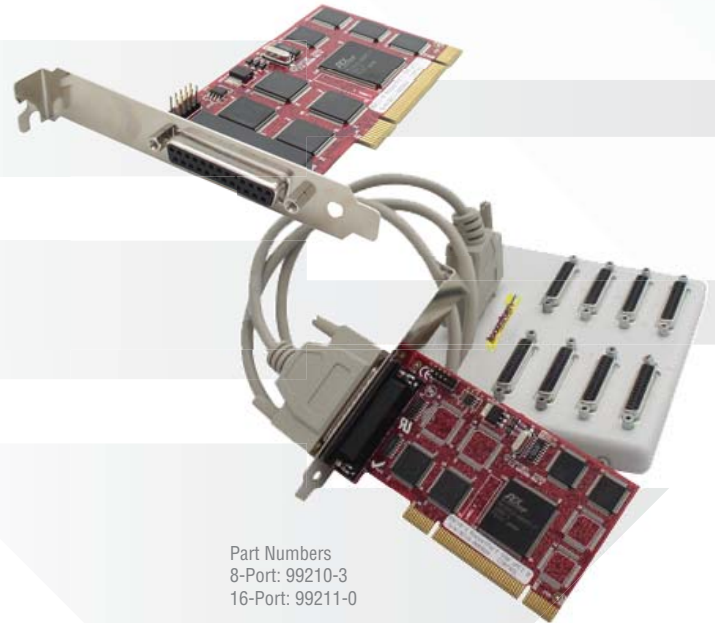




## HIGHLIGHTS

- RoHS Directive 2002/95/EC compliant
- Flexible low-profile or standard height form factor
- Easy installation, no jumpers or switch settings required
- Integrate with any standard or custom application easily
- Eliminate support costs - proven reliability
- Deliver superior connectivity solutions at an affordable cost
- Robust operating system support
- Enhanced 16550 UARTs capable of the highest data rates
- DOS sample code for upgrading legacy applications from outdated 16550 ISA cards to RocketPort 550 uPCI serial cards
- Supports 3.3 and 5.0 Volt PCI bus architectures, ensuring compatibility regardless of the host environment



Part Numbers  
8-Port: 99210-3  
16-Port: 99211-0

## RocketPort 550 uPCI 8-Port & 16-Port

When you find that you have more serial devices than ports, RocketPort 550 offers a quick, cost-effective solution. Each RocketPort 550 card adds 8 to 16 “native” COM ports to your PC or rackmount server using only a single PCI slot. The Control RocketPort 550 family of multiport cards makes serial connectivity more powerful, reliable, easier to use. RocketPort 550 performance capabilities make it ideal for peripheral control applications such as data acquisition, point-of-sale, and factory-floor automation, as well as remote network access and Internet access.

The RocketPort 550 family delivers traditional RocketPort performance and reliability in a 16550 UART-based serial card, for seamless integration with your off-the-shelf or custom software programs. By utilizing a state-of-the-art serial I/O ASIC, the RocketPort 550 provides an affordable serial expansion solution that delivers the highest performance and reliability through industry-standard 16550 UART technology. The product is fully compliant with the RoHS directive 2002/95/EC.



## SPECIFICATIONS

### HARDWARE

<b>Product Weight</b>	0.3 Lbs (without cable)
<b>Product Dimensions (wxh)</b>	6.3" x 4.0"
<b>Packaged Shipping Weight</b>	1.96 Lbs
<b>Maximum Cards/System</b>	4

### ELECTRICAL SPECIFICATIONS

<b>Current Consumption</b>	+5V 270mA
<b>Power Consumption</b>	1.35 W
<b>Surge Protection</b>	25KV @ 200A for 1ns

### ENVIRONMENTAL SPECIFICATIONS

<b>Operating Temperature</b>	0° to 45°C
<b>Storage Temperature</b>	-20° to 85°C
<b>Humidity (Non-Condensing)</b>	
Operating Humidity	20% to 80%
Storage Humidity	8% to 80%
<b>Altitude</b>	0 to 10,000 Ft
<b>Heat Output</b>	4.61 BTU/Hr
<b>Mean time between failures</b>	39.8 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

<b>Number of Ports</b>	8 or 16
<b>Bus Interface</b>	3.3 or 5.0V PCI
<b>Form Factor</b>	Low-Profile or Standard
<b>Onboard Processor</b>	44Mhz
<b>Interrupts Used</b>	None or One
<b>Serial Interfaces</b>	RS-232/RS-422
<b>Baud Rates</b>	50 to 230.4Kbps*
Receive Buffer Size	1,024 Bytes
Transmit Buffer Size	256 Bytes

<b>Data Bits</b>	5, 6, 7 or 8
<b>Parity</b>	Odd, Even, None, Mark or Space
<b>Stop Bits</b>	1, 1.5 or 2

### REGULATORY APPROVAL MARKS



### REGULATORY STANDARDS

#### Immunity

IEC1000-4-2/EN61000-4-2: ESD  
IEC1000-4-3/EN61000-4-3: RF  
IEC1000-4-4/EN61000-4-4: Fast Transient  
IEC1000-4-5/EN61000-4-5: Surge  
IEC1000-4-6/EN61000-4-6: Conducted Disturbance  
IEC1000-4-8/EN61000-4-8: Magnetic Field  
IEC1000-4-11/EN61000-4-11: Dip and Voltage

#### Emission

EN55022, Amendment A1  
IEC1000-3-2/EN61000-3-2: Harmonic  
IEC1000-3-3/EN61000-3-3: Flicker  
ICES-003  
CISPR-22  
AS/NZS-3584

#### Safety

IEC 60950/EN60950



\* Baud rate is dependent on hardware and operating system configuration. Visit Control's Web site at [www.control.com](http://www.control.com) for more detailed individual model specifications such as power consumption, heat output, and mean time between failures.

### ORDERING INFORMATION

99210-3	RocketPort 550 uPCI 8-Port (requires interface)
99211-0	RocketPort 550 uPCI16-Port (requires interface)

### 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@control.com

#### Technical Support

+1.763.957.6000  
www.control.com/support

#### Email, FTP, and Web Support

info@control.com  
ftp.control.com  
www.control.com