



## RocketPort<sup>®</sup> EXPRESS Octable DB9

Part Number: 30128-8

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 DB9 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 DB9M connectors that is included with the product. RocketPort EXPRESS products are European RoHS directive compliant.



# ROCKETPORT SPECIFICATIONS

## HARDWARE

Maximum Cards/System  
4  
Bus Interface  
PCIe  
Product Weight (w/ cable)  
17.8 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

(8) DB9M

### 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 PINOUTS

| DB9 Male Connector Signals |        |           |                      |                      |
|----------------------------|--------|-----------|----------------------|----------------------|
|                            |        |           |                      |                      |
| Pin                        | RS-232 | RS-422    | RS-485 (Full-Duplex) | RS-485 (Half-Duplex) |
| 1                          | DCD    | Not used  | Not used             | Not used             |
| 2                          | RxD    | RxD-      | RxD-                 | Not used             |
| 3                          | TxD    | TxD-      | TxD-                 | TRxD-                |
| 4                          | DTR    | Not used  | Not used             | Not used             |
| 5                          | Gnd    | Not used† | Not used†            | Not used†            |
| 6                          | DSR    | Not used  | Not used             | Not used             |
| 7                          | RTS    | TxD+      | TxD+                 | TRxD+                |
| 8                          | CTS    | RxD+      | RxD+                 | Not used             |
| 9                          | RI     | Not used  | Not Used             | Not Used             |

† Pin 5 is tied to ground on the board, but is not used in the cable.



## Warranty Information

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

## Sales Support

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## Technical Support

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