



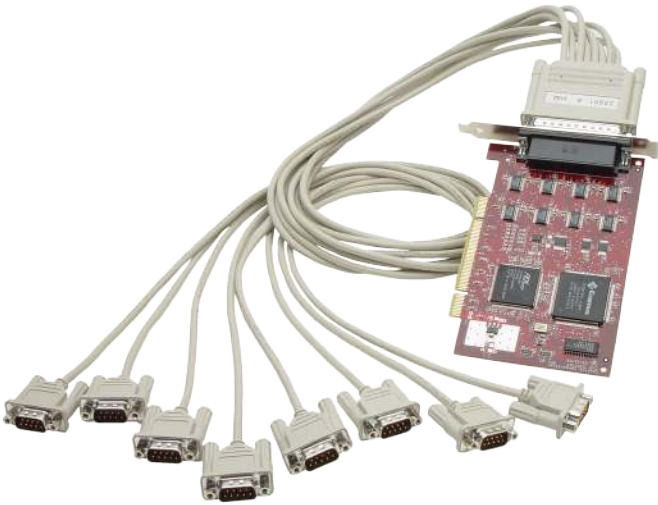
RocketPort® uPCI Octacable DB9

Part Number: 99342-1

ROCKETPORT

KEY FEATURES AND BENEFITS

- Universal PCI design supporting 3.3 and 5.0 Volt bus architectures — ensures compatibility with all current PCI bus architectures
- I/O mapping capabilities —simplifies installation, eliminates memory conflicts, and enables plug-and-play compatibility
- Multiport serial expansion using a single slot— DB9 fan-out octacable provides cost-effective, compact and flexible serial connections
- On-board dedicated 36MHz RISC processor—minimizes “host” CPU utilization
- RS-232 communications support—enables transmit-and-receive speeds up to 460 Kbps
- Transmit buffers 16 times larger, and receive buffers 64 times larger than a 16550 UART—helps ensure smooth, efficient data transfer
- Robust driver support—enables card to work seamlessly with popular operating systems
- RoHS2 compliant under CE



PRODUCT DESCRIPTION

The RocketPort uPCI Octa/DB9 serial port expansion card is compatible with all current 3.3 and 5.0 Volt PCI bus architectures. It provides eight “native” serial ports utilizing a single 32- or 64-bit PCI card slot. The serial ports with DB9 connectors support RS-232 serial communications at speeds up to 460 Kbps. RocketPort products are designed with larger transmit-and-receive buffers than those available in a standard 16550 UART found in standard PC serial ports and low-end serial cards, enabling them to handle the

transmission of large amounts of data reliably and efficiently.

They also utilize an on-board 36MHz processor, minimizing host CPU utilization. RocketPort products do not require the assignment of interrupts, simplifying installation and eliminating conflicts with other server cards. Drivers are available for popular operating systems. The product is fully RoHS 2 compliant under CE.



connect. communicate. control.

ROCKETPORT SPECIFICATIONS

HARDWARE

Maximum Cards/System	4
Product Weight	0.2 lbs
Packaged Shipping Weight	2.20 lbs

ELECTRICAL SPECIFICATIONS

Device Requirements	+5V 294mA
Device Consumption	4.26 Watts
Surge Protection	15KV @ 200A for 1ns

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0 to 45°C
Storage Temperature	-20 to 85°C
Humidity Non-condensing	
Operating Humidity	20% to 80%
Altitude	0 to 10,000 Ft
Heat Output	5.1 BTU/Hr

Mean time between failures	25.6 Years
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DEVICE DRIVERS

- QNX 6.X
- QNX 4.X
- SCO OpenServer 5
- Free BSD 4
- Free BSD 5
- 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

Bus Interface	3.3 or 5.0 Volt PCI
Serial Interfaces	RS-232
Baud Rates	300 to 460Kbps
Connector Type	(8) DB9 Male
Data Bits	7 or 8
Parity	Odd, Even, None
Stop Bits	1 or 2
Flow Control	Hardware/Software

EXPORT INFORMATION

Packaged Shipping Weight	2.2 lbs
UPC Code	1.0 kg
Package Dimensions	7-56727-99342-1
ECCN	16.25" x 3.25" x 9.5"
SCHEDULE B	EAR99
	8471.80.1000

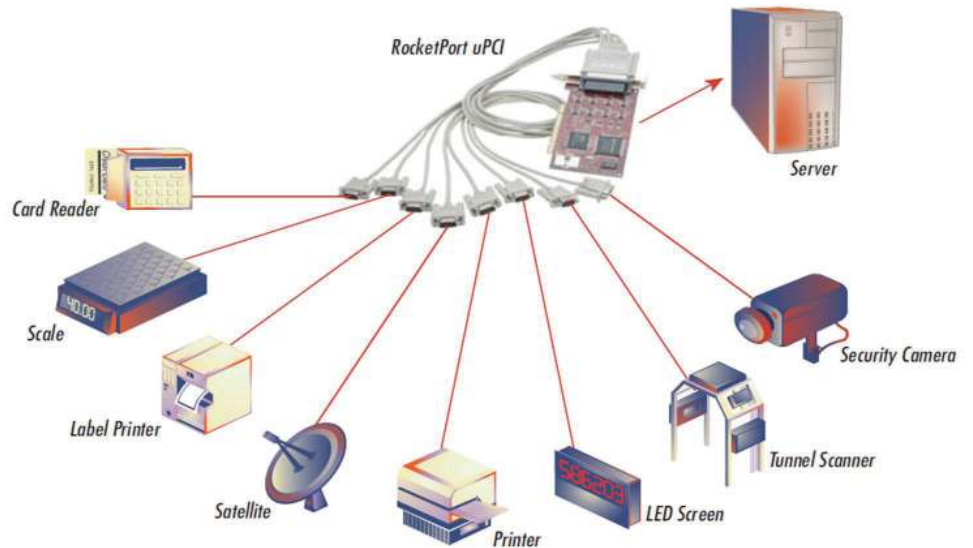
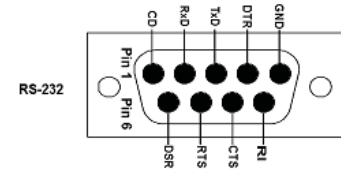
REGULATORY STANDARDS

- 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
- Emission**
- Canadian EMC Requirements ICES-003
 - European Standard EN55022
 - FCC Part 15 Subpart B: Class B limit
 - AS/NZS CISPR 22
- Safety**
- IEC 60950/EN60950
 - CSA C22.2 No. 60950/UL60950, Third Edition
 - European Standard: RoHS 2 compliant under CE
 - Country of Origin USA

REGULATORY APPROVALS



PINOUT DIAGRAMS



Warranty Information

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

Sales Support

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sales@comtrol.com

Technical Support

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