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RTD Embedded Technologies, Inc.

An AS9100 and ISO 9001 Certified Company

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CM310HR

PC/104 Quad Serial Port

Operating Temperature -40° to $+85^{\circ}\text{C}$

Features

- PC/104 stackable bus structure
- Compatibility with the Industry Standard 16C550
- 115.2K baud RS-232 operation
- Up to 1.5M baud RS-422 operation
- 16 byte transmit FIFO/16byte receive FIFO with error flags
- Independent transmit and receive control
- Standard modem interface
- Jumper selectable to interrupt line, base address, RS232/RS422-485 mode per port
- Jumper selectable enable/disable per port
- Includes 42 different selectable I/O base addresses
- Internal Common Registers added to configure and control the board operation
- Low power-consumption

I/O

- Four jumper-configurable RS-232/422/485 serial ports
 - 16550 compatible UARTs for high-speed
 - Termination resistors for RS-422/485

Software

- DOS diagnostic programs

Recommended Accessories

- XK-CM30 Cable Kit

Physical Attributes

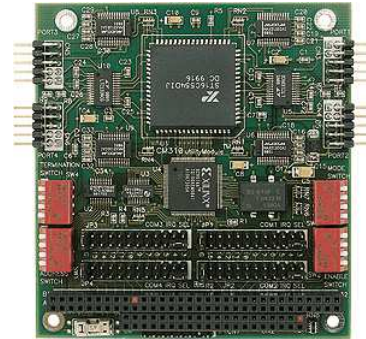
- Dimensions
 - Length (L): 3.775 inches (95.89 mm)
 - Width (W): 3.550 inches (90.17 mm)
 - Stand-off Height: 0.600 inches (15.24 mm)
- Weight: Approximately 0.22 lbs. (0.10 Kg)
- Standard Operating Temperature, 90% humidity non-condensing: -40 to $+85^{\circ}\text{C}$
- Storage Temperature: -55 to $+125^{\circ}\text{C}$
- Power Consumption: 1.5 W at 5 V

Documentation and Downloads

- [Hardware Manual](#)
- [Software Manual\(s\)](#)
- [Drivers and Example Programs](#)

Ordering Information

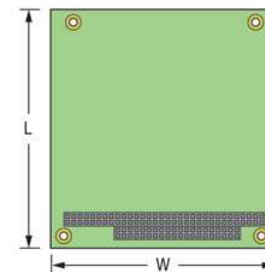
Part Number	Description	Value OEM
CM310HR	PC/104 Quad Serial Port Peripheral Module	\$498



CM316 Quad Serial Port Module



Rugged IDAN configuration available



RTD Embedded Technologies, Inc.

Designed and Made in the USA

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