

2-Port, Low-Profile, RS-232 Serial Card

Model DSCLP-100

B+B SMARTWORX

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PRODUCT FEATURES

- Perfect solution for adding multiple high-speed serial ports to any PC, server, thin client, or embedded system
- Two independent serial ports
- Universal PCI connector, 3.3V or 5V
- MD1 low profile PCI board (fits U2 racks)
- Speeds up to 921.6 kbps
- 16550 UARTs with 16-byte FIFOs
- All ports share a single PCI interrupt
- Plug-and-play
- Windows 95/98/Me/NT/2000/XP, LINUX, OS/2, DOS

As many banking, retail, and hospitality POS applications are implemented using increasingly smaller-size systems, it becomes more difficult to integrate the multiple serial ports necessary to accommodate the large number of peripherals required for these systems. This low profile PCI serial board solves this problem.

Low profile PCI boards are mechanically similar to standard PCI boards, but use a shorter board and a different mounting bracket. This product leverages the standard to provide two additional serial ports on a single board. These low profile PCI boards adhere strictly to standard specifications, so you can be sure that every board will install smoothly and consistently, and function properly in your system.

ORDERING INFORMATION

MODEL NUMBER	PORTS	INTERFACE
DSCLP-100	2	RS-232 board with cable

SPECIFICATIONS

SERIAL TECHNOLOGY	
Ports	2
Connectors	DB-25 male or cable with 2 DB-9 male
Bus	32-bit, 33 MHz PCI Bus Specification, 2.3 Compliant
Data Rate	Up to 460.8 kbps (maximum)
UARTs	16550 UARTs, 16-byte FIFOs (1 per port)
Transceiver	ICL3245CA or compatible
INPUT/OUTPUT	
Drivers	High Level Output: +5V (minimum), +5.4V (typical) Low Level Output: -5V (minimum), -5.4V (typical) Transition Time (THL-TLH): 25 ns (typical)
Receive Buffers	Voltage Range: +25V (maximum), -25V (minimum) Transition Time (THL-TLH): 50 ns (typical)
POWER	
Power Requirement	3.3V, 260mA (typical)
SOFTWARE	
Operating Systems	Windows 95/98/Me/NT/2000/XP
ENVIRONMENTAL	
Operating Temperature	0 to 70°C
Storage Temperature	-50 to 80°C
Operating Humidity	10% to 90%
MECHANICAL	
Dimensions	MD1 Board: fits 2U racks 6.4H x 12.0W cm (2.5H x 4.7W in) Low Profile PCI Bracket: 7.9H cm (3.1H inches) (Standard PCI bracket also included)
REGULATORY	
Approvals	FCC Class B, CE

All product specifications are subject to change without notice.

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