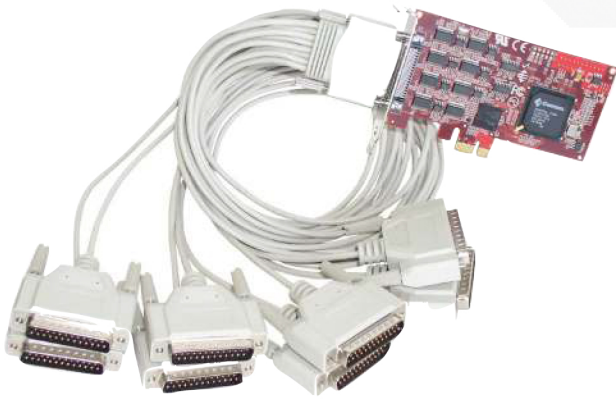


ROCKETPORT® EXPRESS Octable DB25M

Part Number: 30129-5



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 Octa DB25 is an eight 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 octacable with eight DB25M connectors that is included with the product. All RocketPort EXPRESS products are European RoHS 2 directive compliant.



ROCKETPORT SPECIFICATIONS

HARDWARE

Maximum Cards/System
4

Bus Interface
PCIe

Product Weight (w/ cable)
23.0 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

(8) DB25M

Software Interfaces

RS-232/422/485

Baud Rates

Up 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 PIN OUTS

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	D'TR	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

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

Sales Support

+1.763.957.6000
sales@control.com

Technical Support

+1.763.957.6000
www.control.com/
support

Email, FTP, and Web Support

info@control.com
ftp.control.com
www.control.com