

## 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)				
<div>Pin 1Pin 13 Pin 14Pin 25</div>				
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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