

BrightSign® XC5

Revolutionary performance
across multiple screens

Powered by Intel

intel
partner
Gold



BrightSign XC5 powerhouse of digital signage, transforming video walls and multiple screens into captivating experiences with revolutionary PC-class motion graphics, breathtaking 8K video, and the flexibility to choose either BrightSignOS or Microsoft Windows as the operating system.

Dramatic DVLED Displays

Immersive 8K experiences.



- Lifelike 8K visuals
- Vibrant colors in 10-bit HDR
- Reliable and energy-efficient

Advanced Graphics Experiences

Extraordinary PC-class power.



- Robust 3D motion graphics
- Powerful PC alternative
- Sophisticated interactions

Simplified Video Walls

Perfect video walls with a single player.



- Multiple HDMI outputs
- Vivid 8K video & graphics
- Streamlined creation tools

Multi-Screen Mastery

Simultaneous screen operation.



- Coordinate multiple screens
- Unified messaging
- Unique content per display



XC2055 2 HDMI Outputs

Delivers groundbreaking video and PC-class graphics performance across two screens with an OS choice of BrightSignOS, Windows 11 IoT or Windows 10 IoT.

XC4055 4 HDMI Outputs

Takes control of four screens simultaneously with double the graphics power with an OS choice of BrightSignOS, Windows 11 IoT or Windows 10 IoT.



BrightSign OS™

Windows

The BrightSign XC5 Advantage

- Achieve perfect video walls every time with a single multi-output player
- Immerse users with high-speed 3D motion graphics and sophisticated engagement
- Captivate audiences with stunning 8K resolution video and motion graphics support
- Ensure consistency and shorter time to market with a standardized globally available hardware platform
- Deploy confidently and endure harsh conditions with BrightSign's fanless commercial-grade design, reinforcing our commitment to reliability
- Benefit from the flexibility of choosing BrightSignOS for unparalleled reliability and security or Microsoft Windows
- Maximize efficiency with simple video wall creation tools and consolidated single-player distribution
- 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

*Not available on XC5 Windows

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.

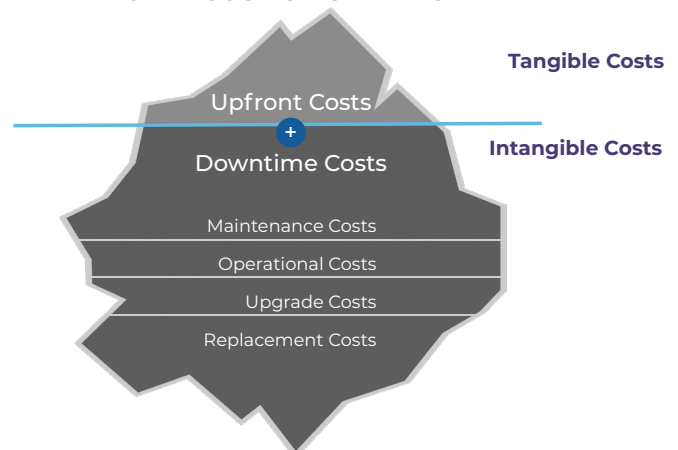
- Low power requirements with high performance
- Guaranteed long life cycle support for unprecedented longevity
- Free updates applied on-demand and consistent across hardware generations
- Remote re-provisioning at any time to ensure flexibility

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

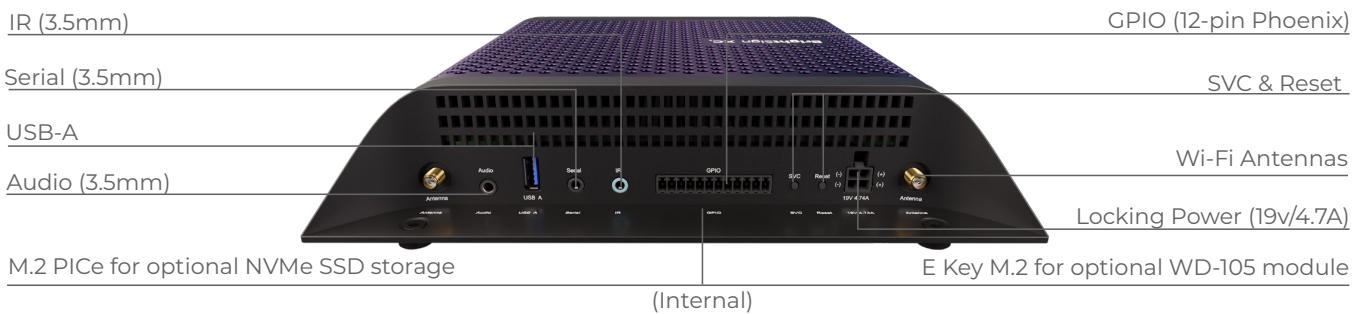


Hardware Specifications

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

BSN.Cloud

The secure and scalable cloud infrastructure that connects BrightSign players to a comprehensive suite of integrated services to manage devices, content, and networks.

bsn.Control

Free remote access and control service for BrightSign players, offering efficient multi-device monitoring and management while seamlessly integrating with your preferred CMS.



Integrated CMS Choices

Unmatched freedom of choice with a trusted global network of integrated solutions that seamlessly support BrightSign players and the bsn.Control service.

bsn.Content

Paid subscription-based service for content management and distribution with multi-device monitoring, controls, and advanced networking tools using BrightAuthor:connected to administer large deployments in the cloud.



Technical Specifications

	XC2055	XC4055
I/O Package	Expanded Multiplex	Expanded Multiplex
Operating System	Choice of BrightSignOS, Windows 11 IoT or Windows 10 IoT	
Intel Processor	Intel Gen 11 Celeron with 8GB RAM	Intel Gen 11 i5 with 8GB RAM
VIDEO & HTML5 ENGINES		
Single 8K60p video decoding	X (8-bit)	X (10-bit)
4K60p video decoding	Dual (10-bit)	Quad (10-bit)
HDR10, HLG & Rec.2020/BT.2020 Support	X	X
4K video rotation	X	X
8K Full Resolution Graphics	X	X
HTML5 Performance	Up to 8K 3D WebGL across 2 screens	2x the power of XC2055 across 4 screens
OpenGL graphics compatibility	X	X
HTML support: HTML5, CSS, JavaScript, SVG, WebGL, and Chromium compatible	X	X
MEDIA FORMATS		
8K video codecs: H.265/HEVC, VP9	X	X
8K Video Containers: .MP4, .MOV, .MKV, .WEBM, .TS, .MPG, .MPEG, .PS, .M2P, .MPV, .AVI, .HEVC, .H264, .AV1, .VP9, and .MJPG	X	X
4K Video codecs: H.265/HEVC, H.264/AVC, AV1, VP9, MPEG 4 part 2, MPEG1 video, MPEG2 video, or MJPEG video	X	X
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, AV1, VP9, MPEG 4 part 2, MPEG1 video, MPEG2 video, or MJPEG video	X	X
Full HD Video Containers: H.265/HEVC, H.264/AVC, AV1, VP9, MPEG 4 part 2, MPEG1 video, MPEG2 video, or MJPEG video	X	
Images: BMP, JPEG, PNG up to 8K resolution	X	X
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	X	X
DISPLAY RESOLUTIONS		
Supports all common screen resolutions up to 8K (7680x4320 @60fps)	X	X
Supports additional & customizable display resolutions with unique aspect ratios	X	X
ACCESSORIES		
BP200 & BP900 USB Button Pads	X	X
WD-105 Dual Antenna Wireless/Bluetooth Module	X	X
MicroSD Class 10 Cards (various capacities)	X	X
256GB PCIe NVMe M.2 SSD	X	X
BrightSign Mobile USB Modem & Service	X	X
MISCELLANEOUS		
Operating Temperature Range	0°C to 40°C	
Dimensions (W x D x H)	253.2 x 232.12 x 48mm	
Shipping Weight / Player Weight	3 kg / 1.41 kg	
Locking Power Supply	19V / 4.7A	
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.

** Includes pre-installed Windows license and 256GB internal SSD

Contact us at sales@brightsign.biz
www.brightsign.biz

Copyright © 2024 by BrightSign, LLC. All rights reserved. BrightSign and the BrightSign logo are registered trademarks of BrightSign, LLC. The products shown here are covered by U.S. and/or foreign patent rights. See www.brightsign.biz/patents for more information. Other brand and product names are trademarks or registered trademarks of their respective holders. DOC-06-07-24