BrightSign® HS5

BrightSign's System-on-a-Chip solution.

BrightSign HS5 revolutionizes System on a Chip (SoC) solutions with built-In technology that seamlessly integrates into commercial displays to deliver superior, secure, and reliable all-in-one digital signage.

Small Showcases

Make big impressions in tiny spaces.

- Flawless video playback
- Essential animations
- Flexible interactive options

Large Impressions

Dominate the landscape with vibrant visuals.

- Full HD or 4K model options
- Streaming video
- Streamlined deployment

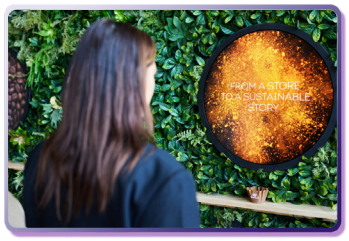
Sleek, Self-Serve Kiosks

Elevate aesthetics and engagement.

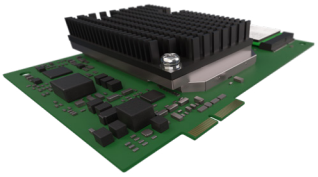
- Choice of interactive ports
- POS integrations
- Vast integrated CMS options

Surprising Shapes and Sizes

Break the mold with unusual dynamic displays.



- Efficient all-in-one solution
- Versatile network possibilities
- Remote player management



HS125

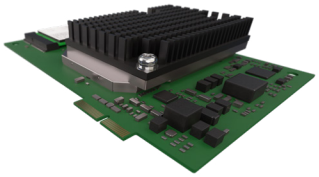
HD Package

Embeds commercial displays with superior Full HD video, essential graphics power and flexible connectivity options.

HS145

4K Package

Elevates video capabilities to stellar 4K resolution.



The BrightSign HS5 Advantage

- Enables qualified screen manufacturers to offer trusted BrightSign-based SoC displays
- Streamline installations with an all-in-one solution that minimizes cabling and setup time
- Seamlessly embed into small and large format displays with Full HD or 4K options
- Expand opportunities to deliver superior signage features and run essential motion graphics
- Gain compatibility with all BrightSign software, services, and integrated CMS solutions
- Operate with unparalleled reliability, security, and sustainability on BrightSignOS™
- Reduce total cost of ownership with complimentary remote player management and controls
- Obtain CMS choice flexibility with a trusted global network of leading integrated partner solutions

BrightSignOS™

The power of purple.

Harness the power of BrightSignOS, designed specifically for sustainable digital signage, it powers every BrightSign player with legendary reliability, security, and performance.

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

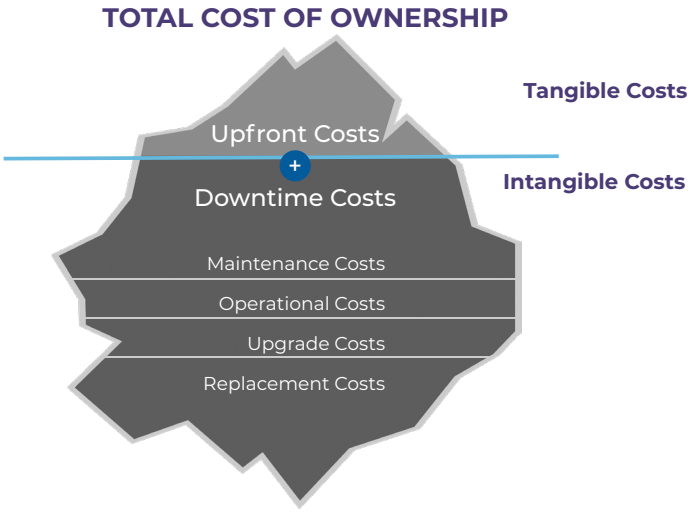
Unmatched sustainability through updates that stay ahead of market demands.

- 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

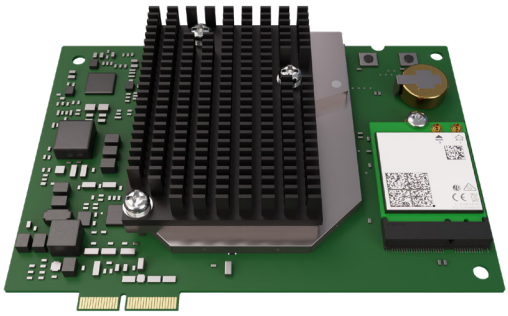
Designed to reduce risk and save on signage.

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.

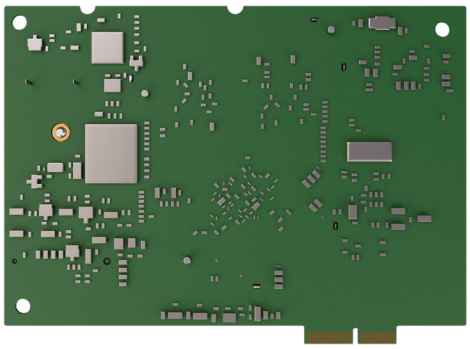


Hardware Specifications

Front View



Rear View



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.

BSN.Cloud
bsn.Control bsn.Content

Technical Specifications

	HS125	HS145
I/O Package	Expanded I/O	4K Expanded I/O
VIDEO & HTML5 ENGINES		
4K video decoding		X 8-bit at 60p 10-bit at 30p
Full HD at 60p video decoding	X	X
HTML support: HTML5, CSS, JavaScript, SVG, WebGL, and Chromium compatible	X	X
MEDIA FORMATS		
4K Video codecs: H.265, H.264	X	X
4K Video Containers: .ts, .mov, .mp4, .mkv	X	X
Full HD Video Codecs: H.265, H.264 (MPEG-4, Part 10), MPEG-2	X	X
Full HD Video Containers: .ts, .mpg, .vob, .mov,.mp4, .m2ts	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	X (up to Full HD)	X (up to 4k)
Supports additional & customizable display resolutions with unique aspect ratios	X	X
ACCESSORIES		
BP200 & BP900 USB Button Pads		X
WD-105 Dual Antenna Wireless/Bluetooth Module	X	X
MicroSD Class 10 Cards (various capacities)	X	X
BrightSign Mobile USB Modem & Service	X	X
MISCELLANEOUS		
Dimensions (W x D x H)	100 x 70 x 14.25 mm	100 x 70 x 14.25 mm
Power Supply	12V / 1.5A	12V / 1.5A
Multi-Country Power & Regulatory Approvals	X	X
Built-in Wall Mounting	X	X
1 Year Warranty, parts and labor*	X	X

*2 year warranty, parts and labor, for units shipped from an EU or UK distribution center and to an EU or UK address.

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