BrightSign® XT5

Prime performance and endless innovation.

BrightSign XT5 elevates signage experiences and reliably replaces PCs with a perfect blend of motion graphics power, cutting-edge video performance, and connections that maximize efficiency to future-proof your investment.

Live TV Integrations

Seamlessly blend broadcasts into signage.

- Effortless live TV with an HDMI In
- Seamless integration of live video
- Simple input switching

Dual Screen Deployments

Efficient dual screen deployments.

- Simplified dual screen setups
- Flexible content per display
- Efficient slim design with PoE+

Realistic Visual Experiences

Stunning clarity and vivid colors.

- Stunning video up to 8K
- Vibrant colors in 10-bit HDR
- Crystal clear 4K graphics

Dynamic Dashboards

Powerful 3D data visualizations.

- Live 3D data visualizations
- Responsive multi-touch infographics
- Ultra-smooth animated dashboards

XT245

Standard I/O Package

Delivers robust 3D motion graphics in 4K and vibrant HDR video from Full HD to breathtaking 8K.

XT1145

Expanded I/O Package

Enables live video playback via an HDMI input and expands engagement options with USB and serial connections.

XT2145

Expanded Multiplex I/O Package

With an ultra-thin design, this device delivers robust 3D motion graphics in 4K, vibrant HDR video from Full HD to breathtaking 8K, and Power over Ethernet.

The BrightSign XT5 Advantage

- Reliably replace PCs with a sustainable platform that delivers prime performance and connectivity
- Attract attention with live video that easily integrates TV broadcasts and camera feeds into signage
- Simplify and save on 2-screen setups with a single player featuring dual outputs and powered over Ethernet
- Gain immediate insights into complex data trends with responsive and engaging live 3D visualizations
- Command attention with vivid Full HD to 8K video and crystal-clear 4K graphics
- Operate with unparalleled reliability, security, and sustainability on BrightSignOS™
- Reduce total cost of ownership with complimentary remote player management and controls
- Achieve CMS choice flexibility with a trusted global network of leading integrated partner solutions

BrightSignOS™
The power of purple.

The only purpose-built operating system that brings unrivaled reliability, security, signage power and sustainability to every BrightSign player.

SECURE

Unrivaled security that reduces risk to near zero with purpose-built file system designed to remove vulnerabilities and only runs signage.
- Exceptionally protected operating system with a secure digital signature
- Runs a singular signage application to protect against viruses
- Configurable to any type of security profile
- Security extends to integrated CMS solutions

RELIABLE

Legendary reliability with unmatched uptimes and a lower total cost of ownership.
- Persistent self-healing protocols resulting in unmatched uptimes
- Secure built-in remote player management and monitoring
- Remote diagnostics and controls to reduce costly on-site visits
- Removable storage that avoids rip/replace situations

SUPERIOR

Superior signage performance for simple to sophisticated experiences.
- Optimized to run cutting-edge video and motion graphics
- Abundant signage features available with free authoring software
- Integrated with hundreds of global CMS solutions
- Highly extensible to securely run specialized signage technologies

SUSTAINABLE

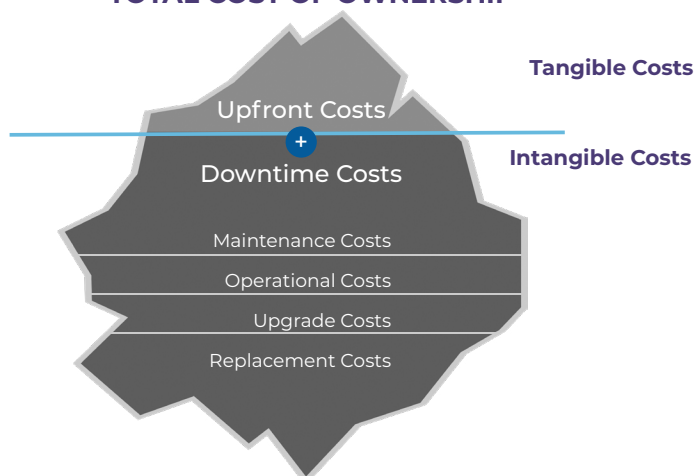**Unmatched sustainability** through updates that stay ahead of market demands.
- Low power requirements with high performance
- Guaranteed long life cycle support for unprecedented longevity
- Free updates applied on-demand and consistent across hardware generations
- Remote re-provisioning at any time to ensure flexibility

Invest in BrightSignOS™ to achieve long-term success
Designed to reduce risk and save on signage.

Downtime is the most expensive investment in signage that often gets overlooked. Failure doesn't happen at implementation, it happens after. BrightSignOS™ is designed to solve and mitigate ongoing risks to avoid rip and replace situations resulting in huge savings throughout the long life of your player.
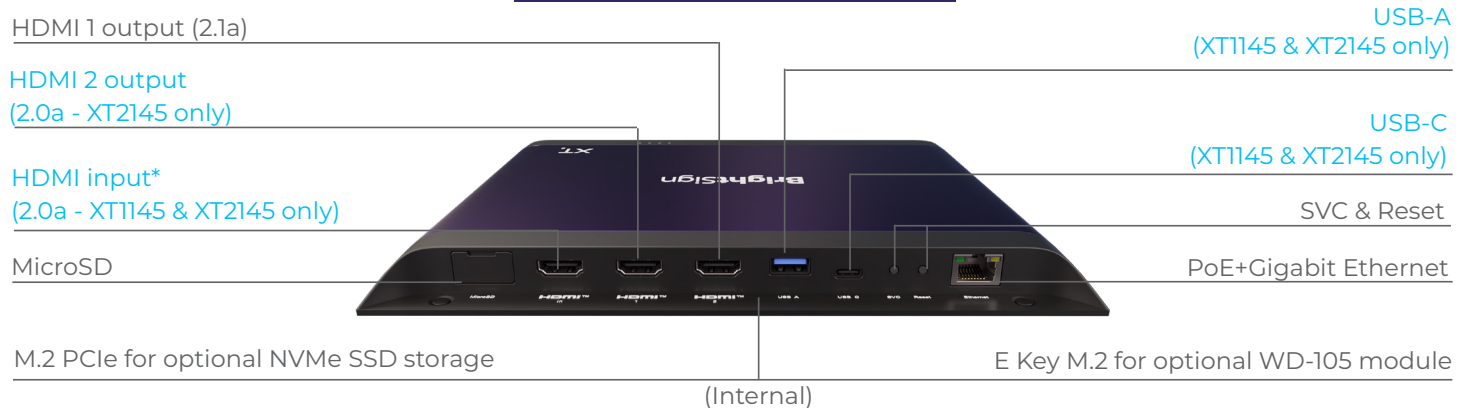
TOTAL COST OF OWNERSHIP

Tangible Costs

Upfront Costs
+
Downtime Costs

Intangible Costs

Maintenance Costs
Operational Costs
Upgrade Costs
Replacement Costs

Hardware Specifications

Front View

Serial
(3.5mm - XT1145 & XT2145 only)

4 Status LEDs

IR (3.5mm)

Locking Power (12v/3A)

Audio (3.5mm)

Wi-Fi Antennas

GPIO (12-pin Phoenix)

Rear View

HDMI 1 output (2.1a)

USB-A
(XT1145 & XT2145 only)

HDMI 2 output
(2.0a - XT2145 only)

USB-C
(XT1145 & XT2145 only)

HDMI input*
(2.0a - XT1145 & XT2145 only)

SVC & Reset

MicroSD

PoE+Gigabit Ethernet

M.2 PCIe for optional NVMe SSD storage

E Key M.2 for optional WD-105 module

(Internal)

- USB Type C port: supports high-speed host mode & provides 5V/1A power to peripheral devices
- USB Type A port: provides 5V/1A power to peripheral devices
- GPIO port: 8 bi-directional GPIOs
- Audio port: supports analog & SPDIF digital
- Real time clock: 14-day life

*HDCP support coming soon in a future BrightSignOS update

Software & Services

BSN. Cloud
A scalable cloud infrastructure that securely connects BrightSign players to a suite of integrated services for remote device, content, and network management.

bsn. Control
Free remote player monitoring and control service with a choice of CMS.

bsn. Content
Paid CMS service for cloud-based content, network and user management.

Partner CMS Solutions
Flexible choices with seamless player integrations

BrightAuthor: connected
Free software to provision players, access BSN.Cloud services, and connect to a variety of partner CMS solutions.

Technical Specifications

	XT245	XT1145	XT2145
I/O Package	Standard	Expanded	Multiplex
AI ENABLEMENT			
Neural Processing Unit (NPU)	X	X	X
VIDEO & HTML5 ENGINES			
Single 8K60p video decoding	X (10-bit)	X (10-bit)	X (10-bit)
4K60p video decoding	Dual (10-bit)	Dual (10-bit)	Dual (10-bit)
HDR10, HLG & Rec.2020/BT.2020 Support	X	X	X
4K video rotation	X	X	X
4K Full Resolution Images & Graphics	X	X	X
HTML5 Performance	3D WebGL & real time data visualization	Intense graphics, video and live TV	Dual HTML presentations driving 2 screens
HTML support: HTML5, CSS, JavaScript, SVG, WebGL, and Chromium compatible	X	X	X
Supports 4K IP streaming	X	X	X
MEDIA FORMATS			
8K video codecs: H.265/HEVC, VP9	X	X	X
8K Video Containers: .MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .AVI, .HEVC, .H264, .AV1, .VP9, and .MJPG	X	X	X
4K Video codecs: H.265/HEVC, H.264/AVC, AV1, VP9, MPEG 4 part 2, MPEG1 video, MPEG2 video, or MJPEG video	X	X	X
4K Video Containers: .MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .AVI, .HEVC, .H264, .AV1, .VP9, and .MJPG	X	X	X
Full HD Video Codecs: H.265/HEVC, H.264/AVC, AV1, VP9, MPEG 4 part 2, MPEG1 video, MPEG2 video, or MJPEG video	X	X	X
Full HD Video Containers: H.265/HEVC, H.264/AVC, AV1, VP9, MPEG 4 part 2, MPEG1 video, MPEG2 video, or MJPEG video	X	X	X
Images: BMP, JPEG, PNG up to 8K resolution	X	X	X
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	X	X	X
DISPLAY RESOLUTIONS			
Supports all common screen resolutions up to 8K (7680x4320 @60fps)	X	X	X
Supports additional & customizable display resolutions with unique aspect ratios	X	X	X
ACCESSORIES			
BP200 & BP900 USB Button Pads		X	X
WD-105 Dual Antenna Wireless/Bluetooth Module	X	X	X
MicroSD Class 10 Cards (various capacities)	X	X	X
256GB PCIe NVMe M.2 SSD	X	X	X
BrightSign Mobile USB Modem & Service		X	X
MISCELLANEOUS			
Operating Temperature Range	-10°C to 50°C at 90% maximum relative humidity, non-condensing		
Dimensions (W x D x H)	238.62 x 185.90 x 19.19mm		
Shipping Weight / Player Weight	1.41 kg / 0.68 kg		
Locking Power Supply	12V / 3A		
Multi-Country Power & Regulatory Approvals	X	X	X
Built-in Wall Mounting	X	X	X
Included 5-Year Warranty, parts and labor*	X	X	X
MSRP	$800	$900	$1100

*Warranty program applies to Series 5 players purchased from BrightSign after January 1, 2025. Warranty program does not apply to accessories.
Learn more at https://www.brightsign.biz/brightsign-players/warranty/.

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