



## RocketPort® EXPRESS Quadcable DB25M

Part Number: 30127-1

ROCKETPORT

### KEY FEATURES AND BENEFITS

- x1, x2, x4, x8, x12 or x16 lane PCIe connectivity
- Low-profile or standard-height compatible
- RS-232/422/485 software-selectable ports
- Communications speeds up to 921 Kbps
- RoHS 2 compliant under CE



### PRODUCT DESCRIPTION

Flexible, reliable and high-speed serial port expansion.

The RocketPort EXPRESS Quad DB25 is a four port serial adapter that is compatible with systems that have x1, x2, x4, x8, x12 or x16 PCI Express expansion slots. The card is designed for standard and low-profile PCs and servers and ships with a low-profile and a standard-height bracket. The product provides support for software-selectable RS-232/422/485 serial

communications and data transmission speeds up to 921 Kbps.

Serial connections are made utilizing an external fan-out quadcable with four DB25M connectors that is included with the product. RocketPort EXPRESS products are European RoHS 2 directive compliant.



# ROCKETPORT SPECIFICATIONS

## HARDWARE

Maximum Cards/System  
4  
Bus Interface  
PCIe  
Product Weight (w/ cable)  
12.8 oz  
Form Factor  
Low-profile PCIe or Standard PCIe

## ELECTRICAL SPECIFICATIONS

Current Consumption  
3.3VDC or 12VDC  
Power Consumption  
3.1 W  
Surge Protection  
15KV @200A for 1ns

## ENVIRONMENTAL SPECIFICATIONS

Operating Temperature  
0 to 60°C  
Storage Temperature  
20 to 85°C  
Operating Humidity  
NonCondensing 5% to 95%  
Altitude  
0 to 10,000 Ft  
Heat Output  
10.6 BTU/Hr  
Mean time between failures  
48.7 Years

## DEVICE DRIVERS

FreeBSD® 5  
FreeBSD® 6  
QNX® 6.X  
SCO OpenServer™ 5  
SCO OpenServer™ 6  
Linux  
Microsoft® Windows® 7  
Microsoft® Windows® 2008 Server  
Microsoft® Windows® Vista  
Microsoft® Windows Server® 2003  
Microsoft® Windows® XP  
Microsoft® Windows NT® 4.0 (Legacy)  
Microsoft® Windows® 2000 (Legacy)

## SERIAL COMMUNICATIONS

Port Communication  
(4) DB25M  
Software Interfaces  
RS-232/422/485  
Baud Rates  
300 to 921.6 Kbps  
Data Bits  
5, 6, 7, or 8  
Parity  
Odd, Even, None, Mark and Space  
Stop Bits  
1, 1.5, or 2

## REGULATORY APPROVAL MARKS



## REGULATORY STANDARDS

Immunity  
European Standard EN55024  
IEC 1000-4-2/EN61000-4-2: ESD  
IEC 1000-4-3/EN61000-4-3: RF  
IEC 1000-4-4/EN61000-4-4: Fast Transient  
IEC 1000-4-5/EN61000-4-5: Surge  
IEC 1000-4-6/EN61000-4-6: Conducted Disturbance  
IEC 1000-4-8/EN61000-4-8: Magnetic Field  
IEC 1000-4-11/EN61000-4-11: Dip and Voltage  
Emission  
Canadian EMC Requirements ICES-003  
European Standard EN55022  
FCC Part 15 Subpart B: Class B limit  
AS/NZS CISPR 22  
Safety  
IEC 60950/EN60950  
CSA C22.2 No. 60950/UL60950, Third Edition  
European Standard: RoHS 2 compliant under CE

## FEATURES

RoHS 2 compliant under CE  
Low-Profile or Standard Height  
Easy Setup  
5 Year Warranty

## SERIAL PINOUTS

DB25 Male Connector Signals (Quad/Octacables)				
Pin	RS-232	RS-422	RS-485 (Full-Duplex)	RS-485 (Half-Duplex)
1	Not used	Not used	Not used	Not used
2	TxD	TxD-	TxD-	TRxD-
3	RxD	RxD-	RxD-	Not used
4	RTS	TxD+	TxD+	TRxD+
5	CTS	RxD+	RxD+	Not used
6	DSR	Not used	Not used	Not used
7	Gnd	Not used†	Not used†	Not used†
8	DCD	Not used	Not used	Not used
9 to 19	Not used	Not used	Not used	Not used
20	DTR	Not used	Not used	Not used
21	Not used	Not used	Not used	Not used
22	RI	Not used	Not used	Not used
23-25	Not used	Not used	Not used	Not used

† Pin 7 is tied to ground on the board, but is not used in the cable.



### Warranty Information

Comtrol offers a 30-day satisfaction guarantee and 5-year limited warranty.

### Sales Support

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### Technical Support

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