ROCKETPORT® INFINITY Quadcable DB9

Part Number: 30005-2

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 921Kbps

- RoHS2 compliant under CE

PRODUCT DESCRIPTION

Flexible, reliable and high-speed serial port expansion.

This RocketPort INFINITY quadcable product delivers four-ports of additional inserver serial connectivity via a fan-out DB9 quadcable. 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 Comtrol Unity ASIC technology that takes full advantage of the 66 MHz BUS speed available on PCI-X servers.

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)
  10.4 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
  (4) DB9M
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
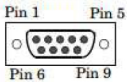Easy Setup
5 Year Warranty

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
    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

SERIAL PINOUTS

DB9 Male Connector Signals
Pin 1   Pin 5
Pin 6   Pin 9

Pin	RS-232	RS-422	RS-485 (Full-Duplex)	RS-485 (Half-Duplex)
1	DCD	Not used	Not used	Not used
2	RxD	RxD-	RxD-	Not used
3	TxD	TxD-	TxD-	TRxD-
4	DTR	Not used	Not used	Not used
5	Gnd	Not used†	Not used†	Not used†
6	DSR	Not used	Not used	Not used
7	RTS	TxD+	TxD+	TRxD+
8	CTS	RxD+	RxD+	Not used
9	RI	Not used	Not Used	Not Used

† Pin 5 is tied to ground on the board, but is not used in the cable.

COMTROL
Pepperl+Fuchs