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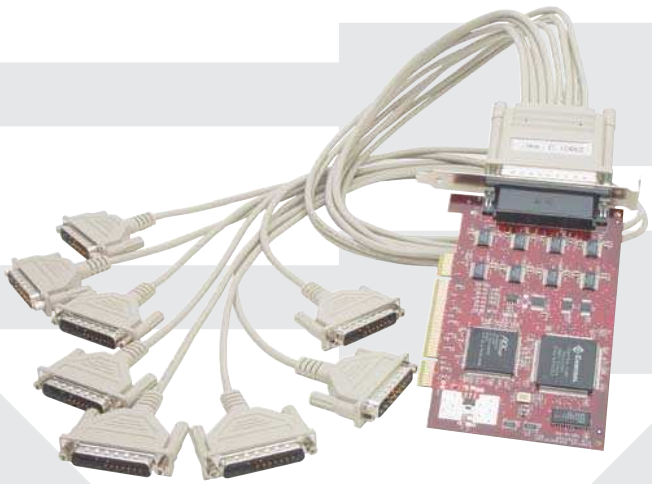
ROCKETPORT® UNIVERSAL PCI
MULTIPORT SERIAL CARDS

HIGHLIGHTS

- RoHS Directive 2002/95/EC compliant
- Universal PCI design supporting 3.3 and 5.0 Volt PCI 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—DB25 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 system



Part Number
993445

RocketPort uPCI Octa DB25

The RocketPort uPCI Octa/DB25 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 DB25 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.

COMTROL®

SPECIFICATIONS

HARDWARE

Product Weight	0.23 Lbs
Packaged Shipping Weight	2.80 Lbs
Maximum Cards/System	4
Surge Protection	15KV @ 200A for 1n

ELECTRICAL SPECIFICATIONS

Device Requirements	+5V 294mA
Device Consumption	4.26 Watt

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 Yr

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) DB25 Male
Data Bits	7 or 8
Parity	Odd, Even, None
Stop Bits	1 or 2
Flow Control	Hardware/Software

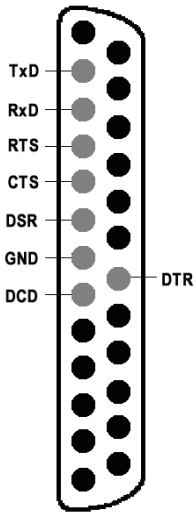
REGULATORY APPROVAL MARKS

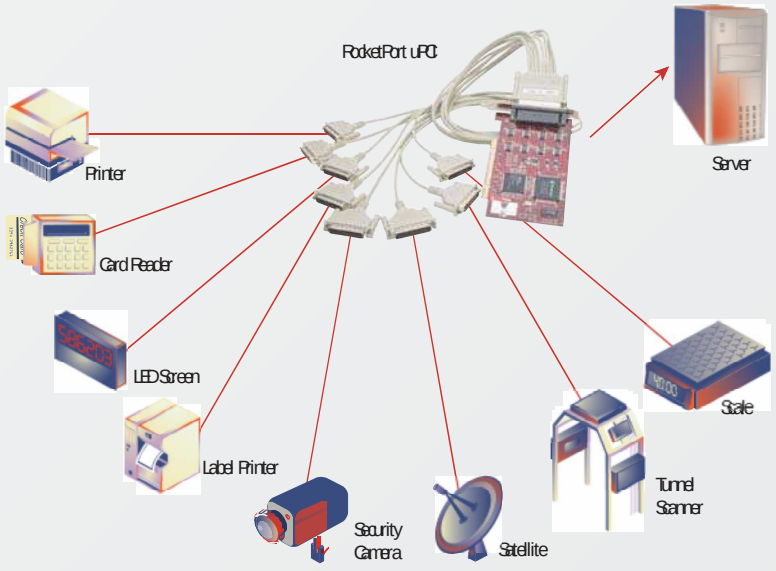
CE Mark, C-Tick, UL & CUL Recognized,
FCC Part 15 Subpart B Class B,
Canadian EMC Requirements, RoHS
2002/95/E

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

DB25M Serial Pinout Assignments





RocketPort uPCI Connectivity

ORDERING INFORMATION

99344-5 RocketPort uPCI Octa DB25

PRODUCT SUPPORT & SERVICE INFORMATION

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
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