RocketPort® **INFINITY** 32-Port

Part Number: 30010-6

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 product delivers 32-ports of additional in-server serial connectivity via an external interface that is purchased separately. Data communication of 460 Kbps is connected through RS-232/422/485 softwareselectable 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 increased 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)	16.3 oz
Form Factor	
	Low-profile PCI or Standard PCI

ELECTRICAL SPECIFICATIONS

Current Consumption	3.3 V or 5 V
Power Consumption	6.7 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	22.8 BTU/Hr
Mean time between failures (MTBF)	152.6 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	(32) DB9M*
Software Interfaces	RS-232/422/485
Baud Rate	300 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
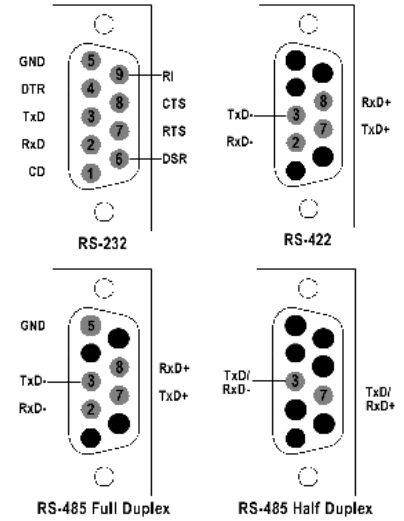 IEC 1000-4-11/EN61000-4-11: Dip and Voltage
Safety
  IEC 60950/EN60950 (LISTED)
   CSA C22.2 No. 60950/UL60950 Third Edition
Other
  RoHS2 Compliant

Regulatory Approvals

PINOUTS

RS-232

RS-422

RS-485 Full Duplex

RS-485 Half Duplex

*Card and interface together