BrightSign® XD5

Exceptional performance - Deployable anywhere.



BrightSign XD5 leverages the flexibility of Power over Ethernet (PoE+) to deploy high-performance 2D graphics and stream 4K video - anywhere.

Immersive Engagement

Dynamic and responsive interactions.



- Responsive multi-touch engagement
- Immersive sensor & light controls
- Robust 2D motion graphics

Centerpiece Visuals

Stellar 4K visual impressions.



- Striking 4K60p video
- Dual video decoding
- Full HD video rotation

Interactive Journeys

Versatile and unique experiences.



- Personalized engagement
- Usage tracking & analytics
- Measurement & data integrations

Deploy Anywhere

Set up creative and high-performance installations.



- Power the player and peripherals via PoE+
- Live 2D data animations
- 4K IP Streaming



XD235

Standard I/O Package

Seamless 2D motion graphics and pristine 4K video playback, complemented by PoE+ and the option of secure SSD storage.

XD1035

Expanded I/O Package

Expands connection and engagement options with serial along with USB-A and USB-C ports.



The BrightSign XD5 Advantage

- Deploy high-performance and creative experiences anywhere using the flexibility of PoE+
- Stellar 4K or dual HD video, ideal for on-screen and projected displays
- Expandable internal storage via an M2 interface SSD storage option
- 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.

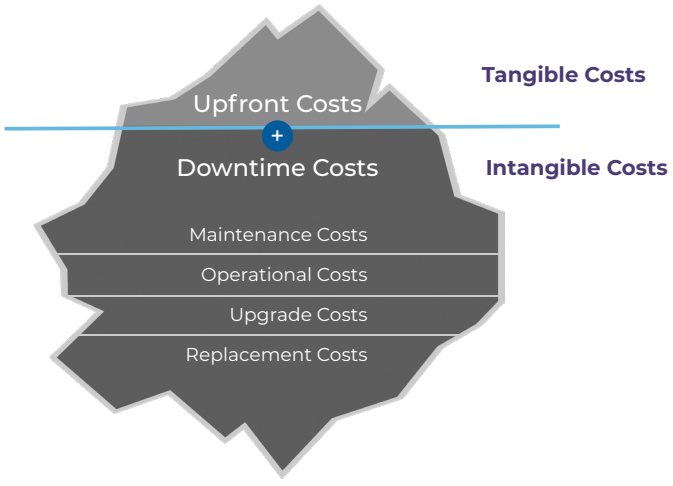
- Supports low power consumption with intelligent off-hours display control
- Optimized for media playback and device control
- Purpose-built OS without unnecessary software or processes

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

Front View



Rear View



- 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

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.

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

	XD235	XD1035
I/O Package	Standard	Expanded
VIDEO & HTML5 ENGINES		
4K video decoding	√ 8-bit at 60p 10-bit at 30p	√ 8-bit at 60p 10-bit at 30p
Full HD at 60p video decoding	√ (dual)	√ (dual)
HD images & graphics	√	√
HTML5 Performance	Smooth full screen 2D WebGL motion	Responsive multi-touch 2D WebGL
HTML support: HTML5, CSS, JavaScript, SVG, WebGL, and Chromium compatible	√	√
Supports 4K IP streaming	√	√
MEDIA FORMATS		
4K Video codecs: H.265/HEVC, H.264/AVC (max 30p), VP9	√ H.265 at 60p H.264 at 30p	√ H.265 at 60p H.264 at 30p
4K Video Containers: MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .HEVC, .H264, .AV1, .VP9, and .MJPG	√	√
Full HD Video Codecs: H.265/HEVC, H.264/AVC, VP9, MPEG 4 part 2, MPEG1 video, MPEG2 video	√	√
Full HD Video Containers: MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .HEVC, .H264, .AV1, .VP9, and .MJPG	√	√
Images: BMP, JPEG, PNG	√	√
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	√	√
DISPLAY RESOLUTIONS		
Supports all common screen resolutions up to 4K	√	√
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	0°C to 50°C	
Dimensions (W x D x H)	205 x 185.9 x 19.2mm	
Shipping Weight / Player Weight	1.3 kg / 0.59 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/.

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