



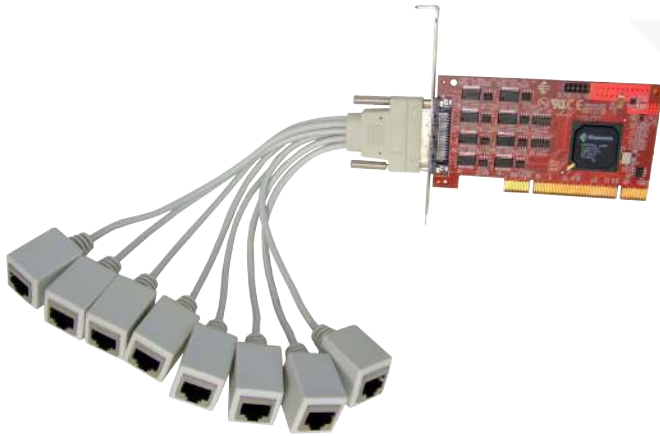
RocketPort® INFINITY Octacable RJ45

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

Air Temperature	
System On	0° to 60°C
System Off	20° to 85°C
Operating Humidity	
	5% to 95%
Altitude	
	0 to 10,000 feet
Heat Output	
	6.2 BTU/Hr
Mean time between failures (MTBF)	
	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
Stop Bits	Mark and Space
	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

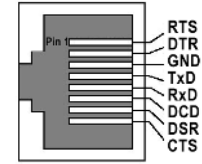
Other
 RoHS2 Compliant

Regulatory Approvals



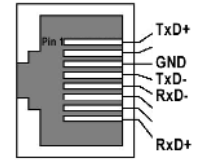
PINOUTS

RS-232



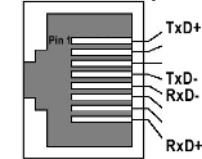
RJ45

RS-422



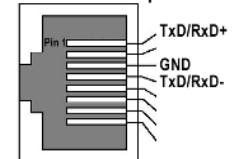
RJ45

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
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