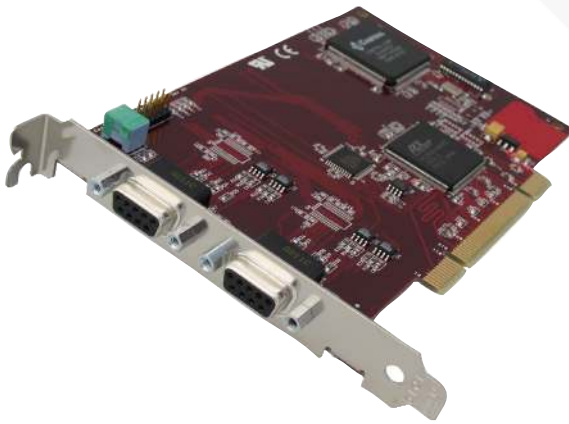




RocketPort® uPCI 2-Port SMPTE Card

Part Number: 99330-8
Part Number: 99404-6 (Bulk)



KEY FEATURES AND BENEFITS

- Universal PCI design supporting 3.3 and 5.0 Volt PCI bus architectures
- I/O mapping capabilities
- Multi-port serial expansion using a single slot
- On-board dedicated 44MHz RISC processor
- RS-422 communications support
- Edge-mounted serial ports
- Complies with the SMPTE 207M standard
- Transmit buffer 16 times larger, and receive buffers 64 times larger than a 16550 UART
- Robust driver support

PRODUCT DESCRIPTION

The Control RocketPort Plus uPCI 422 2-Port SMPTE serial port expansion card provides two serial ports utilizing a single 32- or 64-bit PCI card slot and is compatible with all current 3.3 and 5.0 Volt PCI bus architectures. The DB9 serial ports meet the SMPTE 207M standard and support RS-422 serial communications at speeds up to 921 Kbps.

Every RocketPort serial card features the high-performance RocketPort ASIC chip, consisting of a dedicated 44MHz processor that minimizes host CPU utilization and larger transmit-and-receive buffers than those of 16550 UART chips

used in standard PC serial ports and low-end serial cards. RocketPort ASIC technology enables these cards to outperform other serial expansion cards by handling the transmission of large amounts of data more reliably and efficiently.

Additionally, RocketPort products do not require the assignment of interrupts, simplifying installation and eliminating conflicts with other server cards. This product is fully compliant with the European RoHS Directive 2002/95/EC.



ROCKETPORT SPECIFICATIONS

HARDWARE

Maximum Cards/System	4
Bus Interface Specification	3.3 or 5.0 Volt PCI
Onboard Processor Speed	44MHz
Interrupts Used	None or One
Board Dimensions	4.7" x 2.6"
Product Weight	3.9 oz

ELECTRICAL SPECIFICATIONS

Current Consumption	+5V or 190mA
Power Consumption	0.95 W

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0 to 45°C
Storage Temperature	-20 to 85°C
Humidity (Non-Condensing)	
Operating Humidity	20% to 80%
Storage Humidity	8% to 80%
Altitude	0 to 10,000 Ft
Heat Output	3.24 BTU/Hr
Mean time between failures	77.6 Years
Surge Protection	25KV

DEVICE DRIVERS

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)
 QNX® 4.X
 QNX® 6.X
 SCO OpenServer 5
 FreeBSD 4
 FreeBSD 5

SERIAL COMMUNICATIONS

Number of Ports	2
Serial Interfaces	RS-422
Connector Type	DB9 Female
Baud Rates	300 to 921.6 Kbps
Receiver Buffer	1,024 bytes
Transmit Buffer	256 bytes
Data Bits	7, or 8
Parity	Odd, Even, None
Stop Bits	1 or 2

EXPORT INFORMATION

Package Shipping Weight	
Single	0.87 lbs
Bulk	1.8 lbs
Package Dimensions	
Single	9.25" x 2.5" x 7.25"
Bulk	25.5" x 8.75" x 16.25"
UPC Code	
Single	7-56727-99330-8
Bulk	7-56727-99404-6

REGULATORY APPROVAL MARKS

RoHS 2002/95/EC
 CE
 FCC
 UL/cUL
 C-Tick

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: 1997
 European Standard EN55022
 Amendment A1
 IEC 1000-3-2/EN61000-3-2
 IEC 1000-3-3/EN61000-3-3
 ICES-003
 CISPR 22: 1997
 AS/NZS-3548
 European Standard EN 55022: Amendment A1
 IEC1000-3-2/EN61000-3-2 Harmonic
 IEC1000-3-3/EN61000-3-3 Flicker
 FCC Part 15 Subpart B: Class B limit

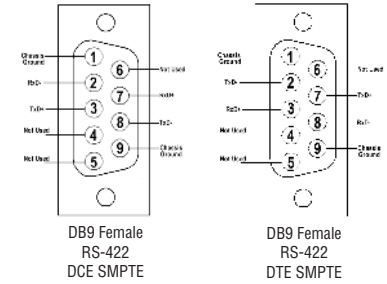
Safety

IEC 60950/EN60950
 CSA C22.2 No. 60950/UL60950, Third Edition
 European Standard: RoHS 2 compliant under CE

FEATURES

RoHS 2 compliant under CE
 Low-Profile or Standard Height
 Easy Setup
 5 Year Warranty

PIN ASSIGNMENT



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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 www.comtrol.com/
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Email, FTP, and Web Support

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