

# Specifications

## XTP CrossPoint® 1600 Enclosure

### TRUE 4K specification

Max. 4K Capabilities		
Resolution and Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
4096 x 2160 at 30 Hz	4:4:4	10 bit
3840 x 2160 at 30 Hz		
4096 x 2160 at 60 Hz	4:2:0	
3840 x 2160 at 60 Hz		

Frame rate ..... 24, 25, 30, 50, or 60 fps  
 Chroma sampling..... 4:4:4, 4:2:2, or 4:2:0  
 Color bit depth..... 8 or 10 bits per color  
 Backplane throughput..... 15.2 Gbps per input and output

**NOTE:** <sup>1</sup>Subject to the maximum data rate limit. Use our calculator at [www.extron.com/4Kdata](http://www.extron.com/4Kdata) to determine video parameters supported by this data rate.

### AV routing capabilities

Number of input slots..... 4  
 Input video signal format..... HDMI, DVI, 3G-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 ..... 4  
 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 ..... 16x16 matrix  
 Maximum throughput ..... 15.2 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 .....	Internal Input: 100-240 VAC, 50-60 Hz Redundant power supply is standard.
Power consumption .....	29.6 to 637 watts, depending on the configuration
With primary power supply only	
115 VAC, 60 Hz .....	30.6 watts
240 VAC, 50 Hz .....	29.6 watts
With both primary and redundant power supplies	
115 VAC, 60 Hz .....	44.0 watts
240 VAC, 50 Hz .....	39.5 watts
Remote power capability .....	Supports up to 28 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 .....	101 to 2174 BTU/hr, depending on the configuration
Mounting	
Rack mount .....	Yes
Enclosure type .....	Metal
Enclosure dimensions .....	8.75" H x 17.0" W x 17.5" D (5U high, full rack wide) (22.2 cm H x 43.2 cm W x 44.5 cm D) (Depth excludes connectors. Width excludes rack ears.)
Product weight with boards installed	39.0 lbs (17.7 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, KCC
Environmental .....	Complies with the appropriate requirements of RoHS, WEEE.
Warranty .....	3 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](http://www.extron.com).

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