

Specifications

XTP II CrossPoint® 3200 Enclosure

TRUE 8K specification

Max. 8K Capabilities			
Resolution	Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
7680x4320	60 Hz	4:2:0	10 bit
	30 Hz	4:4:4	
Max. 4K Capabilities			
Resolution	Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
4096x2160	60 Hz	4:4:4	12 bit
3840x2160			
3840x2160	120 Hz		10 bit

Frame rate 24, 25, 30, 50, 60, 120, 144, or 240 fps
 Chroma sampling..... 4:4:4, 4:2:2, or 4:2:0
 Color bit depth..... 8, 10, 12, or 16 bits per color
 Backplane throughput..... 50 Gbps per input and output

NOTE: Use our calculator at www.extron.com/8Kdata rate to determine video parameters supported by this data rate.

AV routing capabilities

Number of input slots..... 8
 Input video signal format..... HDMI, DVI, 3G-SDI, 12G-SDI, RGBHV, RGBS, RGsB, RsGsBs, YUV, S-video, composite video, XTP twisted pair, XTP fiber
 Input audio signal format PCM up to 8 ch, Dolby Atmos®, Dolby® TrueHD, Dolby Digital Plus™, Dolby Digital EX, Dolby Digital, DTS-HD Master Audio™, DTS-HD High Res, DTS 96/24, DTS-ES®, DTS, analog stereo
 Number of output slots 8
 Output video signal format..... HDMI, DVI, XTP twisted pair, XTP fiber
 Output audio signal format PCM up to 8 ch, Dolby Atmos, Dolby TrueHD, Dolby Digital Plus, Dolby Digital EX, Dolby Digital, DTS-HD Master Audio, DTS-HD High Res, DTS 96/24, DTS-ES, DTS, analog stereo
 Backplane
 Switcher 32x32 matrix
 Maximum throughput 50 Gbps

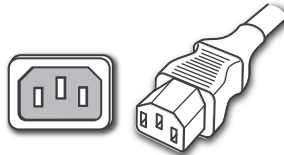
Communications – switcher host ports

NOTE: The front panel USB port and rear panel RS-232 port are independent of each other and can be used at the same time.

Serial host control port.....	1 bidirectional RS-232 or RS-422, rear panel female 9-pin D connector
Baud rate and protocol	9600 (default) to 115200 baud, 8 data bits, 1 stop bit, no parity, no flow control
Serial control pin configurations	
RS-232	2 = Tx, 3 = Rx, 5 = GND
RS-422	2 = Tx-, 3 = Rx-, 5 = GND, 7 = Rx+, 8 = Tx+
USB control port.....	1 front panel female mini USB B
USB standards	USB 2.0, low speed
Ethernet control port.....	1 female RJ-45
Ethernet data rate (for network communication).....	10/100Base-T, half/full duplex with autodetect
Ethernet protocol	ARP, ICMP (ping), IP, TCP, DHCP, HTTP, SMTP, Telnet
Ethernet default settings	Link speed and duplex level = autodetected IP address = 192.168.254.254 Subnet mask = 255.255.0.0 Default gateway = 0.0.0.0 DHCP = off
Web server	Up to 200 simultaneous sessions 7.0 MB nonvolatile user memory
Program control.....	Extron XTP System Configuration Software for Windows® Extron Simple Instruction Set (SIS™) Microsoft® Internet Explorer® ver. 6 or higher, Telnet

General

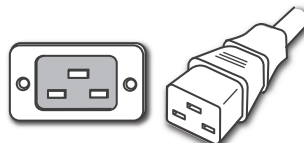
Power	
60-1546-01.....	Internal (IEC 60320 C14 inlet) Input: 100-240 VAC, 50-60 Hz



Redundant power supply is standard

60-1981-01.....	Internal (IEC 60320 C20 inlet) North America: Input: 120 VAC, 50-60 Hz, 20A Input: 240 VAC, 50-60 Hz, 15A
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Other regions:
Input: 100-120 VAC, 50-60 Hz, minimum **15A**
Input: 200-240 VAC, 50-60 Hz, minimum **7A**



Redundant power supply is standard.

Power consumption	
60-1546-01	102 to 1,185 watts, depending on the configuration
115 VAC, 60 Hz.....	116 watts (no load) 170 watts (4 load boards installed)
240 VAC, 50 Hz.....	102 watts (no load) 167 watts (4 load boards installed)
60-1981-01	92 to 1,275 watts, depending on the configuration
115 VAC, 60 Hz.....	97 watts
240 VAC, 50 Hz.....	92 watts
Remote power capability.....	Supports up to 24 XTP twisted pair endpoints
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling	Fan, right to left (as viewed from front panel)
Thermal dissipation	
60-1546-01	348 to 4,043 BTU/hr, depending on the configuration
60-1981-01	314 to 4,350 BTU/hr, depending on the configuration
Mounting	
Rack mount.....	Yes
Enclosure type	Metal
Enclosure dimensions	17.5" H x 17.0" W x 17.5" D (10U high, full rack wide) (44.5 cm H x 43.2 cm W x 44.5 cm D) (Depth excludes connectors. Width excludes rack ears.)
Product weight with boards installed	
.....	64.0 lbs (29 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety	CE, c-UL, UL
EMI/EMC.....	CE, C-tick, FCC Class A, ICES, VCCI, KC
Environmental.....	Complies with the appropriate requirements of RoHS, WEEE.
Product warranty	3 years parts and labor
Everlast power supply warranty.....	7 years parts and labor

NOTE: All nominal levels are at ±10%.

NOTE: Specifications are subject to change without notice.

NOTE: Shipping weights and dimensions are available at www.extron.com.

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