

BRIGHTSIGN XT5

THE PERFECT COMBINATION OF POWER AND PERFORMANCE

BrightSign XT5 future proofs deployments with confidence by delivering power, performance, and flexibility to create captivating experiences. This product line consists of three ultra-thin models, all capable of playing the highest quality video up to 8K resolution and running sophisticated HTML motion graphics with remarkable performance. XT5 offers the most extensive set of HDMI and connectivity ports. Its HDMI input option plays live TV or video from outside sources. Dual HDMI outputs can power two screens simultaneously for video walls or dual-screen signage applications. Streamline installations with Power over Ethernet (PoE+) and utilize a comprehensive set of I/Os for add-on devices and engagement. BrightSign XT5's versatility and power guarantees exceptional signage experiences for years to come.



FEATURES

- Delivers the highest quality video in resolutions from 1080p to brilliant 8K60p 10-bit video
- Supports dual 4K video decoding to drive two screens at once
- Runs highly responsive motion graphics at high frame rates
- Offers a comprehensive set of connectivity options
 - Power over Ethernet (POE+)
 - Dual USB, serial, GPIO, IR, digital/analog audio
 - HDMI Input for live TV
 - Dual HDMI 4K outputs
- Ultra-thin design with anodized aluminum enclosure
- Runs BrightSignOS™ delivering security, reliability & longevity

XT245



Standard I/O



XT1145

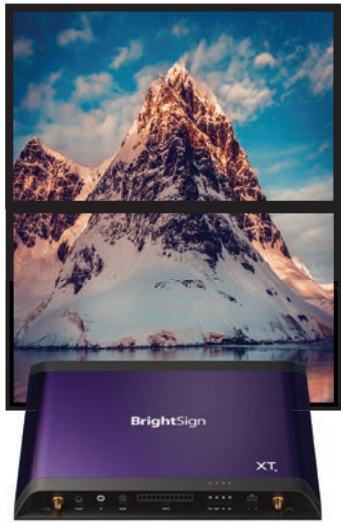


Expanded I/O

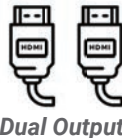


HDMI in

XT2145



Multiplex I/O



Dual Output

SPECIFICATIONS



MODEL	XT245 Standard I/O	XT1145 Expanded I/O	XT2145 Multiplex I/O
VIDEO & HTML5 ENGINES			
HTML5 performance level	Executive Runs powerful 3D WebGL motion graphics		
8K60p 10-bit video decoding	X	X	X
Single 4K60p 10-bit video decoding	X	X	X
Dual 4K video decoding			X
4K video rotation	X	X	X
Full HD video decoding	X	X	X
Dual Full HD video decoding	X	X	X
Full HD video rotation	X	X	X
Full HD images & graphics	X	X	X
MEDIA FORMATS			
8K video codecs: H.265	X	X	X
8K Video Containers: .ts, .mov, .mp4, .mkv	X	X	X
4K Video codecs: H.265 and H.264	X	X	X
4K Video Containers: .ts, .mov, .mp4, .mkv	X	X	X
Full HD Video Codecs: H.265, H.264 (MPEG-4, Part 10), MPEG-2	X	X	X
Full HD Video Containers: .ts, .mpg, .vob, .mov, .mp4, .m2ts	X	X	X
8K Video Resolutions: 7680x4320x23.97/24/25/29.97/30/50/59.94/60p	X	X	X
4K Video Resolutions: 4096x2160x23.97/24/25/29.97/30/50/59.94/60p	X	X	X
3840x2160x23.97/24/25/29.97/30/50/59.94/60p			
Full HD Resolutions: 1920x1080x23.97/24/25/29.97/30/50/59.94/60p	X	X	X
Supports additional & customizable resolutions: includes unique, non-standard aspect ratios at various frame rates	X	X	X
Images: BMP, JPEG, PNG	X	X	X
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	X	X	X
HTML5: .html, Chromium-based, CSS, JavaScript, WebGL	X	X	X
HARDWARE INTERFACES			
HDMI Outputs	1	1	2
HDMI 1 Output:	X (HDMI 2.1a)	X (HDMI 2.1a)	X (HDMI 2.1a)
HDMI 2 Output:			X (HDMI 2.0a)
HDMI In:		X (HDMI 2.0a)	X (HDMI 2.0a)
Ethernet	X (Gigabit with PoE+)	X (Gigabit with PoE+)	X (Gigabit with PoE+)
USB-A: provides 5V/1A power to peripheral devices		X	X

MODEL	XT245 Standard I/O	XT1145 Expanded I/O	XT2145 Multiplex I/O
USB-C: supports high-speed host mode & provides 5V/1A power to peripheral devices		X	X
GPIO: 12-pin Phoenix Connector with 8 bi-directional Ports	X	X	X
IR: 3.5mm In / Out	X	X	X
Serial: 3.5mm RS-232		X	X
Audio: 3.5mm Output (Analog or SPDIF)	X	X	X
Primary storage: External microSD card slot	X	X	X
Optional storage: M.2 PCIe Interface for NVME SSD Storage	X	X	X
Optional Wi-Fi/Bluetooth: E Key M.2 Interface for WD-105 module	X	X	X
Status LEDs	X	X	X
Reset & Service Buttons	X	X	X
Real Time Clock with 14-day life	X	X	X
Locking Power Connector	X	X	X
ACCESSORIES			
BP200 & BP900 USB Button Pads		X	X
MicroSD Class 10 Cards (various capacities)	X	X	X
WD-105 Dual Antenna Wireless/Bluetooth Module	X	X	X
BrightSign Mobile USB Modem		X	X
CBL-USBC to USB A and 3.5mm Serial		X	X
GP800-C: USB C to GPIO 12-pin Cable Kit		X	X
SOFTWARE & SERVICES			
BrightSign OS	X	X	X
Free BrightAuthor:connected or BrightAuthor software	X	X	X
Free Control Cloud	X	X	X
Subscription-based BSN.cloud	Optional	Optional	Optional
BrightSign Mobile Service	Optional		Optional
MISCELLANEOUS			
Anodized aluminum enclosure for extended operating temperatures	X	X	X
Dimensions (W x D x H)	238.62 x 185.90 x 19.19 mm		
Player weight	0.63 kg		
Power	12V / 3A		
Multi-Country Power & Regulatory Approvals	X	X	X
Built-in Wall Mounting Brackets	X	X	X
1 year warranty, parts and labor*	X	X	X

*2 year warranty, parts and labor, for units shipped from an EU or UK distribution center and to an EU or UK address.
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