

PC/104 Datacom Modules



PCM-3643
4/8 RS-232 COM Port Module



Specifications

General	
Bus Interface	PC/104 (ISA)
Chipset	Standard 16550, 16650, or 16750 compatible chipsets for serial ports
Channel	4/8 port RS-232 support
Baud Rate	50 ~ 115, 200 bps
Data Bits	5, 6, 7 or 8-bits
Stop Bit	1, 1.5, or 2
Parity	Even, odd, or none
Interrupt Level	IRQ 3, 4, 5, 6, 7, 9, 10, 11, 12 or 15
I/O Connector	40-pin header
Mechanical and Environmental	
Dimensions (L x W)	96 x 90 mm (3.8" x 3.5")
Weight	0.084 kg (0.185 lb)
Temperature	Operating: 0 ~ 60° C (32 ~ 140° F); Storage: -40 ~ 85° C (-10 ~ 185° F)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Power	
Power Supply Voltage	+5 V, ± 5 % tolerance on power supply
Power Consumption	+5 V @ 400 mA (typical)

Ordering Information

P/N	Description
PCM-3643-08A1E	8 x COM RS-232 Port Module
PCM-3643-04A1E	4 x COM RS-232 Port Module



PCM-3665
Dual GbE Module



Specifications

General	
Bus Interface	PC/104-Plus (PCI interface only)
Chipset	Intel® 82541PI (PCI 10/100/1000 Mbps)
Port	Single/Twin Ethernet port
Speed	10/100/1000 Mbps
Compatibility	PCI version 2.2, 33 MHz PCI
Mechanical and Environmental	
Dimensions (L x W)	96 x 90 mm (3.8" x 3.5")
Weight	0.09 kg (0.198 lb)
Temperature	Operating: 0 ~ 60° C (32 ~ 140° F); Storage: -40 ~ 85° C (-10 ~ 185° F)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Power	
Power Consumption	Dual LAN: +5 V @ 1.2 A (typical) Single LAN: +5 V @ 0.6 A (typical)
Power Supply Voltage	+5 V, ±5 % tolerance on power supply

Ordering Information

P/N	Description
PCM-3665-00A1E	Dual GbE with RJ45 connector Module
PCM-3665P-00A1E	Dual GbE w/o RJ45 connector Module
PCM-3665-01A1E	Single GbE w/o RJ45 connector Module



PCM-3644
RS-232/422/485 COM Port Module



Specifications

General	
Bus Interface	PC/104-Plus (PCI interface only)
I/O Address	0 x 000 ~ 0 x 3F8
UART	4 x 16C550 (PCM-3614), 8 x 16C550 (PCM-3618)
IRQ	3, 4, 5, 6, 7, 9, 10, 11, 12, 15
Data Bits	5, 6, 7, 8
Stop Bits	1, 1.5, 2
Parity	none, even, odd
Speed (bps)	50 ~ 921.6 K
Connectors	4/8 DB-9 male
Signal Support	TxD+, TxD-, RxD-, CTS+, CTS-, RTS+ and RTS-
Surge Protection	1000 V _{oc}
Mechanical and Environmental	
Dimensions (L x W)	96 x 90 mm (3.8" x 3.5")
Weight	0.084 kg (0.185 lb)
Temperature	Operating: 0 ~ 60° C (32 ~ 140° F); Storage: -40 ~ 85° C (-10 ~ 185° F)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Power	
Power Supply Voltage	+5 V, ± 5 % tolerance on power supply
Power Consumption	+5 V @ 400 mA (typical)

Ordering Information

P/N	Description
PCM-3644-08A1E	8 x COM RS-232 Port Module
PCM-3644-04A1E	4 x COM RS-232 Port Module
PCM-3644H-04A1E	4 x COM RS-422 Port Module