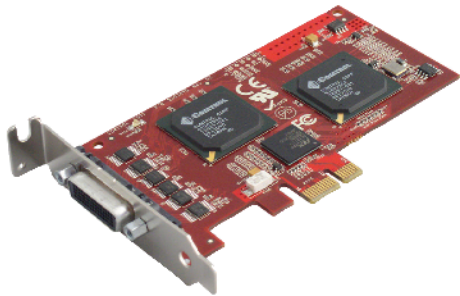


RocketPort® EXPRESS 32-Port

Part Number: 30138-7



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 32 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 low-profile PCs and servers. RocketPort EXPRESS products are European RoHS 2 directive compliant.

ROCKETPORT SPECIFICATIONS

HARDWARE

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

ELECTRICAL SPECIFICATIONS

Current Consumption
3.3VDC or 1.2VDC
Power Consumption
7.8 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
26.6 BTU/Hr
Mean time between failures
99.6 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
(32) DB25
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

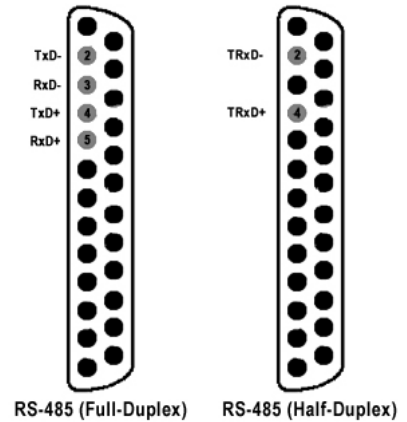
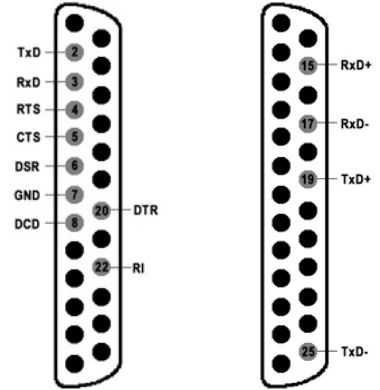
Emission
Canadian EMC Requirements ICES-003
European Standard EN55022
FCC Part 15 Subpart B: Class B limit
AS/NZS CISPR 22

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-485 (Full-Duplex)

RS-485 (Half-Duplex)