

BrightSign® HD6

Entry-level 4K player with 10-bit HDR support, expanded peripheral capabilities and external device controls.

BrightSign HD6 transforms signage into eye-catching, premium interactive experiences with diverse engagement capabilities, ultra-high-definition video playback, and impressive HTML performance, making it a practical PC replacement.

Bolster User Interactions

Support simple and complex user interfaces.



- Expanded and affordable peripheral support
- Compatible with touch interfaces
- Multiple options for external device control

Personalized Experiences

Build targeted experiences.



- Custom engagement paths
- Insightful usage data tracking
- Valuable analytic integrations

Informative Dashboards

Productive and dynamic visualizations.



- Smooth 2D motion graphics
- Live data and media feeds
- Quality 4K IP streaming

Supports Outdoor Signage

Eye-catching visuals for all environments.



- 4k 60HZ video and vibrant 10-bit HDR support
- Programmatic ad integrations
- Reliable design and remote controls



HD226

Standard I/O Package

Built for interactive experiences that leverage Full HD to 4K video, 10-bit HDR support, and 2D motion graphics. Ensure uninterrupted content with a secure internal microSD socket. Deliver high-quality visuals on any location using an optional LTE modem.

HD1026

Expanded I/O Package

Extend engagement by supporting immersive options, like touchscreens, via USB and serial ports.



The BrightSign HD6 Advantage

- Impactful and smooth animations and dynamic visuals effortlessly and reliably, without a PC
- Craft engaging experiences by immersing all the senses and enable interactive storytelling
- Capture user behavior data to deliver personalized experiences
- Seamless integrations with trusted analytics and monetization tools
- Ensure dependable operations with a secure internal microSD, or in any location with an optional LTE modem
- 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
- Leverage an integrated Neural Processing Unit (NPU) which enables BrightSign players to run powerful AI applications without compromising on video or graphics performance

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.

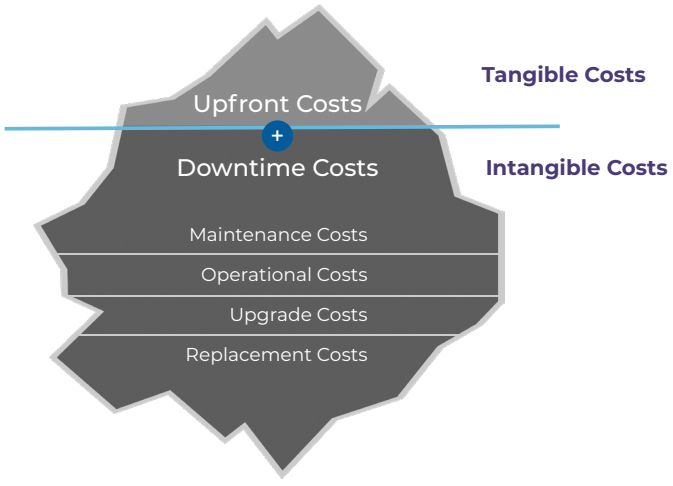
- Supports low power consumption with intelligent off-hours display control
- Optimized for media playback and device control
- Purpose-built OS without unnecessary software or processes

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

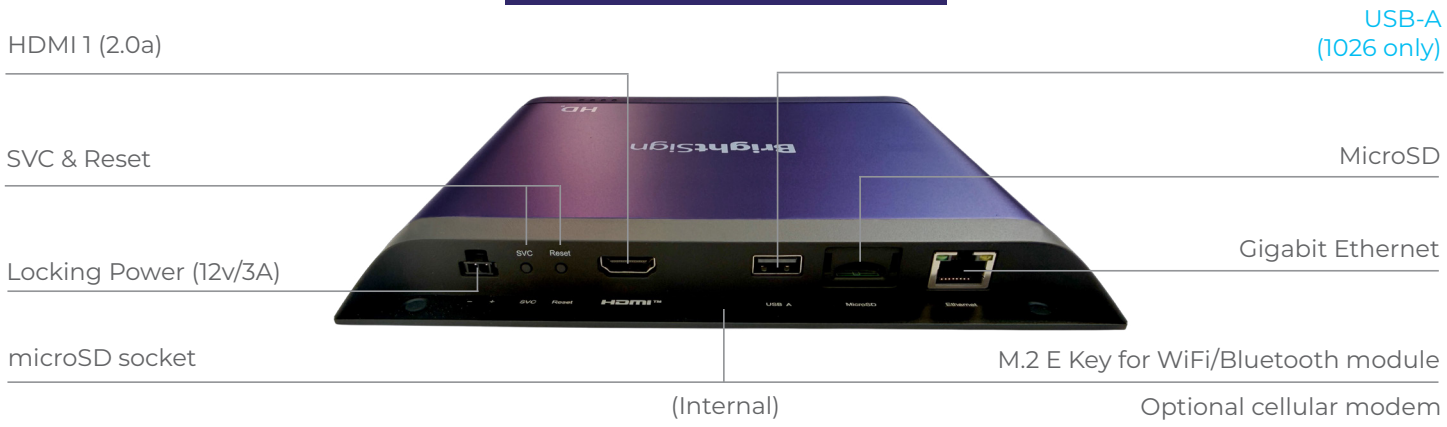


Hardware Specifications

Front View



Rear View



- USB Type A port: provides 5V/1A power to peripheral devices, such as touch screens
- 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

	HD226	HD1026
I/O Package	Standard	Expanded
AI ENABLEMENT		
Neural Processing Unit (NPU)	√	√
VIDEO & HTML5 ENGINES		
4K video decoding	Single 10-bit at 60p	Single 10-bit at 60p
Full HD at 60p video decoding	√ (dual)	√ (dual)
4K video rotation	√	√
HD images & graphics	√	√
HTML5 Performance	Modular 2D motion graphics	Interactive 2D motion graphics
HTML support: HTML5, CSS, JavaScript, and Chromium compatible	√	√
HTML resolution	HD	HD
10-bit HDR support	√	√
Supports 4K IP streaming	√	√
MEDIA FORMATS		
4K Video codecs: H.265/HEVC, H.264/AVC, VP9	√ H.265, H.264 at 60p	√ H.265, H.264 at 60p
4K Video Containers: MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .AVI, .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, .AVI, .HEVC, .H264, .AV1, .VP9, and .MJPG	√	√
Images: BMP, JPEG, PNG	√	√
Audio: MP2, MP3, AAC and WAV (eAC3 is passed through)	√	√
DISPLAY RESOLUTIONS		
Supports all common screen resolutions up to 4K	√	√
Supports additional & customizable display resolutions with unique aspect ratios	√	√
BRIGHTSIGN ACCESSORIES		
BP200 & BP900 USB Button Pads		√
MicroSD Class 10 Cards (various capacities)	√	√
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 and beyond 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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