



RocketPort® uPCI Quad DB25

Part Number: 99343-8



ROCKETPORT

KEY FEATURES AND BENEFITS

- 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 quad cable 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
- RoHS2 compliant under CE

PRODUCT DESCRIPTION

The RocketPort uPCI Quad/DB25 serial port expansion card is compatible with all current 3.3 and 5.0 Volt PCI bus architectures. It provides four “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 commonly found in lower-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	0.22 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	3.8 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	(4) DB25 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
	1.0 kg
UPC Code	7-56727-99343-8
Package Dimensions	16.25" x 3.25" x 9.5"
ECCN	EAR99
Schedule B	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

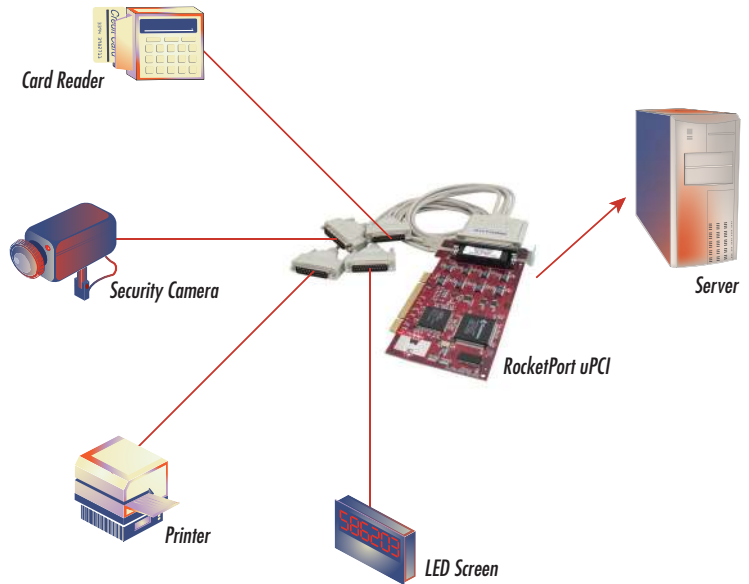
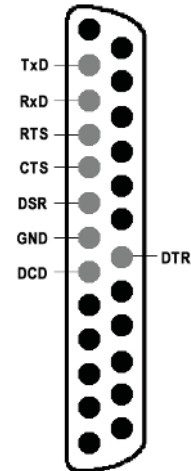
Emission
 Canadian EMC Requirements ICES-003
 European Standard EN55022
 FCC Part 15 Subpart B: Class B limit
 AS/NZS CISPR 22

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

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

PINOUT DIAGRAMS



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
 www.comtrol.com/
 support

Email, FTP, and Web Support

info@comtrol.com
 ftp.comtrol.com
 www.comtrol.com