



RocketPort® EXPRESS 8-Port SMPTE Card

Part Number: 31320-5

ROCKETPORT

KEY FEATURES AND BENEFITS

- x1, x2, x4, x8, x12 or x16 lane PCIe connectivity
- Provides eight SMPTE 207M expansion ports
- Supports multiple Control SMPTE interface products for custom solutions
- DTE/DCE Selectable on each port
- PCI EXPRESS bus
- Robust operating system support
- Microsoft WHQL (Windows Hardware Quality Labs) compliant drivers
- Easy driver configuration



PRODUCT DESCRIPTION

Flexible, reliable and high-speed serial port expansion.

The RocketPort EXPRESS 8-Port SMPTE Card provides eight ports of in-server serial connectivity. It can be used in conjunction with the RocketPort EXPRESS SMPTE Octacable (31330-4), RocketPort EXPRESS 8-Port SMPTE Interface (31325-0) or the RocketPort EXPRESS 8-Port SMPTE Rackmount Interface (31315-5), providing a complete solution for all broadcast applications.

The RocketPort SMPTE Card provides the added flexibility to set the appropriate ports with the DIP switch to DCE or DTE RS-422 serial communications. It is designed for standard and low-profile PCs and servers.

The RocketPort EXPRESS 8-Port SMPTE Card provides

the equipment interface portion of an overall broadcast system, allowing interconnection of programmable and nonprogrammable control and accessory equipment. It allows rapid reconfiguration of a system utilizing up to eight pieces of equipment.

The SMPTE (Society of Motion Picture and Television Engineers) connections comply with the ANSI/SMPTE 207M-1997 Television –Digital Control Interface – Electrical and Mechanical Characteristics Standard. The RocketPort SMPTE product family supports the SMPTE interface system used for the transfer of data and digital control signals. This system allows the connection of production, post-production and/or data transmission equipment, such as video routers, servers, tape decks, keyboards, dimmer racks, video monitors, headphones and broadcast mixing consoles. See back page for a network diagram.



ROCKETPORT SPECIFICATIONS

HARDWARE

Board Dimensions	4.7" x 2.6"
Product Weight	3.9 oz

ELECTRICAL SPECIFICATIONS

Current Consumption	3.3VDC or 700mA
Power Consumption	2.4 W
ESD Surge Protection	Minimum of 15KV for all serial lines

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0 to 60°C
Storage Temperature	-20 to 85°C
Operating Humidity	5% to 95%
NonCondensing	
Altitude	0 to 10,000 Ft
Heat Output	8.2 BTU/Hr
Mean time between failures	32.0 Years

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)
 FreeBSD 5
 FreeBSD 6
 QNX 6
 SCO OpenServer 5
 SCO OpenServer 6

SERIAL COMMUNICATIONS

Connector Type	N/A (Requires External Interface or Cable)
Supported Standards	SMPTE 207M
Baud Rates	300 to 921.6 Kbps
Receiver Buffer	512 bytes
Transmit Buffer	512 bytes
Data Bits	5, 6, 7, or 8
Parity	Odd, Even, None
Stop Bits	1, 1.5, or 2

EXPORT INFORMATION

Packaged Shipping Weight	0.85 lbs
Package Dimensions	9.19" x 7.25" x 2.5"
UPC Code	7-56727-31320-5
ECCN	EAR99
Schedule B Number	8471.80.1000

REGULATORY APPROVAL MARKS



REGULATORY STANDARDS

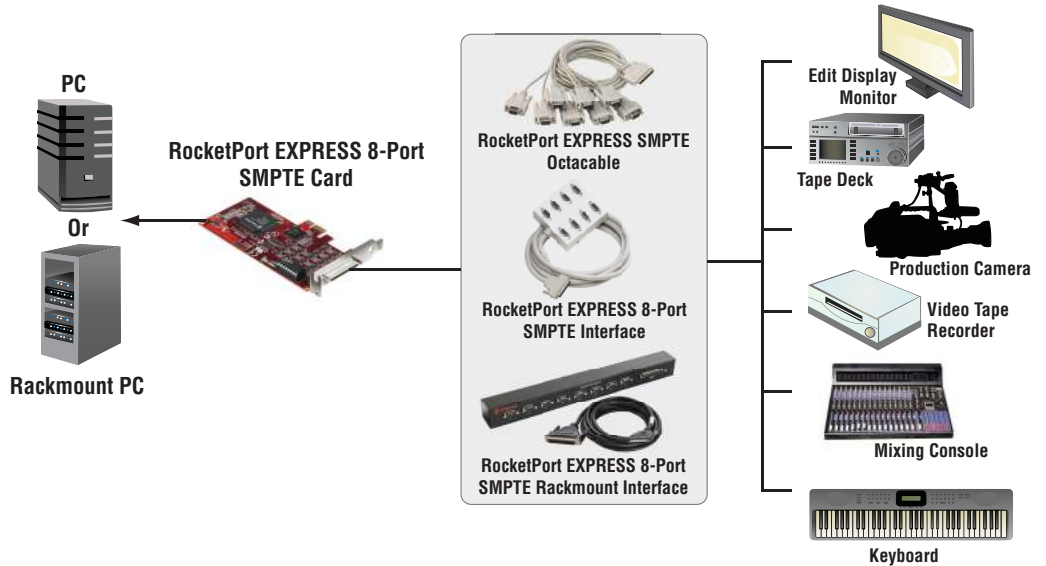
Immunity
 European Standard EN55024
 IEC 1000-4-2/EN61000-4-2: ESD
 IEC 1000-4-3/EN61000-4-3: RF
 IEC 1000-4-4/EN61000-4-4: Fast Transient
 IEC 1000-4-5/EN61000-4-5: Surge
 IEC 1000-4-6/EN61000-4-6: Conducted Disturbance
 IEC 1000-4-8/EN61000-4-8: Magnetic Field
 IEC 1000-4-11/EN61000-4-11: Dip and Voltage

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

FEATURES

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



Warranty Information

Comtrol offers a 30-day satisfaction guarantee and 5-year limited warranty.

Sales Support

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 sales@comtrol.com

Technical Support

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Email, FTP, and Web Support

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