



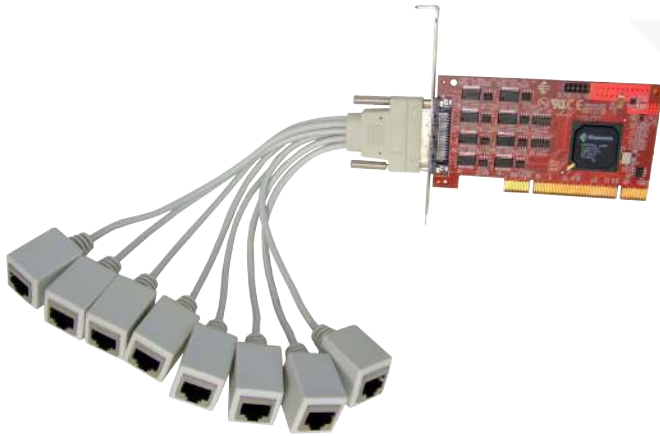
## RocketPort® INFINITY Octacable RJ45

Part Number: 30002-1

ROCKETPORT

### KEY FEATURES AND BENEFITS

- 32 or 64 bit 3.3 Volt PCI or PCI-X Compatible
- Low-profile or standard height compatible
- RS-232/422/485 software-selectable ports
- 66Mhz BUS speed via Control's Unity ASIC chip
- Communications speeds-up-to 921Kbps
- RoHS2 compliant under CE



### PRODUCT DESCRIPTION

Flexible, reliable and high-speed serial port expansion.

This RocketPort INFINITY octacable product delivers eight-ports of additional inserver serial connectivity via a fan-out RJ45 octacable. Data communication of 921Kbps is connected through RS-232/422/485 software-selectable ports. The serial adapter card is a low profile design suitable for use in both standard servers and 2U rackmount servers.

Product is fully compatible with systems that have 32 or 64 bit 3.3 volt PCI and PCI-X expansion slots. The INFINITY design utilizes the Control Unity ASIC technology that takes full advantage of the 66 MHz BUS speed available on PCI-X servers.



# ROCKETPORT SPECIFICATIONS

## HARDWARE

Maximum Cards/System	4
Bus Interface Specification	PCI or PCI-X
Interrupts Used	None or One
Product Weight (w/ cables)	10.1 oz
Form Factor	Low-profile PCI or Standard PCI

## ELECTRICAL SPECIFICATIONS

Current Consumption	3.3 V or 5 V
Power Consumption	1.8 Watts
Surge Protection	15KV @200A for 1ns

## ENVIRONMENTAL SPECIFICATIONS

<b>Air Temperature</b>	
System On	0° to 60°C
System Off	20° to 85°C
<b>Operating Humidity</b>	
	5% to 95%
<b>Altitude</b>	
	0 to 10,000 feet
<b>Heat Output</b>	
	6.2 BTU/Hr
<b>Mean time between failures (MTBF)</b>	
	57.1 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) RJ45F
Software Interfaces	RS-232/422/485
Baud Rate	300 to 921.6Kbps
Data Bits	5, 6, 7, or 8
Parity	Odd, Even, None Mark and Space
Stop Bits	1 or 2

## FEATURES

RoHS 2 compliant under CE  
 Low-Profile or Standard Height  
 Easy Setup  
 5 Year Warranty

## REGULATORY APPROVALS

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

**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

**Safety**  
 IEC 60950/EN60950 (LISTED)  
 CSA C22.2 No. 60950/UL60950 Third Edition

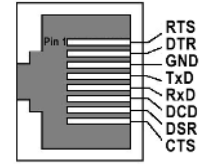
**Other**  
 RoHS2 Compliant

## Regulatory Approvals



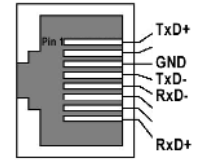
## PINOUTS

### RS-232



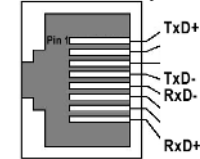
RJ45

### RS-422



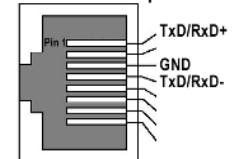
RJ45

### RS-485 Full Duplex



RJ45

### RS-485 Half Duplex



RJ45



## Warranty Information

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

## Sales Support

+1.763.957.6000  
 sales@comtrol.com

## Technical Support

+1.763.957.6000  
 www.comtrol.com/support

## Email, FTP, and Web Support

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