RocketPort® EXPRESS 8-Port SMPTE Card
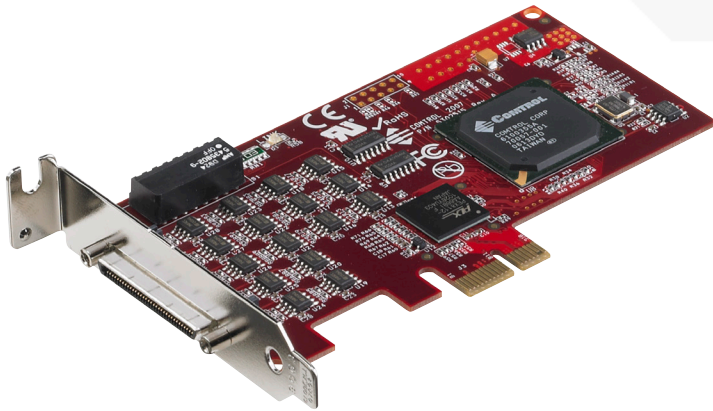
Part Number: 31320-5

KEY FEATURES AND BENEFITS

- x1, x2, x4, x8, x12 or x16 lane PCIe connectivity

- Provides eight SMPTE 207M expansion ports

- Supports multiple Comtrol 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 configurationE

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.

MADE IN USA

connect. communicate. control.

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	
NonCondensing	5% to 95%
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

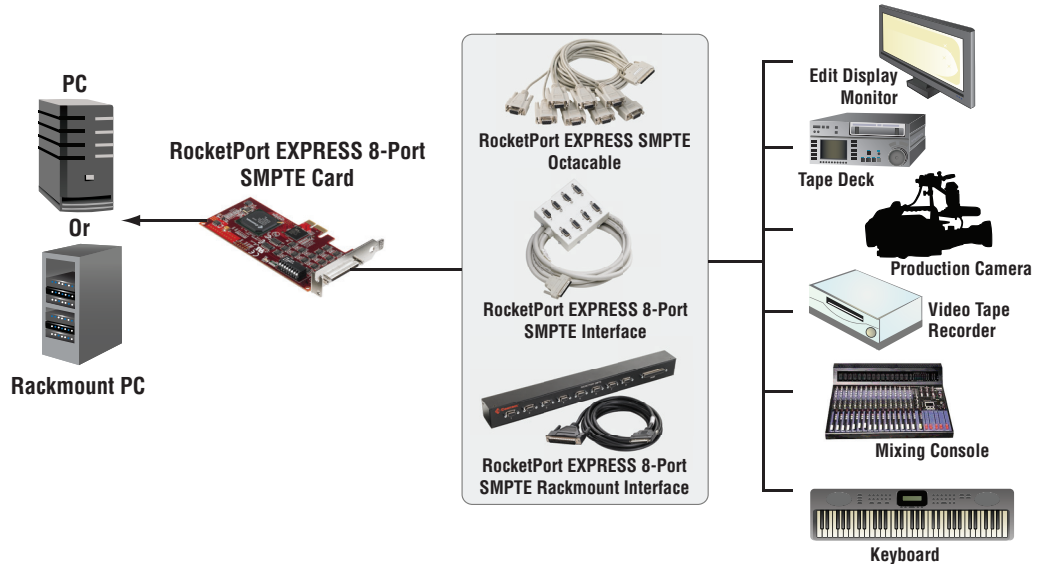CE FC ✓RoHS C c UL us

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

PC

Or

Rackmount PC

RocketPort EXPRESS 8-Port SMPTE Card

RocketPort EXPRESS SMPTE Octacable

RocketPort EXPRESS 8-Port SMPTE Interface

RocketPort EXPRESS 8-Port SMPTE Rackmount Interface

Edit Display Monitor

Tape Deck

Production Camera

Video Tape Recorder

Mixing Console

Keyboard

COMTROL®