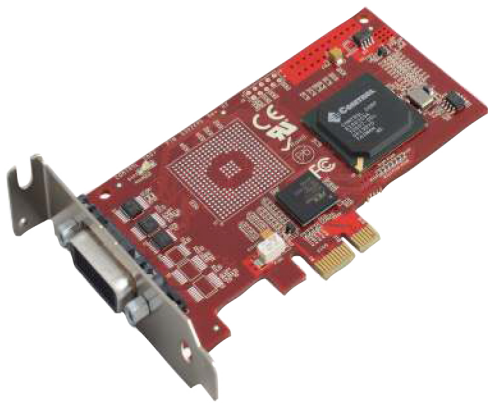# ROCKETPORT® EXPRESS 16-Port

Part Number: 30137-0

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 460 Kbps

- RoHS 2 compliant under CE

PRODUCT DESCRIPTION

Flexible, reliable and high-speed serial port expansion.

This RocketPort EXPRESS card product delivers 16 ports of additional in-server serial connectivity via an external interface that is purchased separately. A data communication speed up to 460 Kbps is connected through software-selectable RS-232/422/485 ports.

The card is compatible with systems that have x1, x2 x4, x8, x12 or x16 PCI Express expansion slots. It is designed for standard and lowprofile PCs and servers. 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)	9.7 oz
Form Factor	
Low-profile PCIe or Standard PCIe	

ELECTRICAL SPECIFICATIONS

Current Consumption	3.3VDC or 12VDC
Power Consumption	3.6 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	12.3 BTU/Hr
Mean time between failures	187.2 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	(16) DB9M
Software Interfaces	RS-232/422/485
Baud Rates	300 to 460 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
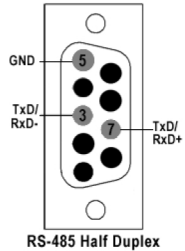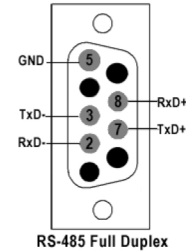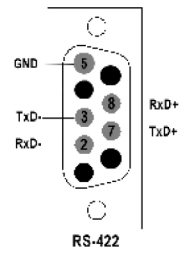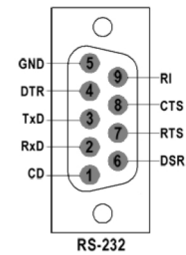FCC Part 15 Subpart B: Class B limit
AS/NZS CISPR 22

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

RS-422

RS-485 Full Duplex

RS-485 Half Duplex