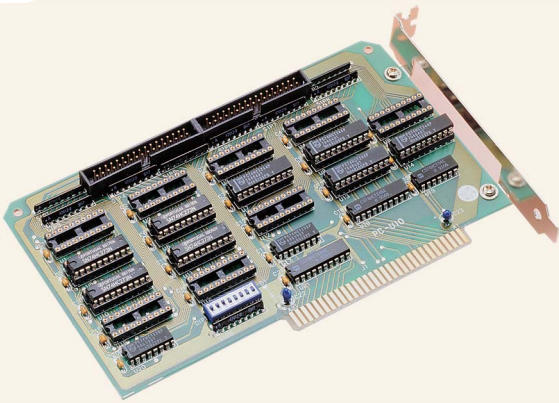


AR-B2201B · AR-B9012

Industrial I/O Card



AR-B2201B

TTL Digital, Input/Output Card



AR-B9012

Isolated 422/485 Communication Card

AR-B2201B

General:	
I/O Channel	64TTL input/output line (8 port)
Input Buffer	74HCT244 with 4.7K Ohm pull up resistors
Output Driver	74HCT273, Maximum sink current - 24mA, Maximum source current - 16mA
I/O addresses	Base port switch selectable from 0 to 3F8 hex with increments of 8
Power Consumption	+5VDC @ 120mA maximum (all output is low)
Dimension	175mm x 109mm
Operating Temperature	0~50°C(32~122°F)
Storage Temperature	-20~70°C(-4~158°F)
Operating Humidity	0% ~ 90% Relative humidity non-condensing
Applications	<ol style="list-style-type: none"> 1. Interfacing with parallel I/O device 2. Factory monitoring and control 3. TTL signal or switch status sensing 4. Light indications and digital output control

Packing list:

Part No.	Utility Disk, Manual
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Ordering Information

Standard:

AR-B2201B	TTL Digital Input/Output Card
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Optional:

AR-B9006	Terminal Board for AR-B2201B
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AR-B9012

General:	
Interface Type	RS-422A or RS-485
Number of Ports Per Card	2
Maximum Transfer Distance	4000ft.
Baud Rate	50 to 115.2K
Parity	none, even, odd, mask or space
Data Bits	5, 6, 7 or 8 bits
Stop Bits	1, 1.5 or 2 bits
Port Signal	TXD, RXD, CTS and RTS
Connector	D-type, 9 pin, female
UART	16C550
Output Driver	SN75175 or SN75173
Input Driver	SN75174 or SN75172
Input Resistance	RS-422 4K ohm; RS-485 12K ohm
Termination Resistor	120 ohm
Signal Isolator	PC900 for TXD and RXD, 4N35 for CTS and RTS, 5000Vrms isolation
Power Isolator	DC to DC converter, 500 VDC isolation
Bus Type	8 bit ISA bus (If only first 4 IRQ used) 16 bit ISA bus (If 8 IRQ used)
Interrupt Channel	IRQ 2(9), 3, 4, 5, 10, 11, 12 and 15
Power Requirement	5VDC/250mA
Physical and Environmental	Operating Temperature : 0~60°C(32~140°F) Storage Temperature : -28~85°C(-18.4~185°F) Operating Humidity : 0% to 95%, non-condensing
Dimension	175mm x 107mm

Packing List:

Part No.	Utility Disk, Manual
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Ordering Information

Standard:

AR-B9012	Isolated 422/485 Communication Card
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Specifications are subject to change without notice.