BrightSign®

BRIGHTSIGN XT5

THE PERFECT COMBINATION OF POWER AND PERFORMANCE

BrightSign XT5 delivers power, performance, and flexibility to create captivating experiences with confidence. This product line consists of three ultra-thin models, all capable of delivering stunning 8K video and impressive HTML motion graphics performance. With a wide range of connectivity and HDMI options, each model offers extensive I/Os to accommodate various add-ons and engagement features. The HDMI input option plays live TV or video from outside sources, while the dual HDMI outputs allow for simultaneous display on two screens. The remarkable versatility, power, and performance of BrightSign XT5 guarantees an exceptional experience not only in the present but also for years to come.

FEATURES

- Plays brilliant 8K60p 10-bit video
- Provides dual 4K video decoding
- Supports responsive motion graphics at high frame rates
- Offers prime connectivity for interactive and dual screen applications
    - POE+, dual USB, serial, GPIO, IR, digital/analog audio
    - HDMI in for Live TV
    - Dual HDMI 4K outputs

- Ultra-thin design with anodized aluminum enclosure
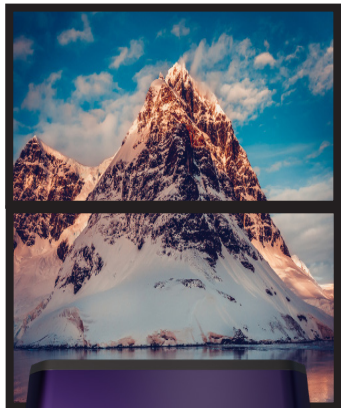- Runs BrightSignOS™ delivering security, reliability & longevity
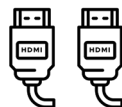
XT2145

XT245

XT1145

Standard I/O

8K ULTRA HD

Expanded I/O

HDMI in

Multiplex I/O

Dual Output

SPECIFICATIONS

BrightSign®

MODEL	XT245 Standard I/O	XT1145 Expanded I/O	XT2145 Multiplex I/O
VIDEO & HTML5 ENGINES			
HTML5 performance level	3D WebGL & real time data visualization	Intense graphics, video and live TV	Dual HTML presentations driving 2 screens
8K60p 10-bit video decoding	X	X	X
Single 4K60p 10-bit video decoding	X	X	X
Dual 4K video decoding	X	X	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: (HDCP support coming soon in a future BrightSignOS update)		X (HDMI 2.0a)	X (HDMI 2.0a)
Ethernet	X (Gigabit with PoE+)	X (Gigabit with PoE+)	X (Gigabit with PoE+)

MODEL	XT245 Standard I/O	XT1145 Expanded I/O	XT2145 Multiplex I/O
USB-A: provides 5V/1A power to peripheral devices		X	X
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 USBA and 3.5mm Serial		X	X
GP800-C: USB C to GPIO 12-pin Cable Kit		X	X
SOFTWARE & SERVICES			
BrightSignOS	X	X	X
Free BrightAuthor:connected or BrightAuthor software	X	X	X
Free Control Cloud Subscription	X	X	X
Optional BSN.cloud Paid Subscription	X	X	X
Optional BrightSign Mobile Service		X	X
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

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