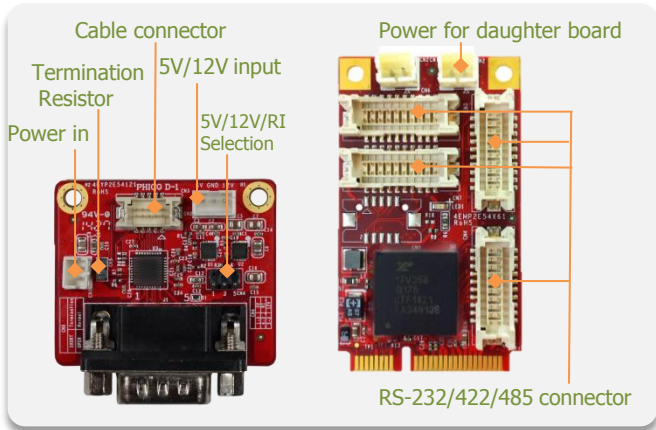


EMP2-X801

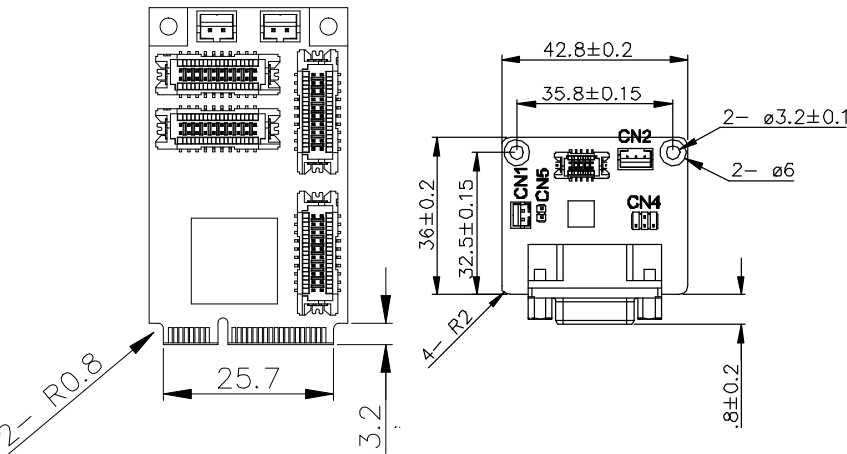
mPCIe to eight RS-232/422/485 Module



Features

- PCIe 2.0 compliant. RS-232/422/485 mode configurable by software.
- Up to 1 Mbps RS232 and 15 Mbps RS422/485 serial data rate. 16C550 compatible. 256-byte FIFOs
- Industrial temperature(-40 °C to 85 °C) operation.
- Flexible design with cable and daughter board x 8 (DB-9 connectors).
- Termination Resistor and 5V/12V output by jumper setting on daughterboard.
- ESD(Electrostatic Discharge) protection circuit to prevent system damage.
- 30μ" golden finger, 3-year warranty.
- Industrial design, manufactured in innodisk Taiwan

Mechanical Drawing



DB9 Pin define			
Pin	RS-232	RS-485/RS-422 full duplex	RS-485 half duplex
1	DCD	TX-	D-
2	RX	TX+	D+
3	TX	RX+	
4	DTR	RX-	
5	GND	GND	GND
6	DSR		
7	RTS		
8	CTS		
9	RI/5V/12V	5V/12V	5V/12V

Specifications

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 prior notice.

October 1, 2018

Form-Factor	mPCIe
Input I/F	PCI Express 2.0 x 1
Output I/F	RS-232/422/485
Output Connector	DB-9 x 8
TDP	0.478W (3.3V x 145mA)
Dimension (WxLxH)	30 x 50.9 x 8.45 mm
Temperature	Operation: W/T: -40°C ~ +85°C Storage: -55°C ~ +95°C
Environment	Vibration: 5G @7~2000Hz, Shock: 50G @ 0.5ms
Notes	Please download driver from MyInnodisk website. Windows: XP(32 bit), 7(32/64 bit), 8/8.1(32/64 bit), 10, WES7, CE7.0 Linux: Kernel 2.6.x and above.(We can provide Linux source for modification.)

Order information

EMP2-X801-W1(Wide Temp.)
 mPCIe to 8 x RS-232/422/485 Module