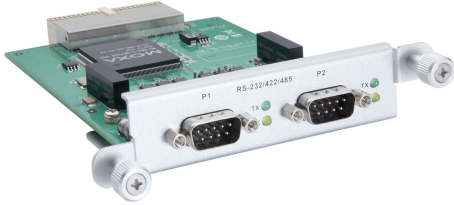# EPM-3032 Expansion Module

Expansion peripheral modules (EPM) for the V2400 Series

Features and Benefits

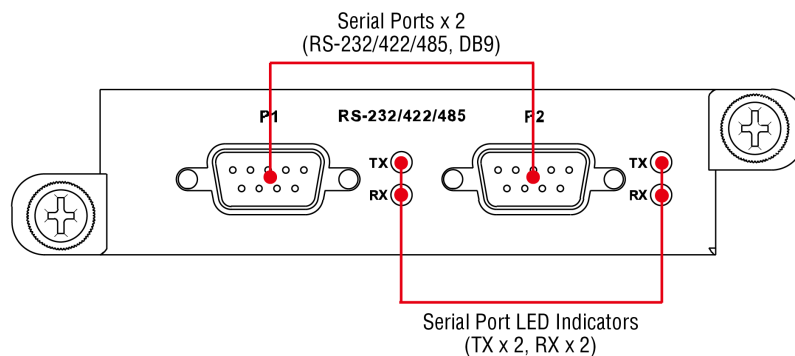• 2 isolated RS-232/422/485 ports with DB9 connectors

Certifications

Introduction

Moxa's EPM-3032 expansion module comes with 2 isolated serial ports with DB9 connectors, which can be used with Moxa's V2426 embedded computers to give end users the best flexibility for setting up and expanding a variety of industrial applications.

Appearance

Serial Ports x 2
(RS-232/422/485, DB9)

Serial Port LED Indicators
(TX x 2, RX x 2)

Specifications

Serial Interface

No. of Ports	RS-232/422/485 ports x 2, software selectable (DB9 male)
Baudrate	50 bps to 921.6 kbps
Flow Control	RTS/CTS, XON/XOFF, ADDC® (automatic data direction control) for RS-485, RTS Toggle (RS-232 only)
Isolation	2 kV
Parity	None, Even, Odd, Space, Mark
Data Bits	5, 6, 7, 8
Stop Bits	1, 1.5, 2

Serial Signals

RS-232	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
RS-422	Tx+, Tx-, Rx+, Rx-, GND
RS-485-2w	Data+, Data-, GND
RS-485-4w	Tx+, Tx-, Rx+, Rx-, GND

Physical Characteristics

Dimensions (without ears)	104 x 121 x 34 mm (4.09 x 4.76 x 1.34 in)
Weight	137 g (0.30 lb)

Environmental Limits

Operating Temperature	-40 to 70°C (-40 to 158°F)

Ordering Information

Model Name	miniPCIe Expansion Slots	SIM Slots	RS-232/422/ 485 Ports	CAN Ports	Digital Input Channels	Digital Output Channels	Operating Temp.	Conformal Coating
EPM-3032	–	–	2	–	–	–	-40 to 70°C	✓