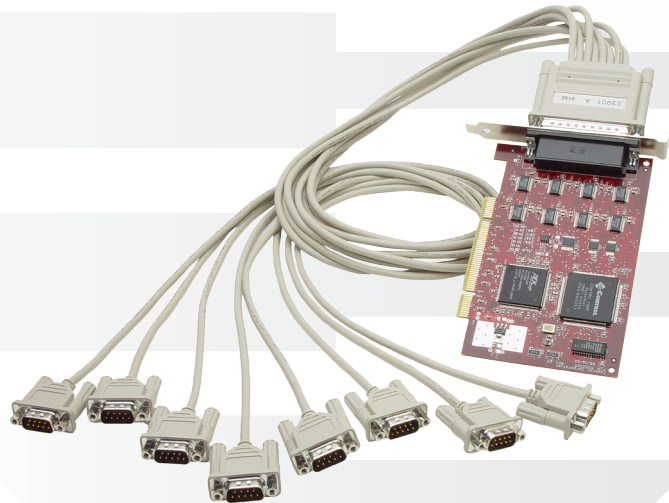




HIGHLIGHTS

- RoHS Directive 2002/95/EC compliant
- 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



Part Number
99342-1

RocketPort uPCI Octa DB9

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 compliant with the RoHS directive 2002/95/EC.



SPECIFICATIONS

HARDWARE

Product Weight	0.22 Lbs
Packaged Shipping Weight	2.20 Lbs
Maximum Cards/System	4
Surge Protection	15KV@200A for 1ns

ELECTRICAL SPECIFICATIONS

Device Requirements	+5V 294mA
Device Consumption	4.26 Watts

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0° to 45°C
Storage Temperature	-20° to 85°C
Relative Humidity	20% to 80%
Altitude	0 to 10,000 Ft
Heat Output	5.1 BTU/Hr
MTBF	25.6 Yrs

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 5.0V PCI
Serial Interfaces	RS-232
Baud Rates	300 to 460.8 Kbps
Serial Connectors	(8) DB9 Male
Data Bits	7 or 8
Parity	Odd, Even, None
Stop Bits	1 or 2
Flow Control	Hardware/Software

REGULATORY APPROVAL MARKS

FCC Part 15 Subpart B Class B, Canadian EMC Requirements



REGULATORY STANDARDS

Immunity

EMC Directive 89/336/EEC,
EN55024, IEC1000-4-2, IEC 1000-4-3, IEC 1000-4-4,
IEC 1000-4-5, IEC 1000-4-6, IEC 1000-4-8,
IEC 1000-4-11

Emission

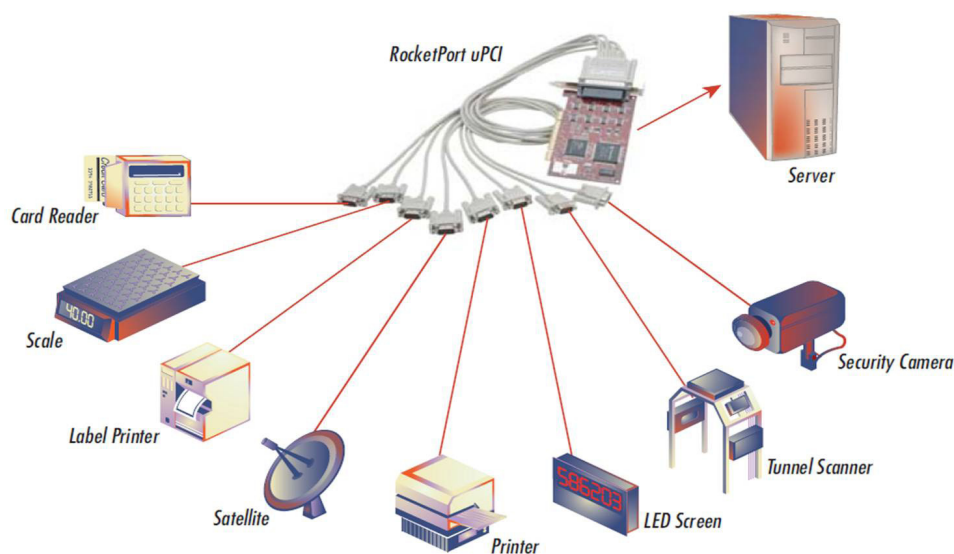
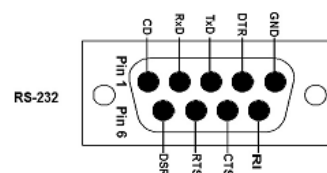
ICES-003, CISPR-22/EN55022

Safety

UL/CUL 6095



DB9 Serial Connector Pin Assignments



RocketPort uPCI Connectivity

ORDERING INFORMATION

99342-1 RocketPort uPCI Octa DB9

PRODUCT SUPPORT & SERVICE INFORMATION

Warranty Information

Control 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

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