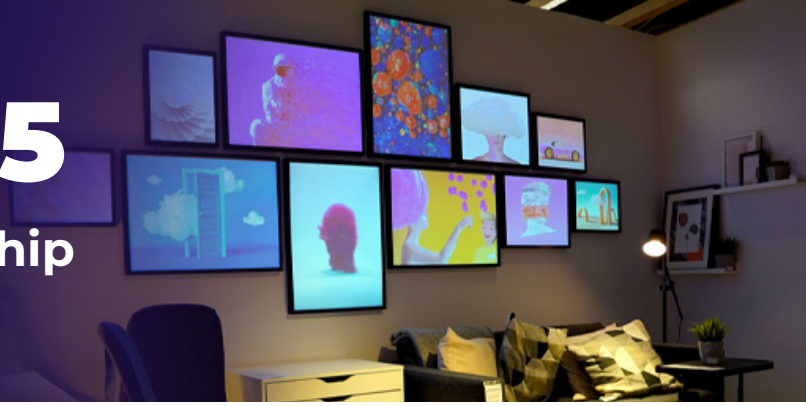
BrightSign® HS5

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

Big experiences in a wide array of spaces.



- Flawless video playback
- Essential animations
- Flexible interactive options

Large Impressions

Bring extensive experiences to life.



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

Versatile Designs

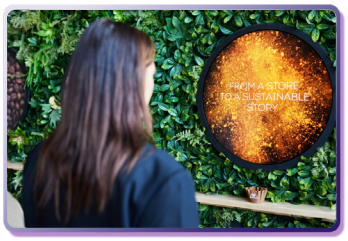
Easily integrated into any existing set up.



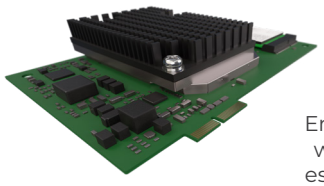
- Choice of interactive ports
- POS integrations
- Vast integrated CMS options

Unique Shapes and Sizes

Deliver experiences in uncommon spaces or aspect ratios.



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



HS125

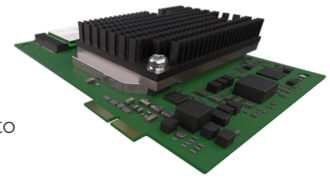
HD Package

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
- Compatible 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.

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.

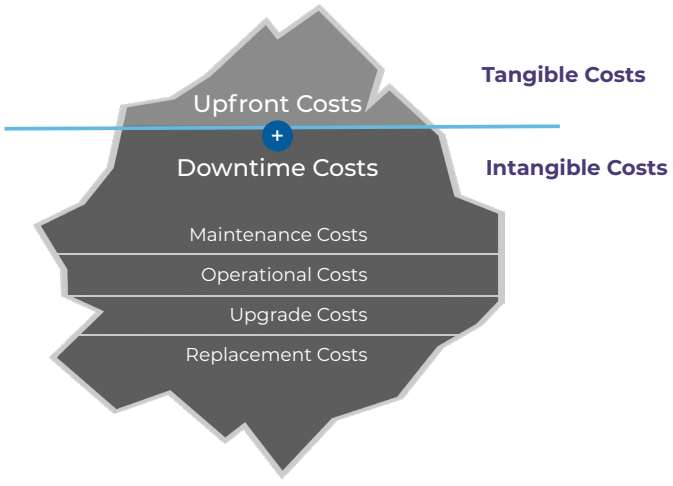
- Supports low power consumption with intelligent off-hours display control
- Optimized for media playback and device control
- Purpose-built OS without unnecessary software or processes

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.

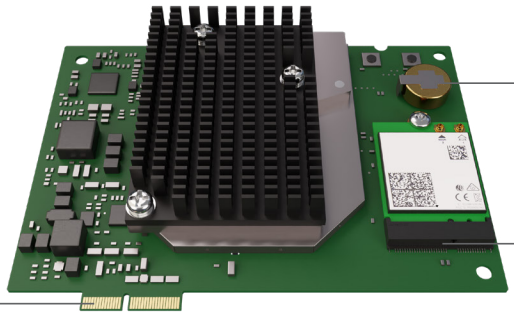
TOTAL COST OF OWNERSHIP



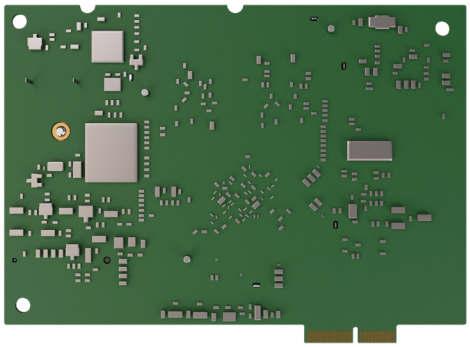
Hardware Specifications

Customizable I/0

Front View



Rear View



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

	HS125	HS145
I/O Package	Expanded I/O	4K Expanded I/O
AI ENABLEMENT		
Neural Processing Unit (NPU)	√	√
VIDEO & HTML5 ENGINES		
4K video decoding		√ 8-bit at 60p 10-bit at 30p
Full HD at 60p video decoding	√	√
HTML support: HTML5, CSS, JavaScript, SVG, WebGL, and Chromium compatible	√	√
Supports 4K IP streaming	√	√
MEDIA FORMATS		
4K Video codecs: H.265, H.264	√	√
4K Video Containers: .ts, .mov, .mp4, .mkv	√	√
Full HD Video Codecs: H.265, H.264 (MPEG-4, Part 10), MPEG-2	√	√
Full HD Video Containers: .ts, .mpg, .vob, .mov,.mp4, .m2ts	√	√
Images: BMP, JPEG, PNG	√	√
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	√	√
DISPLAY RESOLUTIONS		
Supports all common screen resolutions	√ (up to Full HD)	√ (up to 4k)
Supports additional & customizable display resolutions with unique aspect ratios	√	√
ACCESSORIES		
BP200 & BP900 USB Button Pads		√
MicroSD Class 10 Cards (various capacities)	√	√
BrightSign Mobile USB Modem & Service	√	√
MISCELLANEOUS		
Dimensions (W x D x H)	100 x 70 x 14.25 mm	100 x 70 x 14.25 mm
Multi-Country Power & Regulatory Approvals	√	√
Power Supply	12V / 1.5A	12V / 1.5A
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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