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Express 2 port RS422/485 Card

Model No.: EC485-2

The Card is a single-chip solution for Express-based high-performance serial connectivity that provides a combination of rich features and user configurability to enable highly differentiated end products.

The device combines a fully integrated, single-lane Express end-point controller and SerDes with Two high-performance Oxford Semiconductor 950 UARTs

FEATURES

● Fully compliant with ExpressCard Specification 1.0
● ExpressCard/34 Form Factor Module.
● Fast 16550 UART supports baud rates up to 115.2Kbps.

Broad operating system support including device drivers for Windows® 2000, Windows® XP, Windows® Vista & Linux

Function		Parity	None, Odd, Even, Space, Mark
Type	Express Serial Card	Flow Control	None, Xon/Xoff, RTS/CTS
Mode of Operation	Handshaking	Data Signal	TXD-,TXD+,RXD+,RXD-, GND
Bus Transceiver	RS-422/485 Full-Duplex	**OS Support**	
		32/64-bit System	Intel® Itanium® and AMD® Athlon 64® 32/64-bit CPU System
Hardware			
Bracket	Standard 121 mm	Microsoft	Win 2000/XP/2003/Vista

Host Controller	2 Ports RS422/485 (Switch to choose)	Linux	2.4.x / 2.6.x	
Bus Interface	Express 3.3V bus power	DOS		
PCB Connector	DB15F connector	**Operating Environment**		
Number of Port	2 x RS-422/485	Operational Temperature range	-40~ 85 °C	
Dimensions (WxD)	80 x 64 mm (3.14 x 2.51 inches)	Humidity	5~ 85% RH	
Communication		Storage Temperature	-20 ~ 85 °C	
IRQ & I/O Address	OS assigned	**Regulatory Approvals**		
FIFO	128K byte assigned FIFO	Hardware	CE, FCC (Class B)	
Baud Rate	Up to 115.2 Kbps	Driver	WHQL	
Data Bits		**Cable**		
Stop Bits		DB15M TO 2 DB9M		