RocketPort® EXPRESS Quadcable DB25M

Part Number: 30127-1

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.

MADE IN USA

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

RoHS CE C FC cULus

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 1   Pin 13
Pin 14   Pin 25

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.

COMTROL®