

## COMTROL - NETWORK ENABLING DEVICES

Comtrol is a worldwide product leader in device connectivity, industrial Ethernet PLC gateways and intelligent embedded data communications — networking tools as mission critical as the devices they connect.

In 1982, Comtrol made its mark with the first serial port expansion card for PCs. Since then, we've consistently introduced groundbreaking technologies and custom applications for enterprise, hospitality, and industrial automation markets.

Comtrol delivers industry-leading technical support that simplifies our customers' integration objectives. As expert network advisors, we provide more than product capabilities — we are committed to our customers' objectives.

Comtrol gives businesses the tools that connect, communicate and control.



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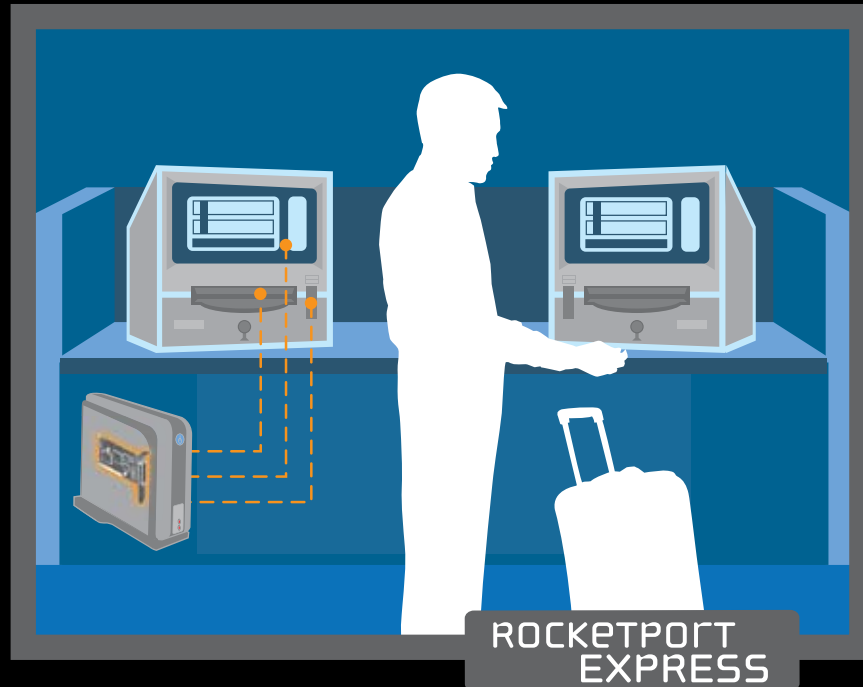
[www.comtrol.com](http://www.comtrol.com)



**Reliable and easy-to-use  
PCI Express serial device  
connectivity.**



**RocketPort EXPRESS** cards are flexible, reliable, and high-speed in-server serial port expansion cards. They provide connectivity for applications like factory systems, SCADA systems, point-of-sale, telecommunications, medical systems, and traffic equipment. Connect serial devices like printers, scanners, cameras, and LCD screens.



## ORDERING INFORMATION

Product Name	Part Number
<b>CARD PRODUCTS WITH FAN-OUT CABLE</b>	
RocketPort EXPRESS Quad DB9	30126-4
RocketPort EXPRESS Quad DB25	30127-1
RocketPort EXPRESS Octa DB9	30128-8
RocketPort EXPRESS Octa DB25	30129-5
RocketPort EXPRESS Octa RJ45	30130-1
RocketPort EXPRESS Quad/Octa Bulk	30131-8
RocketPort EXPRESS 8-Port SMPTE	30135-5

### CARDS THAT REQUIRE INTERFACE

RocketPort EXPRESS 4-Port	30136-3
RocketPort EXPRESS 8-Port	30136-3
RocketPort EXPRESS 16-Port	30137-0
RocketPort EXPRESS 32-Port	30138-7

### INTERFACE

RocketPort 4-Port DB9M Interface	30050-2
RocketPort 8-Port DB9M Interface	30040-3
RocketPort 8-Port DB9M Surge Interface	30045-8
RocketPort 16-Port DB9M Interface	30030-4
RocketPort 16-Port DB9M Surge Interface	30035-9
RocketPort 16-Port RJ45F Rackmount Interface	30060-1
RocketPort 32-Port RJ45F Rackmount Interface	30055-7

## HIGHLIGHTS:

- PCIe x1, x2, x4, x8, x12 and x16 Lane Connectivity
- Low-profile or Standard-height Compatible
- RS-232/422/485 Software-selectable
- 4- to 32-Port Interfaces
- High Performance Cards with Speeds-up-to 921 Kbps
- RoHS Compliant

## PRODUCT SUPPORT & SERVICE INFORMATION

### Sales Support

+1.763.494.4100  
sales@comtrol.com

### Technical Support

+1.763.494.4100  
www.comtrol.com/support

### Email, FTP, & World

### Wide Web Support

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The **RocketPort EXPRESS** product line is Comtrol's latest family of multi-port serial adapters. Products are fully compatible with systems that have x1, x2, x4, x8, x12 and x16 lane PCI Express expansion slots. The EXPRESS design takes advantage of the increased performance of Comtrol's exclusive Unity ASIC chip. Cards are low profile and are for use in both standard PC's and low-profile servers. Quad-cabled and octa-cabled products reach serial communication speeds of 921 Kbps and products with an interface communicate at up to 460 Kbps. All products support software-selectable RS-232/422/485 serial communication modes. The product family includes models from 4-ports to 32-ports with up to 128 ports per system.

### HARDWARE SPECIFICATIONS

- Number of Cards/System: Up to 4
- Number of Ports/Card: 4, 8, 16, or 32
- Interrupts/PCI: One or None
- Baud Rate: 921 Kbps for Cards with Cable  
460 Kbps for Cards with Interfaces
- Device Driver Control:
 

Data Bits	5, 6, 7 or 8
Parity	Odd, Even, None
Stop Bits	1 or 2

### INTERFACES

- Bus Interface: PCIe x1, x4, x8, x16 Lane Compatible
- Communications:
 

Quad/Octa Cards	RS-232/422/485
8-/16-/32-Port Cards	RS-232/422/485

### CONDITIONS

- Heat Output: 6.2 to 22.8 BTU/Hr\*
- Operating Temperature: 0 to 60° C
- Altitude: 0 to 10,000 Ft
- MTBF: 48.7-119.1 Yrs\*
- Operating Humidity (Non-Condensing) 5% to 95%
- Surge Protection: 15KV - 25KV ESD\*

### PHYSICAL SPECIFICATIONS

- Dimensions:
 

Quad/Octa Card	4.7" (L) x 2.6" (H)
8-/16-/32-Port Cards	4.7" (L) x 2.6" (H)

### ELECTRICAL SPECIFICATIONS

- Current Consumption: 3.3VDC 910mA
- Power Consumption: 3.1 Watts Max

### AGENCY APPROVALS

- Canadian EMC Requirements
- FCC Part 15 Class B Certification
- Product Safety UL Recognized
- European EMC Requirements
- ESD and Surge Protection to EN 55024 1998 Standard
- CE Approved
- European Standard 2002/95/EC RoHS Compliant

### SUPPORTED OPERATING SYSTEMS

- Linux 32 + 64 Bit
- Microsoft Windows 2000®, XP®, Server 2003®, Vista® 32 + 64 Bit
- FreeBSD 5,6\*\*
- SCO OpenServer™ 5, 6\*\*
- QNX® 6.X\*\*

\*Varies depending upon model.

\*\*Coming soon

Visit Comtrol's Web site at [www.comtrol.com](http://www.comtrol.com) for more detailed individual model specifications. Product information is subject to change.