



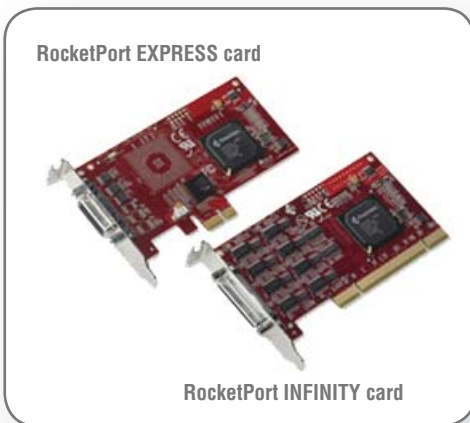
## RocketPort<sup>®</sup> | INFINITY and EXPRESS Multiport Serial Cards

PCI-X and PCI Express serial device connectivity

RocketPort INFINITY and EXPRESS families are Control's next generation multiport adapters. The cards design maximizes serial performance via Control's exclusive high performance Unity chip.

The INFINITY and EXPRESS cards offer the **highest port density options available in expansion cards**, with 4 to 32 ports for connecting even more serial devices, such as printers, scanners, cameras and weigh scales.

RocketPort cards are flexible, reliable, and high-speed in-server serial port expansion cards. They deliver dependable connectivity and increased communication capabilities in a wide variety of commercial and industrial applications.



### INDUSTRIAL APPLICATIONS

- |                       |                       |
|-----------------------|-----------------------|
| Factory systems       | Printers              |
| SCADA systems         | Scanners              |
| Point-of-sale systems | Barcode readers       |
| Video tape recorders  | Remote camera control |
| Digital signage       | Weigh scales          |
| Road sensors          | RFID transponders     |
| Satellite control     |                       |

### Highlights

- **INFINITY:** 32 or 64 Bit 3.3 or 5 Volt uPCI or PCI-X Connectivity
- **EXPRESS:** PCI Express 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** Densities
- High Performance Cards with **Speeds up to 921 Kbps**
- **Various interfaces and cabling options available** – Interface box or Quad/Octa cable
- **Supports Windows-certified drivers and Free BSD, Linux, QNX, and SCO Open Server**
- **RoHS Compliant**

The **RocketPort INFINITY and EXPRESS** product families are Control's next generation multi-port serial adapter. The product design takes advantage of the increased performance of Control's exclusive Unity chip. Cards are low profile and are for use in both standard height 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.

## SPECIFICATIONS

### HARDWARE SPECIFICATIONS

<b>Number of Cards/System</b>	Up to 4
<b>Number of Ports/Card</b>	4, 8, 16, or 32
<b>Interrupts/PCI</b>	One or None
<b>Baud Rate</b>	921 Kbps for Cards with Cable 460 Kbps for Cards with Interfaces
<b>Device Driver Control</b>	
Data Bits	5, 6, 7 or 8
Parity	Odd, Even, None
Stop Bits	1 or 2

### INTERFACES

#### Bus Interface

INFINITY	3.3 or 5 Volt uPCI, PCI-X
EXPRESS	(PCI-E) 1X, 4X, 8X, 16X-Lane Compatible

#### Communications

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

### CONDITIONS

<b>Heat Output</b>	6.2 to 22.8 BTU/Hr*
<b>Operating Temperature</b>	0 to 60° C
<b>Altitude</b>	0 to 10,000 Ft
<b>MTBF</b>	
INFINITY	57.1 TO 187.2 Yrs*
EXPRESS	48.7-119.1 Yrs*
<b>Operating Humidity (Non-Condensing)</b>	5% to 95%
<b>Surge Protection</b>	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

INFINITY	3.3VDC 520mA
EXPRESS	3.3VDC 910mA

#### Power Consumption

INFINITY	1.8 Watts Max
EXPRESS	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®, 7, 2008 Server  
 FreeBSD 5,6  
 SCO OpenServer™ 5, 6  
 QNX® 6.X  
 \*Varies depending upon model.



RoHS Directive  
2002/95/EC Compliant

### ORDERING INFORMATION

These products are available in 4,8,16,32 port densities, with interface box and cable connections in DB9, DB25 and RJ45.

### PRODUCT SUPPORT & SERVICE INFORMATION

#### Sales Support

+1.763.957.6000  
sales@control.com

#### Technical Support

+1.763.957.6000  
www.control.com/support

#### Email, FTP and Web Support

info@control.com  
ftp.control.com  
www.control.com

Visit Control's website at [www.control.com](http://www.control.com) for more detailed individual model specifications.

