

BrightSign® XT5

Our most flexible,
high-performance player.

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.



- Dual HDMI output
- Flexible content per display
- Efficient slim design with Power over Ethernet (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

Showcase data-driven insights.



- 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. Power the player and peripherals via PoE+.



XT1145

Expanded I/O Package

Enables live video playback via an HDMI input and expands engagement options with USB and serial connections. Power the player and peripherals via PoE+.



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 the player and peripherals via PoE+.

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.

BrightSignOS is a purpose-built operating system designed exclusively for digital signage, delivering unmatched reliability, security, and performance for always-on environments. Unlike general-purpose operating systems, it is engineered to support dedicated, long-term, and consistent signage experiences at scale.



RELIABLE. Engineered for continuous operation for always-on performance you can trust.

- Automatic fault detection and self-healing protocols for recovery without intervention
- Remote diagnostics and controls to reduce costly on-site visits
- Supports replaceable storage and fixed memory is available on BrightSign players



FLEXIBLE. Supports 200+ CMS partners, open APIs, and built to be adaptable to any use case, today and tomorrow.

- 200+ CMS partner integrations without switching hardware
- Supports AI at the edge via integrated Neural Processing Units (NPU) on BrightSign players
- Used in a wide portfolio of players and built-in SoC solutions for any use case



SECURE. Security is embedded at every layer, in addition to secure boot, and a small attack footprint.

- Runs only BrightSign-approved code and extensions
- Configurable to any type of security profile
- Long-term OS patching and updates (5+ years)



SUPERIOR. Deliver stunning visuals with high-quality video and graphics.

- Enables 4K and 8K video playback with high-fidelity graphics
- Synchronized multi-player support for video walls and multi-screen installs
- Highly extensible to securely run specialized signage technologies



VALUE. Lower total cost of ownership and free built-in device management.

- Industry-leading 5-year warranty
- Free device management is included with every player
- Remote diagnostics and monitoring reduce costly on-site visits



SUSTAINABLE. Stay relevant longer with energy-efficient hardware, intelligent display control, and remote management.

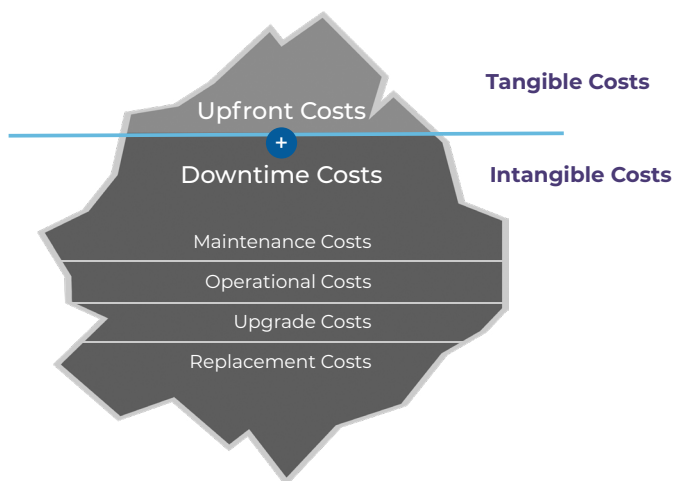
- Supports low power consumption with intelligent off-hours display control
- Optimized for media playback and device control
- Purpose-built OS without unnecessary software or processes

Invest in BrightSignOS to achieve long-term success

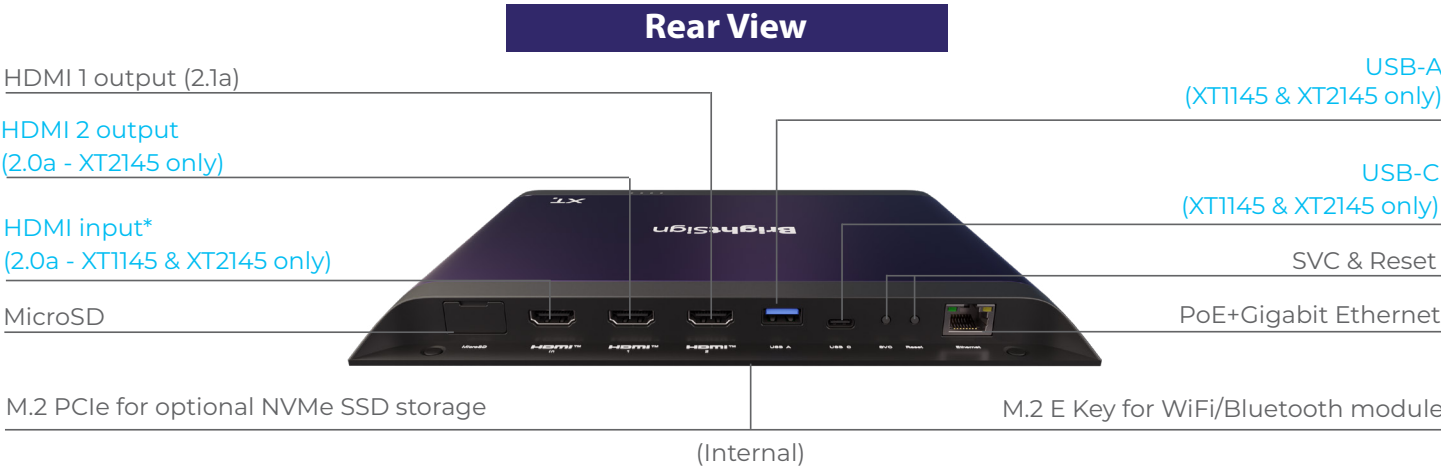
Designed to reduce risk and save on signage.

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



Hardware Specifications



- 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
 - HDMI 1 output (2.1a) supports 8K
 - HDMI 2 and HDMI input (2.0a) supports 4K
- *HDCP support coming soon in a future Bright-SignOS update

Software & Services

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

BrightSign[®] CONTROL Free remote player monitoring and control service.	BrightSign[®] CONTROL PLUS Fleet management service with bulk operations, remote diagnostics, AI-powered assistance, centralized scheduling at scale, and network management.	BrightSign[®] AUTHOR Free software to provision players, access BrightSign Author Plus, and connect to a variety of partner CMS solutions.	BrightSign[®] AUTHOR PLUS Complete cloud-based CMS for scalable, centralized content management across distributed digital signage networks.	Partner CMS Solutions Flexible choices with seamless player integrations.
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Together, BrightSign Control Plus and BrightSign Author Plus deliver the full advantages of intelligent fleet management with a modern cloud CMS solution to remotely manage devices, and publish content — no matter where you are.

Technical Specifications

	XT245	XT1145	XT2145
I/O Package	Standard	Expanded	Multiplex
AI ENABLEMENT			
Neural Processing Unit (NPU)	√	√	√
VIDEO & HTML5 ENGINES			
Single 8K60p video decoding	√ (10-bit)	√ (10-bit)	√ (10-bit)
4K60p video decoding	Dual (10-bit)	Dual (10-bit)	Dual (10-bit)
HDR10, HLG & Rec.2020/BT.2020 Support	√	√	√
4K video rotation	√	√	√
4K Full Resolution Images & Graphics	√	√	√
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	√	√	√
Supports 4K IP streaming	√	√	√
MEDIA FORMATS			
8K video codecs: H.265/HEVC, VP9	√	√	√
8K Video Containers: .MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .HEVC, .H264, .AVI, .VP9, and .MJPG	√	√	√
4K Video codecs: H.265/HEVC, H.264/AVC, AV1, VP9, MPEG 4 part 2, MPEG1 video, MPEG2 video, or MJPEG video	√	√	√
4K Video Containers: .MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .HEVC, .H264, .AVI, .VP9, and .MJPG	√	√	√
Full HD Video Codecs: H.265/HEVC, H.264/AVC, AV1, VP9, MPEG 4 part 2, MPEG1 video, MPEG2 video, or MJPEG video	√	√	√
Full HD Video Containers: .MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .HEVC, .H264, .AVI, .VP9, and .MJPG	√	√	√
Images: BMP, JPEG, PNG up to 8K resolution	√	√	√
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	√	√	√
DISPLAY RESOLUTIONS			
Supports all common screen resolutions up to 8K (7680x4320 @60fps)	√	√	√
Supports additional & customizable display resolutions with unique aspect ratios	√	√	√
ACCESSORIES			
BP200 & BP900 USB Button Pads		√	√
MicroSD Class 10 Cards (various capacities)	√	√	√
256GB PCIe NVMe M.2 SSD	√	√	√
BrightSign Mobile USB Modem & Service		√	√
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	√	√	√
Built-in Wall Mounting	√	√	√
Included 5-Year Warranty, parts and labor*	√	√	√

*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/>.