



RocketPort® INFINITY Quadcable DB25

Part Number: 30006-g

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 quadcable product delivers four-ports of additional inserver serial connectivity via a fan-out DB25 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 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)
12.9 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
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) DB25M

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 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



SERIAL PINOUTS

DB25 Male Connector Signals (Quad/Octacables)				
Pin	RS-232	RS-422	RS-485 (Full-Duplex)	RS-485 (Half-Duplex)
1	Not used	Not used	Not used	Not used
2	TxD	TxD-	TxD-	TRxD-
3	RxD	RxD-	RxD-	Not used
4	RTS	TxD+	TxD+	TRxD+
5	CTS	RxD+	RxD+	Not used
6	DSR	Not used	Not used	Not used
7	Gnd	Not used†	Not used†	Not used†
8	DCD	Not used	Not used	Not used
9 to 19	Not used	Not used	Not used	Not used
20	DTR	Not used	Not used	Not used
21	Not used	Not used	Not used	Not used
22	RI	Not used	Not used	Not used
23-25	Not used	Not used	Not used	Not used

† Pin 7 is tied to ground on the board, but is not used in the cable.



Warranty Information

Control offers a 30-day satisfaction guarantee and 5-year limited warranty.

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Technical Support

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