



## Embedded Mini PCI-Express Power RS422/485 2 port

**Model No.: EMPE2S-422/485**

### Features

- Compliant with PCI Express Base Specification 1.0a & 1.1.
- Control pins for RS-422 Point to Point/Multi-Drop Auto Control
- Control pins for RS-485 Non Echo Auto Control
- Supports PCI Express Power Management.
- Fully Prioritized Interrupt System Controls
- 256-byte deep FIFO per transmitter and receiver

Broad operating system support including device drivers for Windows® 2000, Windows® XP, Windows® Vista/7 and LINUX,

<b>Function</b>		Parity	None,
Type	PCI Express Serial Card(RS422/485)	Flow Control	None,
Mode of Operation	Handshaking	Data Signal	TX- ,TX+ RX+ RX- GND(1~5)
Bus Transceiver	RS-422/485 Full-Duplex	<b>OS Support</b>	
<b>Hardware</b>		32/64-bit System	Intel® Itanium® and AMD® Athlon 64® 32/64-bit CPU System
Bracket		Microsoft	Win 2000/XP/2003/2008/Vista/7 (x32/x64)

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Host Controller	2 Ports RS422/485	Linux	2.4.X/2.6.X
Bus Interface	3.3V bus power	DOS	
PCB Connector	2X5 pin header	<b>Operating Environment</b>	
Number of Port	2 x RS-422/485	Operational Temperature range	-40~ 125 °C
Dimensions (WxD)	50 x 30 mm	Humidity	
<b>Communication</b>		Storage Temperature	-40~85 °C
IRQ & I/O Address	OS assigned	<b>Regulatory Approvals</b>	
FIFO	256-byte assigned FIFO	Hardware	CE, FCC (Class B)
Baud Rate		Driver	WHQL
Data Bits	5,6,7 or 8-bit Characters	<b>Cable</b>	
Stop Bits	1,1.5,or 2 Stop		

