Cinegy Player PRO 22 System Recommendations

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Operating Systems Support

Cinegy Player PRO runs on the following operating systems: Windows 11, Windows 10, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022.

Operating system recommendation: Windows 10, Windows Server 2019.



We recommend updating the Windows OS to include the latest Microsoft updates and hotfixes.

Supported Hardware



These system recommendations use older hardware, which has been previously tested. The CPUs listed should be used as a guide to select modern equivalent options and not as direct requirements.

The required hardware largely depends on the video codec and resolution to be played back at each machine running Cinegy Player PRO.

Hardware Recommendations for SD Playback

The following configuration has proven to be reliably sufficient for SD playback: Core i7 4770K CPU, 2x 4GB of DDR4 RAM, SATA-2 SSD drive. Gigabit Ethernet is recommended.

Recommended hardware: Any Windows 10 certified PC. NVIDIA GeForce GT 240 or GT 430 graphics card or better.

Hardware Recommendations for HD Playback

The following configuration has proven to be reliably sufficient for HD playback: Core i7-6800K CPU, 4x 4GB of DDR4 RAM, SATA-2 SSD drive. Gigabit Ethernet.

Recommended hardware: HP Z640 or similar. NVIDIA GeForce 200 series graphics card or any better one with DirectDraw.

Hardware Recommendations for UHD Playback

The following configuration has proven to be reliably sufficient for UHD playback: Supermicro X10 series motherboard, dual Xeon E5 2697v3 CPU, 8x 4GB of DDR4 RAM.

SDI Video Card Support for Monitoring

Cinegy Player PRO supports the following SD/HD SDI video cards: Blackmagic Design DeckLink.

If other applications are running on the machine at the same time, additional memory may be advised.

Graphics Card

There are no particular requirements with regard to graphics card, unless the optional video output over the SDI board is supposed to be used as a control video monitor output. Any recent graphics card from NVIDIA will work. Even integrated graphics adapters, as found in the motherboard chipset by Intel, will work fine in most scenarios.

If you are using an NVIDIA graphics card, we recommend that you optimize its performance by setting the "Prefer maximum performance" value for the "Power management mode" parameter in the NVIDIA Control Panel.

Cinegy Player PRO 22.8 supports the latest NVIDIA boards, which require updated NVIDIA drivers and SDK. The minimal supported NVIDIA driver version is 456.81. Due to breaking changes in newer driver versions (R590 and newer), the latest supported driver branch is R580. Before starting any upgrades, ensure that the OS running Cinegy Player PRO and the model of the NVIDIA board you are using are supported in the version of the NVIDIA driver you choose.

Please perform the process of NVIDIA driver update only upon stopping Cinegy applications. For detailed instructions on installing the NVIDIA driver, please refer to the NVIDIA Drivers installation article.

Daniel2 GPU decoding is supported by NVIDIA video boards that have CUDA Compute Capability 3.5 and higher. If the NVIDIA video board has the CUDA Compute Capability of an earlier version, then use Daniel2 CPU decoding.

For HD playback, motherboard integrated graphics, to date, are not fast enough; the graphics adapter should be equipped with at least 256MB of memory, and the memory bus width should be 128 bit or better.

There are NVIDIA and Intel QuickSync acceleration options available for H.264 and H.265 video decoding in Cinegy Player PRO. The acceleration is highly recommended to be used for high-density format playback (e.g., Full HD, UHD).

To be able to use the hardware acceleration options, you will need to install a NVIDIA graphics board (based on Maxwell or Pascal generation GPU) into your server:

NVIDIA GeForce Series (started from GeForce 600).

NVIDIA Quadro Series.

Supported video hardware for control monitor video output:

- Any VGA card that can output the DirectX overlay on the video out. DirectX/3D 9 acceleration support is recommended.
- Blackmagic Design DeckLink series SDI video boards.

Supported File Formats

Using Cinegy Player PRO saves you the trouble of using any other playback tools or applications, as it supports a wide range of file formats:

Format	Description
MP3, WAV, M4A, OGG	Audio-only files.
AVI	Uncompressed or compressed AVI playback, depending on machine-local installed AVI codecs.
MXF	OP-Atom (e.g. Panasonic P2) or OP1A (e.g. XDCAM) with specific Application Specification (AS) support for AS-03 (MXF for delivery) and AS-11 (MXF for contribution). MXF playback supports the following codecs: Daniel2, AVC-Intra 50/100, DV, DVCPro50, DVCPro HD, generic H.264, generic MPEG-2 long GOP or I-Frame, IMX30/40/50, Sony XDCAM, XDCAM EX, XDCAM HD, XDCAM HD422, etc.
MOV	AVC-Intra 100, DV, DVCPro50, DVCPro HD, generic H.264, IMX30/40/50, XDCAM HD422, Apple ProRes 422. MOV files are played with Cinegy Player PRO without any Apple QuickTime components installed. QT AAC Audio or QT DNxHD playback requires the installation of Apple's QuickTime for Windows player and the free AVID DNxHD QuickTime component for Windows.
MP4	MP4 files with generic H.264 and HEVC inside.
MPEG-2	MPEG-2 Program Streams (PS).
MCRItem	MCR items – clips or comprehensive Sequences with titles, effects, pictures, and voice-overs inside.
RTP / UDP	Video stream playback from a URL.
Raw DV	The DV data stream without a file container.
M2V, M2A	MPEG Elementary Streams.
MPG, MPEG	MPEG Program Streams.
TS, M2T	MPEG-2 Transport Stream.
WMV, WMA	Windows Media files.