



RocketPort® EXPRESS Octacable RJ45

Part Number: 30130-1

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 Octa RJ45 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 RJ45 connectors that is included with the product. RocketPort EXPRESS products are European RoHS 2 directive compliant.



connect. communicate. control.

ROCKETPORT SPECIFICATIONS

HARDWARE

Maximum Cards/System	4
Bus Interface	PCIe
Product Weight (w/ cable)	10.0 oz
Form Factor	Low-profile PCIe or Standard PCIe

ELECTRICAL SPECIFICATIONS

Current Consumption	3.3VDC @ 910mA
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	5% to 95%
NonCondensing	
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) RJ45F
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

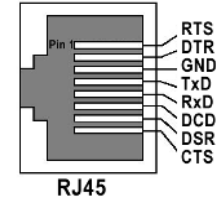
Safety
IEC 60950/EN60950
CSA C22.2 No. 60950/UL60950, Third Edition
European Standard: RoHS 2 compliant under CE

FEATURES

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

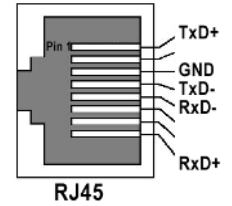
PINOUT DIAGRAMS

RS-232



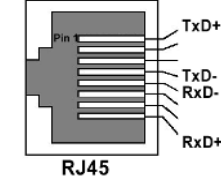
RJ45

RS-422



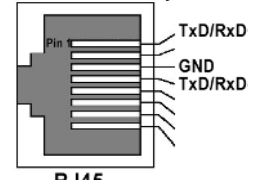
RJ45

RS-485 Full Duplex



RJ45

RS-485 Half Duplex



RJ45



Warranty Information

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

Sales Support

+1.763.957.6000
sales@comtrol.com

Technical Support

+1.763.957.6000
www.comtrol.com/
support

Email, FTP, and Web Support

info@comtrol.com
ftp.comtrol.com
www.comtrol.com