



## RocketPort® uPCI 8-Port Low Profile

Part Number: 99365-0



### 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
- RS-232, RS-422 and surge protected DB25 Interfaces available - delivers more options and enhanced capability
- Half-height design - allows installation in standard or low-profile servers
- On-board dedicated 36MHz RISC processor - minimizes "host" CPU utilization
- RS-232 or RS-422 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 8-Port Low Profile serial port expansion card is compatible with all current 3.3 and 5.0 Volt PCI bus architectures. It's half-height design enables it to be used in both standard or low profile servers. It provides eight "native" serial ports utilizing a single 32- or 64- bit PCI card slot. Several external serial interface modules are available sold separately that support RS-232 or RS-422 serial communications at speeds up to 230 Kbps. Individual serial ports on the same interface can be configured for either RS-232 or RS-422 communication. External interfaces with additional surge protection are also available.

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.



## ROCKETPORT SPECIFICATIONS

### HARDWARE

Maximum Cards/System	4
Product Weight	0.15 lbs
Packaged Shipping Weight	1.15 lbs

### ELECTRICAL SPECIFICATIONS

Surge Protection	Depends on interface
Device Requirements	+5KV 224mA
Device Consumption	Depends on interface

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0 to 45°C
Storage Temperature	-20 to 85°C
Operating Humidity (Non-condensing)	20% to 80%
Altitude	0 to 10,000 Ft
Heat Output	14.99 BTU/Hr

Mean time between failures	32.1 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/RS-422
Baud Rates	300 to 230.4Kbps
Serial Connectors	Depends on interface
Data Bits	7 or 8
Parity	Odd, Even, None
Stop Bits	1 or 2
Flow Control	Hardware/Software

### EXPORT INFORMATION

UPC Code	7-56727-99365-0
Packaged Shipping Weight	1.25 lbs 0.57 kg
Package Dimensions	10.25" x 2.6" x 7.5" 260.4 x 66 x 190.5 mm
ECCN	EAR99
Schedule B	8471.80.1000

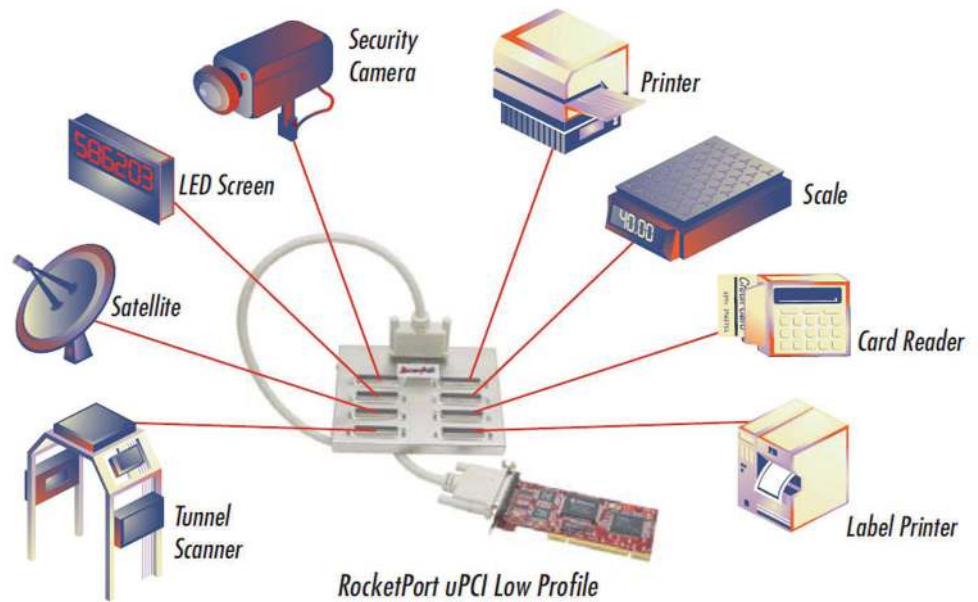
### REGULATORY STANDARDS

**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



### 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

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support

### Email, FTP, and Web Support

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