

Spin Digital HEVC/H.265 software media player (Spin Player) enables ultra-high-quality video applications with 4K, 8K, and 16K resolution on commodity computing hardware.



spin player



HEVC/H.265 player for broadcast, immersive video projection, large screen visualization, virtual reality, and professional media.

Spin Digital HEVC/H.265 media player is ready for the next generation of high-quality video systems, providing support for Ultra HD (UHD), High Dynamic Range (HDR), High Frame Rate (HFR), Wide Color Gamut (WCG), and Virtual Reality (360° video).

Product Highlights

- Pure software solution
- Ready for up to 16K playback
- Professional video formats: 4:2:2 and 4:4:4
- 10-bit, HDR, and WCG support
- HLS and RTP streaming
- Next generation audio: 22.2 surround sound
- 360° video playback
- Easy-to-use graphical user interface

HEVC/H.265 Media Player Package

- Full-featured media player based on Media Player Classic BE
- Integrated Spin Digital HEVC/H.265 decoder
- Integrated Spin Digital DirectX 12 video render engine

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SPIN DIGITAL MEDIA PLAYER

Support for the HEVC standard:

Main and Main 10 profiles - up to Level 6.2 High tier

Range Extensions (HEVCv2) profiles

ARIB STD-B32 version 3.9 (8K with 4 slices)

Tiles and wavefronts

Resolutions: 4Kp240, 8Kp120, 16Kp60

Color formats: 4:2:0, 4:2:2, 4:4:4, RGB

Bit depths:

Decoding: 8-, 10-, 12-bit

Rendering: 8-, 10-bit

Color spaces: BT.601, BT.709, DCI-P3, BT.2020

HDR: HDR10 (ST2084), HLG (STD-B67)

Color conversion and tone mapping

Flexible image overlays

File formats: MP4, MPEG2-TS, MKV

Streaming format: HLS, RTP

Multichannel audio: 5.1, 7.1, 22.2

SDI and GPU rendering

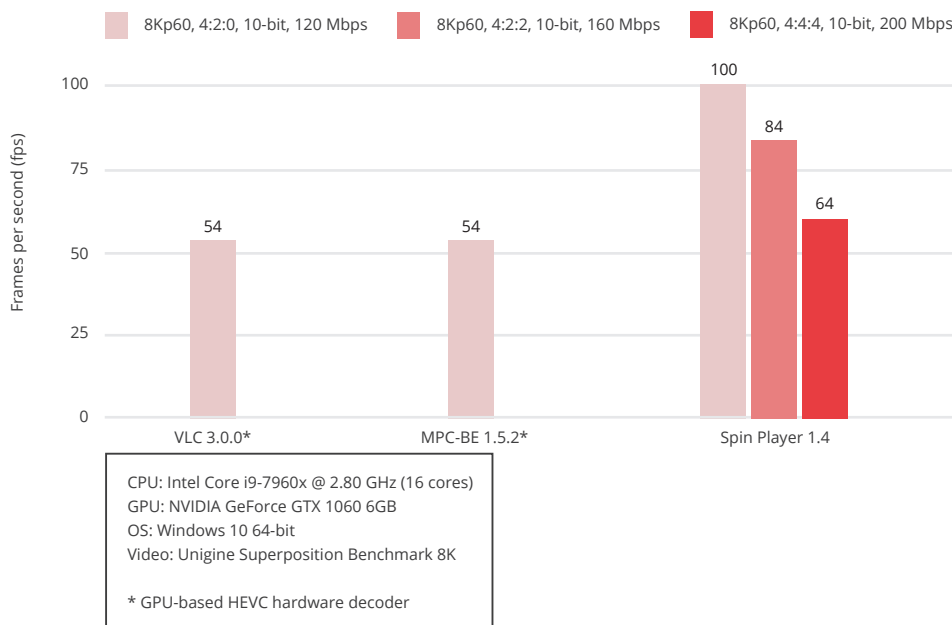
Multi-device configurations: single large surface, clone

360° video playback with fast user interaction



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MEDIA PLAYER PERFORMANCE



RECOMMENDED PLATFORMS

OS: Windows 10 64-bit

Use case	Format	Bitrate	Platform
Distribution	8Kp60 4:2:0, 10-bit	70 - 120 Mbps	CPU: Intel Core i9-7920x (12 cores) GPU: AMD Radeon Pro WX 5100
Contribution	8Kp60 4:2:2, 10-bit	200 - 250 Mbps	CPU: Intel Core i9-7960x (16 cores) GPU: AMD Radeon Pro WX 7100

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