BrightSign® HD5

Entry-level 4K player with expanded peripheral support and external device controls.

BrightSign HD5 transforms signage into 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
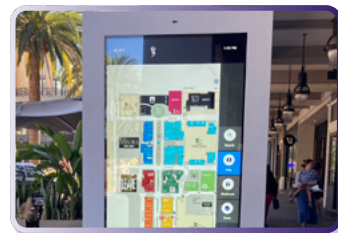
Informative Dashboards

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 support
- Programmatic ad integrations
- Reliable design and remote controls

HD225
Standard I/O Package

Built for interactive experiences that leverage Full HD to 4K video and 2D motion graphics.

HD1025
Expanded I/O Package

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

The BrightSign HD5 Advantage

- Powerful animations and dynamic visuals effortlessly and reliably, without a PC
- Craft engaging experiences by immersing all the senses and leveraging interactive storytelling
- Capture user behavior data to deliver personalized experiences
- Seamless integrations with trusted analytics and monetization tools
- Ensure dependable and energy-saving operation in any environment
- 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

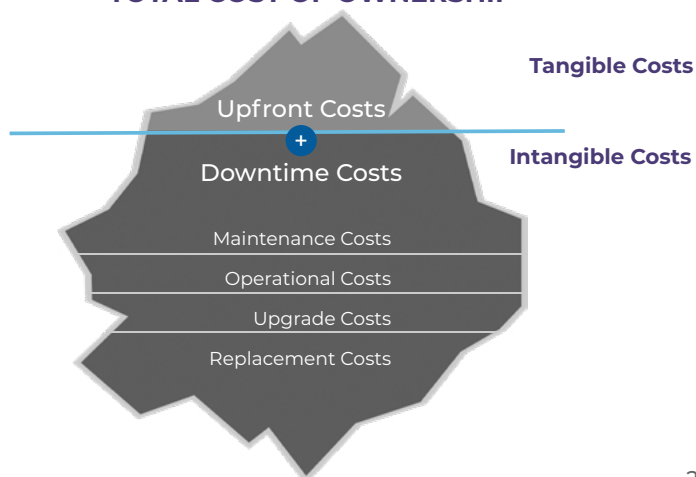**Unmatched sustainability** through updates that stay ahead of market demands.
- Low power requirements with high performance
- Guaranteed long life cycle support for unprecedented longevity
- Free updates applied on-demand and consistent across hardware generations
- Remote re-provisioning at any time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

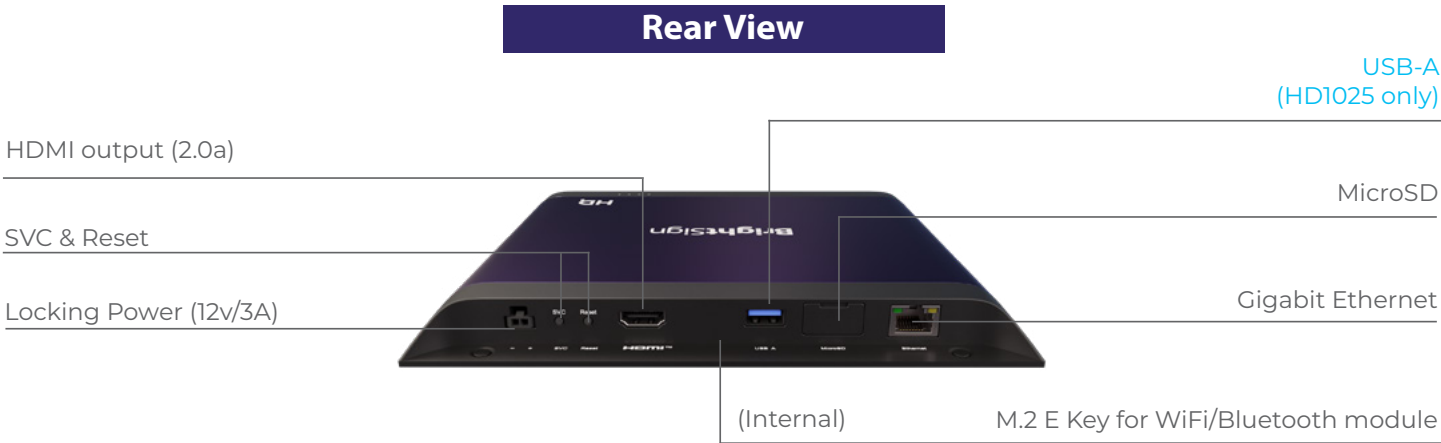## Invest in BrightSignOS to achieve long-term success
Designed to reduce risk and save on signage.

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

Upfront Costs

+

Downtime Costs

Maintenance Costs

Operational Costs

Upgrade Costs

Replacement Costs

Tangible Costs

Intangible Costs

Hardware Specifications

Front View

Serial
(3.5mm - HD1025 only)

GPIO (12-pin Phoenix)

IR (3.5mm)

4 Status LEDs

Audio (3.5mm)

Wi-Fi Antennas

Rear View

USB-A
(HD1025 only)

HDMI output (2.0a)

MicroSD

SVC & Reset

Locking Power (12v/3A)

Gigabit Ethernet

(Internal) M.2 E Key for WiFi/Bluetooth module
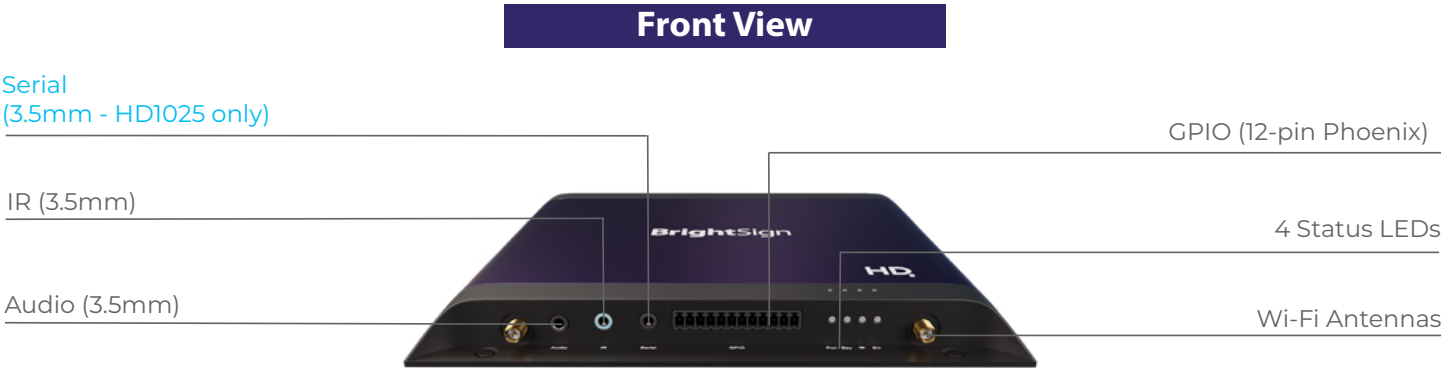
- USB Type A port: provides 5V/1A power to peripheral devices, such as touch screens
- GPIO port: 8 bi-directional GPIOs
- Audio port: supports analog & SPDIF digital
- Real time clock: 14-day life

Software & Services

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

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.

bsn.Control   bsn.Content   brightAuthor connected

BSN.Cloud Solution

Technical Specifications

	HD225	HD1025
I/O Package	Standard	Expanded
VIDEO & HTML5 ENGINES		
4K video decoding	X 8-bit at 60p 10-bit at 30p	X 8-bit at 60p 10-bit at 30p
Full HD at 60p video decoding	X (dual)	X (dual)
HD images & graphics	X	X
HTML5 Performance	Modular 2D motion graphics	Interactive 2D motion graphics
HTML support: HTML5, CSS, JavaScript, and Chromium compatible	X	X
Supports 4K IP streaming	X	X
MEDIA FORMATS		
4K Video codecs: H.265/HEVC, H.264/AVC (max 30p), VP9	X H.265 at 60p H.264 at 30p	X H.265 at 60p H.264 at 30p
4K Video Containers: MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .AVI, .HEVC, .H264, .AV1, .VP9, and .MJPG	X	X
Full HD Video Codecs: H.265/HEVC, H.264/AVC, VP9, MPEG 4 part 2, MPEG1 video, MPEG2 video	X	X
Full HD Video Containers: MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .AVI, .HEVC, .H264, .AV1, .VP9, and .MJPG	X	X
Images: BMP, JPEG, PNG	X	X
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	X	X
DISPLAY RESOLUTIONS		
Supports all common screen resolutions up to 4K	X	X
Supports additional & customizable display resolutions with unique aspect ratios	X	X
ACCESSORIES		
BP200 & BP900 USB Button Pads		X
MicroSD Class 10 Cards (various capacities)	X	X
BrightSign Mobile USB Modem & Service		X
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	X	X
Built-in Wall Mounting	X	X
Included 5-Year Warranty, parts and labor*	X	X
MSRP	$500	$600

*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/.