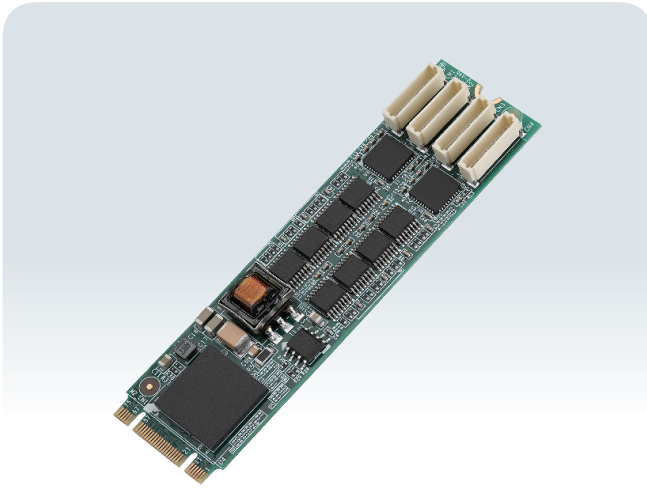# SMT-100

M.2 4-port Isolated RS-232/422/485 Serial Card

Features

- 4-port high-speed RS-232/422/485
- Each serial channel supports up to 2.5kV Isolation
- Up to 31.25Mbps super fast data transmission
- -40°C to 85°C Operating Temperature
- Flexible supports M.2 Key B, Key M
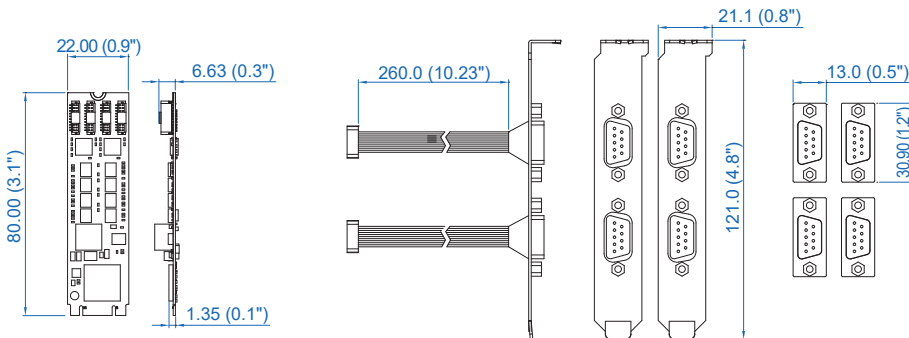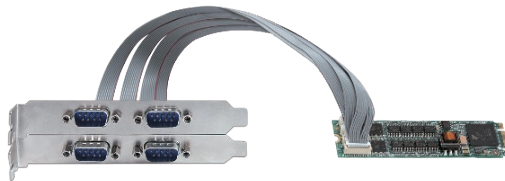- Interrupt Status Register for Performance Enhancement

Specifications

Serial	
Interface	PCIe x1
Form-Factor	M.2 Key B-M
Chipset	EXAR XR17V354
Standard	RS-232/422/485 (2.5kV Isolation)
Number of Ports	4
Baud Rate	Up to 921.6kbps
FIFOs	256 byte
Flow Control	CTS/RTS, Xon/Xoff
Software Support	
OS	Windows 10/11, Linux

Mechanical	
Dimensions (W x L)	▪ M.2 Card: 22mm x 80mm ▪ Cable Length : 250mm
Weight	145 g
Environment	
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Humidity	5% to 95% Humidity, non-condensing
Relative Humidity	95% @ 85°C
EMC	CE, FCC
Packing List	
1 SMT-100 Serial Card, 4 COM Cable, 2 Bracket	

Dimensions

Unit : mm/ inch

22.00 (0.9")
6.63 (0.3")
80.00 (3.1")
1.35 (0.1")
260.0 (10.23")
21.1 (0.8")
121.0 (4.8")
13.0 (0.5")
30.90 (1.2")

Scale 2:1
Panel Cut-Out for DB9

4-R2.50
19.5 (0.8")
15.4 (0.6")
25.0 (1.0")
9.90 (0.4")

Order Information

SMT-100	Four Isolated Serial Port M.2 Card