

ClassicBoard®

Multiport Serial Cards

PCI-based solutions for reliable and cost-effective serial expansion.



Overview

The ClassicBoard family provides dependable, cost-effective serial expansion with an easy-to-install multiport serial card. It offers PCI bus support, is available in four- and eight-port RS-232 versions, and delivers throughput of up to 460.8 Kbps. Every signal is safeguarded by built-in surge protection, ensuring that electrical interference, power surges or brown-outs do not interfere with the system operation.

ClassicBoard is best suited to applications where the CPU is able to devote some resources to computations or to real-time applications that require short latency time intervals. It can also be used in applications using sensors, switches, measurement devices, factory automation, Electronic Data Interchange (EDI), industrial control processing and data collection. It is ideal for connecting cash registers, print receipt devices, scanners and other peripheral devices in retail Point-of-Sale (POS) systems.

Related Products



AccelePort® Xr 920



Digi Neo®



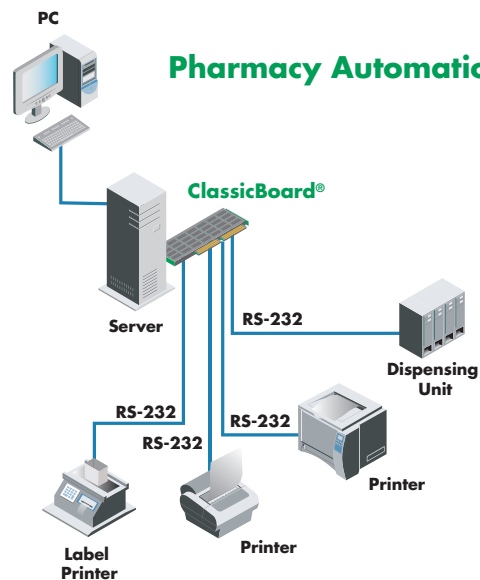
AccelePort® Xp



Edgeport®

Application Highlight

Pharmacy Automation



Features/Benefits

- Easy to install – no DIP switches or jumpers to set
- PCI bus support
- 4- and 8-port RS-232 models with DB-9, DB-25 or RJ-45 connectors
- Surge suppression on all signals protect against electrical interference with system operation
- 460.8 Kbps data throughput
- 16C654 UARTs providing automatic flow control and 64 byte FIFO



Specifications		ClassicBoard® PCI 4 Ports		ClassicBoard® PCI 8 Ports	
Interfaces					
Serial Ports		RS-232			
Serial Connector		DB-9, DB-25 or RJ-45			
Throughput		Up to 460.8 Kbps			
Features					
Operating Systems		Windows Server™ 2003, Windows Server® 2008, Windows Vista®, Windows® XP, Linux®, SCO OpenServer Legacy support only for: OS/2, Windows NT®, Windows 95/98/Me, Windows 2000			
Dimensions (L x W x H)		5.25 in x 0.50 in x 4.20 in (13.34 cm x 1.27 cm x 10.69 cm)			
Weight		9.00 oz (0.26 kg)			
Other		Full duplex operation; 16C654 UARTs providing automatic flow control and 64-byte FIFO; Supports auto configuration of all PCI interrupts			
Power Requirements					
Typical (+5V)		400 mA		350 mA	
Typical (+12V)		80 mA		40 mA	
Typical (-12V)		80 mA		40 mA	
Surge Protection		Multi-strike surge suppression on every signal			
System Requirements					
Slot		One 32-bit PCI slot			
IRQ		Assigned			
Port		One unused I/O port address			
Environmental					
Operating Temperature		10° C to 55° C (50° F to 131° F)			
Storage Temperature		-25° C to +85° C (-13° F to +185° F)			
Relative Humidity		5% to 90% (non-condensing)			
Altitude		0 to 12,000 feet (0 to 3,660 meters)			
Air Movement		30 CFM forced			
Regulatory Approvals					
Safety		UL 1950, CSA 22.2 No. 950, EN60950, AS3260			
Emissions/Immunity		FCC Part 15 (Class B), EN55022 (Class B), EN50082-2, AS3548, VCCI Class B			

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