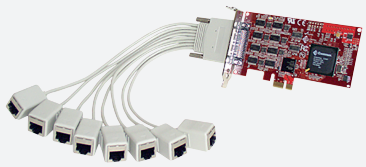
PCIe multiport serial card

RocketPort® EXPRESS Octa RJ45

ICRPC-8RJ45-FC



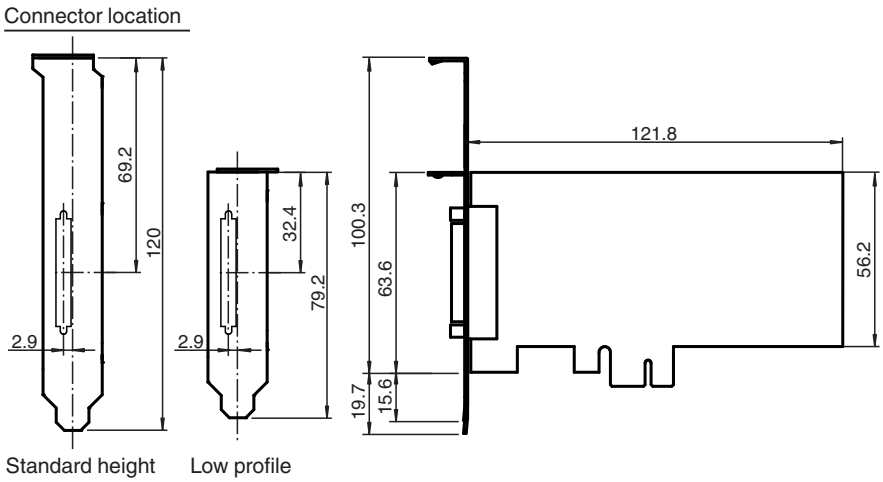
- RS-232/422/485 software selectable interfaces
- Device drivers (Windows and Linux)
- x1, x2, x4, x8, x12 or x16 lane PCIe connectivity
- Low-profile or standard-height compatible
- Communications speeds 300 bps to 921 Kbps

PCIe 8-port serial card with RJ45 fanout cable

Function

Flexible, reliable and high-speed serial port expansion.
The RocketPort EXPRESS family comprises serial adapter cards compatible with systems supporting x1, x2, x4, x8, x12 or x16 PCI Express expansion slots. Cards are designed for standard and low-profile PCs and servers and ship with a low-profile and a standard-height bracket. All models feature software-selectable RS-232/422/485 serial communication at data transmission speeds up to 921 Kbps.
Connection to serial devices are made utilizing RJ45, DB9 or DB25 fan-out cables or DB9 or DB25 interface boxes, depending on the selected model.

Dimensions



Technical Data

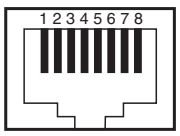
General specifications		
UL File Number		E185802
Functional safety related parameters		
MTBF		146.2 a
Electrical specifications		
Power consumption		1.45 W
Nominal voltage	U_N	3.3 V DC
Current consumption		910 mA / 3.3 VDC
Surge protection		15 KV / 200 A for 1 ns
Interface		
Interface type		Software selectable interfaces: RS-232 , RS-422 , RS-485

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Technical Data

Physical	8 x RJ45
Protocol	Hardware and Software Flow Control Data bits: 5, 6, 7 or 8 Parity: Odd, Even, None, Mark and Space Stop Bits: 1, 1.5 or 2 Receive Buffer: 512 Bytes Transmit Buffer: 512 Bytes
Supported baud rates	300 to 921,6 Kbps
Directive conformity	
Electromagnetic compatibility	
Directive 2014/30/EU	EN 61000-4-2:2009 EN 61000-4-3:2006+A1:2008+A2:2010 EN 61000-4-4:2012 EN 61000-4-5:2014+A1:2017, IEC 61000-4-5:2014+A1:2017 EN 61000-4-6:2014 EN 61000-4-11:2004+A1:2017
RoHS	EN IEC 63000:2018
Standard conformity	
Electrical safety	CSA C22.2 No. 60950 / UL60950
Emitted interference	EN 55032, FCC Part 15 Subpart B, ICES-003, AS/NZS CISPR 32
Noise immunity	EN 55035:2017-07
Ambient conditions	
Ambient temperature	0 ... 60 °C (32 ... 140 °F)
Storage temperature	-20 ... 85 °C (-4 ... 185 °F)
Relative humidity	max. 95 % non-condensing
Altitude	0 ... 3048 m
Mechanical specifications	
Mass	250 g
Construction type	Low-profile PCIe or Standard PCIe
Mounting	Low-profile and standard-height bracket for mounting in PCs and servers
Note	Maximum of 4 PC cards can be used per system

Connection Assignment



Pin	Assignment			
	RS-232	RS-422	RS-485 Full Duplex	RS-485 Half Duplex
1	RTS	TxD+	TxD+	TxD/RxD
2	DTR	n.c.	n.c.	n.c.
3	SIG GND	SIG GND	SIG GND	SIG GND
4	TxD	TxD-	TxD-	TxD/RxD
5	RxD	RxD-	RxD-	n.c.
6	DCD	n.c.	n.c.	n.c.
7	DSR	n.c.	n.c.	n.c.
8	CTS	RxD+	RxD+	n.c.

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