOS
Compatibility:	Windows XP, 2000, NT, 95, 98, ME; DOS, AT&T UNIX SVR4.2, MITUX SVR4.2, Unix Ware SVR4.2, Unix Ware7 SVR5, SCO Open Server, SCO UNIX, Linux 2.0.x (Intel x 86), Linux 2.0.x (Alpha), Linux 2.2.x (Intel x 86), Linux 2.2.x (Alpha)
Power:	260 mA max. (+5V), 100 mA max. (+12V), 60 mA max. (-12V)
Operating temp:	32 to 131°F (0 to 55°C)
Dimensions:	4.8 x 3.9 in (12.3 x 10 cm)
Approvals:	FCC, CE

International Headquarters:

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Optional Accessories

- OPT8A:** Connection box with 8 RS-232 DB25S (female) connectors (wired as DCE)
 TD, RD monitoring LED's for each port
 Signals and pin-out: RD (2), TD (3), CTS (4), RTS (5), DTR (6), GND (7), DCD (8), DSR (20)
 Baud rate: 50 bps – 921.6 Kbps
 Dimensions: 9.7 x 4.3 x 1.4 in (24.7 x 10.8 x 3.5 cm)
 Includes 59 in (150 cm) DB62 to DB62 connection cable

- OPT8B:** Connection box with 8 RS-232 DB25P (male) connectors (wired as DTE)
 TD, RD monitoring LED's for each port
 Signals and pin-out: TD (2), RD (3), RTS (4), CTS (5), DSR (6), GND (7), DCD (8), DTR (20)
 Baud rate: 50 bps – 921.6 Kbps
 Dimensions: 9.7 x 4.3 x 1.4 in (24.7 x 10.8 x 3.5 cm)
 Includes 59 in (150 cm) DB62 to DB62 connection cable

- OPT8C:** DB62P (male) to 8 RS-232 DB25P (male) cable (wired as DTE)
 Signals and pin-out: TD (2), RD (3), RTS (4), CTS (5), DSR (6), GND (7), DCD (8), DTR (20)
 Cable length: 39 in (100 cm)

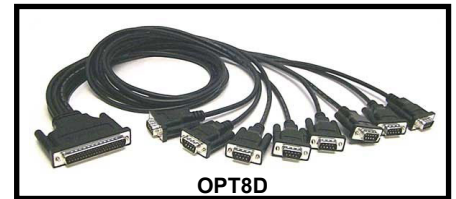
- OPT8D:** DB62P (male) to 8 RS-232 DB9P (male) cable (wired as DTE)
 Signals and pin-out: DCD (1), RD (2), TD (3), DTR (4), GND (5),
 DSR (6), RTS (7), CTS (8)
 Cable length: 39 in (100 cm)

- OPT8F:** Connection box with 8 RS-422 DB25S (female) connectors
 and optical isolation TD, RD monitoring LED's for each port
 Signals and pin-out: TD+ (3), TD- (16), RD+ (2), RD- (14), GND (7)
 Optical isolation: 500V
 Baud rate: 50 bps – 115.2 Kbps
 Power requirements: 0.8A max. (+5V) DC
 Dimensions: 9.7 x 4.3 x 1.4 in (24.7 x 10.8 x 3.5 cm)
 Includes power supply that works with 100 - 110 VAC
 Includes 59 in (150 cm) DB62 to DB62 connection cable

- OPT8K:** Connection box with 8 RS-422/485 DB25S (female) connectors
 TD, RD monitoring LED's for each port
 Signals and pin-out: RS-485 (2-wire): Data+ (2), Data- (14), GND (7)
 RS-422/485 (4-wire): TD+ (3), TD- (16), RD+ (2), RD- (14), GND (7)
 Baud rate: 50 bps – 230.4 Kbps
 Power requirements: 9-30VDC (300mA max. at 12VDC)
 Dimensions: 9.7 x 4.3 x 1.4 in (24.7 x 10.8 x 3.5 cm)
 Includes power supply that works with 110 VAC
 Includes 59 in (150 cm) DB62 to DB62 connection cable

- OPT8S:** Connection box with 8 RS-232 DB25S (female) connectors and surge protection (wired as DCE)
 TD, RD monitoring LED's for each port
 Signals and pin-out: RD (2), TD (3), CTS (4), RTS (5), DTR (6), GND (7), DCD (8), DSR (20)
 Baud rate: 50 bps – 921.6 Kbps
 Surge protection: 25K Volts ESD (electrostatic discharge), 2K Volts EFT (electrical fast transients)
 Dimensions: 9.7 x 4.3 x 1.4 in (24.7 x 10.8 x 3.5 cm)
 Includes 59 in (150 cm) DB62 to DB62 connection cable

- OPT8Z:** Connection box with 8 RS-422 DB25S (female) connectors
 TD, RD monitoring LED's for each port
 Signals and pin-out: TD+ (3), TD- (16), RD+ (2), RD- (14), GND (7)
 Baud rate: 50 bps – 115.2 Kbps
 Power requirements: 0.8A max. (+5V) DC
 Dimensions: 9.7 x 4.3 x 1.4 in (24.7 x 10.8 x 3.5 cm)
 Includes power supply that works with 100 - 110 VAC
 Includes 59 in (150 cm) DB62 to DB62 connection cable



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