COMTROL
Pepperl+Fuchs

ROCKETPORT® INFINITY 4-Port or 8-Port

Part Number: 30020-5

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 Comtrol's Unity ASIC chip

- Communications speeds-up-to 460Kbps

- RoHS2 compliant under CE

PRODUCT DESCRIPTION

Flexible, reliable and high-speed serial port expansion.

This RocketPort INFINITY card delivers up to 8-ports of additional in-server serial connectivity via a four or eight-port external interface that is purchased separately. Data communication of 460Kbps 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 Comtrol Unity ASIC technology that takes full advantage of the 66 MHz BUS speed available on PCI-X servers.

MADE IN USA

connect. communicate. control.

ROCKETPORT SPECIFICATIONS

HARDWARE

Maximum Cards/System	4
Bus Interface Specification	PCI or PCI-X
Interupts Used	None or One
Product Weight (w/ cables)	9.9 oz
Form Factor	
	Low-profile PCI or Standard PCI

ELECTRICAL SPECIFICATIONS

Current Consumption	3.3 V or 5 V
Power Consumption	2.5 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	8.6 BTU/Hr
Mean time between failures (MTBF)	187.2 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

Connector Type	RJ45
Port Communication	(8) DB9M
Software Interfaces	RS-232/422/485
Baud Rate	300bps to 460Kbps
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
   Disturba nce
   IEC 1000-4-8/EN61000-4-8: Magnetic Field
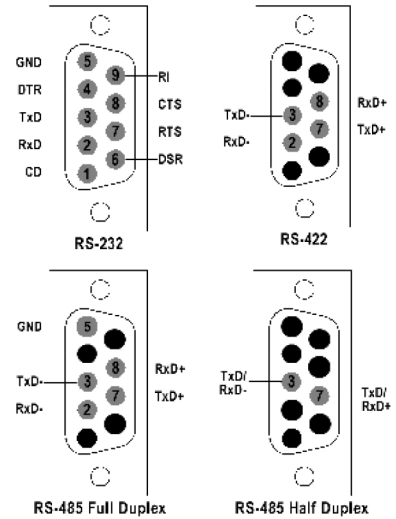   IEC 1000-4-11/EN61000-4-11: Dip and Voltage
Safety
   IEC 60950/EN60950 (LISTED)
     CSA C22.2 No. 60950/UL60950 Third Edition
Other
   RoHS2 Compliant

Regulatory Approvals

PINOUTS

RS-232   RS-422

RS-485 Full Duplex   RS-485 Half Duplex

Sales Support

+1.763.957.6000
sales@comtrol.com

Technical Support

+1.763.957.6000
www.comtrol.com/support

Email, FTP, and Web Support

info@comtrol.com
ftp.comtrol.com
www.comtrol.com