

RocketPort® INFINITY Octacable DB9

Part Number: 30000-7



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



HARDWARE

Maximum Cards/System

Bus Interface Specification

PCI or PCI-X

Interupts Used

None or One Product Weight (w/ cables)

17.9 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

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) 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



SERIAL PINOUTS

DB9 Male Connector Signals Pin 5

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



Warranty Information

Comtrol 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

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