

CyberLink



CyberLink  
**PowerDVD 22**

The World's No. 1 Blu-ray & Media Player

PRODUCT PRESENTATION





# INTRODUCING POWERDVD 22



PowerDVD is the complete solution for all of your entertainment needs. From enhanced audio & visual playback to intuitive playlists and media management, enjoy your entire media library, all in one place.





# EXPERIENCE HOME CINEMA AT ITS FINEST

Enjoy movie theater quality with stunning  
4K Ultra HD and 8K video playback.



**HDR 10**

**4K UHD**

**8K UHD**





# ENHANCED BLU-RAY & DVD PLAYBACK



Enjoy a cinema-like experience from the comfort of your home.





# ALL MAJOR FORMATS SUPPORTED

Watch your favorite content in virtually any format.







# POWERDVD, REIMAGINED



Discover our completely redesigned user interface with a more user-friendly media management hub.





# YOUR MOVIES, YOUR WAY

Organize your media with customizable thumbnails, poster walls, and AI-powered photo management.





# A TRUETHEATER EXPERIENCE



Watch your movies like never before with deeper colors and enhanced video/audio playback.







# STUDIO-QUALITY AUDIO

Get the most out of your home theater system with DTS-HD, Dolby Audio, and Hi-Res 7.1 surround sound.





# EXPERIENCE YOUTUBE WITHOUT ANY INTERRUPTIONS



Watch your favorite YouTube videos offline and ad-free in up to 8K quality.





# CAST TO TV OR STREAMING DEVICES

Play your media on the big screen  
or your favorite devices in the  
best available quality.

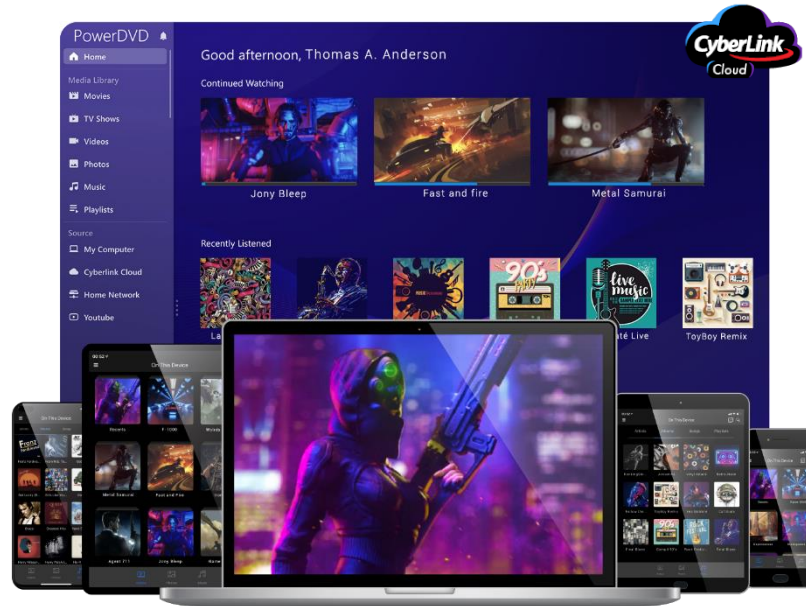






# WATCH ANYWHERE, ANYTIME

Store your media library on the CyberLink Cloud with 100GB of free cloud storage.







# MINIMUM SYSTEM REQUIREMENTS

Operating System:

Ultra HD Blu-ray: Microsoft Windows 11, 10 (64-bit with Fall Creators Update 2017 Oct. updates)

HDR 10 Video File Playback: Microsoft Windows 11, 10 (64-bit with October 2018 Update)

8K Video Playback: Microsoft Windows 11, 10 (64-bit with Fall Creators Update 2017 Oct. updates)

4K Video Playback with TrueTheater: Microsoft Windows 11, 10 (64-bit with Fall Creators Update 2017 Oct. updates)

Blu-ray Disc, DVD: Microsoft Windows 11, 10, 8.1, 7 with Service Pack 1

VR Mode: Windows 11, 10/8.1/7 with Service Pack 1





# MINIMUM SYSTEM REQUIREMENTS

Processor (CPU):

Ultra HD Blu-ray: Intel 7th generation (Kaby Lake) Core i processors and above that support the Intel Software Guard Extensions (Intel SGX) technology.

8K Video Playback: Intel 7th Generation Core i7 (Kaby Lake) with HD (UHD) Graphics 630.

VR Mode: Intel i5-4590, AMD FX 8350 equivalent.

Blu-ray Disc, DVD, and TrueTheater Playback:

Blu-ray Disc playback: Intel Core 2 Duo E6750 (2.66GHz), AMD Phenom 9450 (2.10GHz).

TrueTheater HD\*\* for Blu-ray and HD video: Intel Core i5 (with 4 Cores), AMD Phenom II X6.

DVD playback: Pentium 4 (2.4 GHz), Athlon 64 2800+ (1.8 GHz), AMD Fusion E-series & C-series†.

*\*\* Note: Some Fox titles released from Jul. 2013 will not support TrueTheater HD.*

*† Note: PowerDVD maintains support for processors below 1.6 GHz disabling some non-essential features.*

TrueTheater for video resolutions greater than Full HD: Intel 7th Generation Core i5 (Kaby Lake) with HD (UHD) Graphics 630.

4K Ultra HD with Hardware Acceleration: Intel 3rd generation Core i5.

Media Library Sharing on Home Network: Intel 7th Generation Core i5 for single 1080p video real-time transcoding.

*Note: CyberLink PowerDVD supports 4K Ultra HD video in H.264/MP4 format at bitrates up to 60 Mbps.*





# MINIMUM SYSTEM REQUIREMENTS

Graphics Processor (GPU):

8K Ultra HD Video with Hardware Acceleration:

NVIDIA GTX 10 series; Intel 7th Generation Core i7 (Kaby Lake) with HD (UHD) Graphics 630.

8K video output: GPU and 8K monitor with DisplayPort 1.4 or HDMI 2.1 support.

Note: CyberLink PowerDVD supports 8K Ultra HD video (up to 7680 × 4320 resolution, 30 FPS) in HEVC 8/10bits; VP9 8/10bits (depend on GPU ability).

Ultra HD Blu-ray: Intel 7th generation (Kaby Lake) Core i processors integrated with Intel HD Graphics 630, Intel Iris™ Graphics 640.

Note: Ultra HD Blu-ray is supported only if a display is powered by Intel Graphics and supports HDCP 2.2. If your computer includes more than one graphics processor, Ultra HD Blu-ray is supported only on the display that is connected and powered by Intel Graphics.

VR Mode: NVIDIA GeForce GTX 970, AMD Radeon R9 290 equivalent.

HDR 10 Video Playback: To view High Dynamic Range (HDR) effects from HDR10 Videos, Intel 7th Generation (Kaby Lake) Core i Processors integrated with Intel HD Graphics 630 or Intel Iris Graphics 640, AMD Radeon RX 400 series; RX 500 Series; RX Vega Series, and NVIDIA GTX 950/960, 1000 series (for HEVC HDR 10), RTX 2000 series, GTX 1080 Ti, GTX 1050, GTX 1050 Ti, or GT 1030 (for VP9 HDR 10).





# MINIMUM SYSTEM REQUIREMENTS

## 4K Ultra HD with Hardware Acceleration:

H.264/AVC: 3rd Generation Intel Core i5 (Ivy Bridge).

H.265/HEVC (8bits): 5th Generation Intel Core i5 (Broadwell) or NVIDIA GTX 960.

H.265/HEVC (10bits): 7th Generation Intel Core i5 (Kaby Lake) or Nvidia GTX 1060.

Note: CyberLink PowerDVD supports 4K Ultra HD video in H.264 / MP4 format at bitrates up to 60 Mbps.

## TrueTheater for video resolutions greater than Full HD:

Intel HD/UHD Graphics 630 or Intel Iris Graphics 640 for 4K 30 fps video.

NVIDIA GTX 1060 or AMD RX580 for 4K 60 fps video.

## Blu-ray Disc, DVD, and TrueTheater HD Playback:

Intel HD Graphics, ATI Radeon HD 5000, NVIDIA GeForce 9500GT.

Note: We strongly recommend that you update your graphics card driver to the latest version.

## DVD Playback:

PCI Express graphic accelerator supporting DirectX 9.0.





# MINIMUM SYSTEM REQUIREMENTS

## Mainboard (Motherboard):

**Ultra HD Blu-ray:** A mainboard is required which supports the Intel Software Guard Extensions (Intel SGX) technology. The Intel SGX feature needs to be enabled in the BIOS settings and allocated with 128 MB or above memory space. To view the HDR 10 effect of Ultra HD Blu-ray movies, a mainboard that supports exporting HDR 10 signal is required.

Note: To output Ultra HD Blu-ray movies to an external display, the connection port embedded on the mainboard must support HDCP 2.2. For laptop PCs, please refer to the specification of your laptop to see if the external display connection (HDMI/DisplayPort) supports HDCP 2.2 output.

**HDR 10:** To view HDR 10 video, a mainboard that supports exporting HDR 10 signal is required.







# MINIMUM SYSTEM REQUIREMENTS

## Memory:

4GB (6GB recommended) RAM

Hard Disk Space: 1GB Hard Disk space required for product installation.

## Display Device:

Note: When playing video files on displays larger than Quad HD+ (or any file greater than 3300 X 1900 resolution), CyberLink PowerDVD enters a high performance mode that disables some non-essential playback features. In this mode the following features are unavailable: Video rotation. Video Scene Selector (Video mark in/out). Instant Preview. Instant Zoom (Zoom in/out). Dual subtitle display. Subtitle customization for font, color, and size. If required, you can disable high performance mode in video settings.

## Ultra HD Blu-ray:

Display device with HDMI 2.0a/DisplayPort 1.3 connection interfaces, and must support HDCP 2.2.

Screen resolution: Ultra HD resolution (3840 x 2160).

Display connection: HDMI 2.0a/DisplayPort 1.3 version cable without any adapters/splitters/repeaters.

Note: To enable the High Dynamic Range (HDR) feature of Ultra HD Blu-ray movies, the display device must support the HDR display feature and 10-bit color depth display capability with an HDMI 2.0a/DisplayPort 1.4 connection interfaces. If your display device or GPU doesn't support the HDR feature, PowerDVD will play back the Ultra HD Blu-ray movie under Standard Dynamic Range (SDR) mode.

## Blu-ray Disc, DVD, and TrueTheater Playback:

For Blu-ray titles with AACS and DVD titles with CPRM playback, PowerDVD only allows output to display devices using DVI, HDMI and DisplayPort connector in order to be compliant with copy protection (HDCP).

For other DVD and Blu-ray Disc playback: HDCP compliant display for digital output. TV or computer monitor for analog output.





# FORMAT AND DEVICE SUPPORT

|        |  |
|--------|--|
| Movies | BD-R 1.1/BD-RE 2.1, BD-R 2.0/BD-RE 3.0, BDROM 2.2, BD-J, BDROM Profile 1.1 (Bonus View), BDROM Profile 2.0 (BD-Live), BDROM Profile 6.0 (Ultra HD Blu-ray), AVCHD XAVC-S, DVD-Video, DVD-VR, DVD+VR, VCD,SVCD, CD, BD ISO, DVD ISO   |
| Videos | Conventional Video: 264, 265, 26L, 3G2, 3GP, 3GP2, 3GPP, ASF, AVC, AVI, DIV, DIVX, DVR-MS, FLV <sup>1</sup> , H264, H265, HEVC, JSV, JVT, M1V, M2P, M2T, M2TS, M2V, M4V, MKV, MOD, MOV <sup>1</sup> , MP4, MP4V, MPE, MPEG, MPG, MPV, MTS, QT, TOD, TP, TPD, TRP, TS, TTS, VC1, VOB, VRO, WM, WMV, WTV <sup>2</sup> , WEBM((VP9 + Opus/Vorbis))<br>360 Video: Equirectangular format MP4 (H.264/265). Supports up to 4K resolution in 2:1 aspect ratio.<br>HDR 10 Video: H.265 in MP4, MKV and M2TS, VP9 in WEBM |





# FORMAT AND DEVICE SUPPORT

|           |   |
|-----------|---|
| Photos    | BMP, JPEG, JPG, PNG, TIF, TIFF, ARW, CR2, CRW, DCR, DNG, ERF, KDC, MEF, MRW, NEF, ORF, PEF, RAF, RAW, RW2, SR2, SRF, X3F, GIF, HEIC/HEIF  |
| Music     | AAC <sup>3</sup> , AC3, ADTS <sup>3</sup> , AOB, APE, DTS, FLAC <sup>4</sup> , M4A (AAC, ALAC codec), MID, MKA, MP2, MP3, MPA, OGG, RMI, WAV, WMA, DSD Audio (DSF, DFF)   |
| Subtitles | External (text): SubRip (.SRT), PowerDivX (.PSB), MicroDVD (.SUB), SubViewer (.SUB), SubStation Alpha (.SSA, .ASS), SAMI (*.SMI)<br>External (image): VobSub (.sub+.idx)<br>Embedded: MKV: SSA, ASS, SRT, PGS (Compressed PGS, Uncompressed PGS), VobSub MP4: VobSub, Embedded-Timed Text (MPEG4 PART-17) |





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