

zappitiTM Neo

4K Ultra HD Media Player





Zappiti designs and manufactures only professional grade Video Management Systems; delivering the highest quality, outstanding performance, and best possible user experience.

The award winning Zappiti devices are being successfully used to improve the movie watching experience, in residential and commercial environments all over the globe.

All of the Zappiti products are designed to provide our end-user customers with convenient and intuitive access to their entire movie library collection, featuring an impressive user interface with movie covers. Zappiti scan your video contents (movies and tv shows) located on local drive connected to your Zappiti player, or on a NAS through the local network. Zappiti collect the cover art and various info such as casting, director, release date, rating, etc.

Sit back in your home theater seat with your friends or family. Choose your film easily. Browse a genre. Sort movies by rating, duration, or release date. Read a synopsis. Watch the trailer. Then, press PLAY to enjoy your movie. After the end credits roll, eventually watch the extras or wait for the auto launch of the next episode of your favorite tv show.



Action	Sci-Fi	Fantasy	Adventure	War	Western
History	Drama	Documentary	Music	Romance	Classic
Animation	Crime	Thriller	Horror	Comedy	Other

Media console with three speakers: a subwoofer on the left, a central channel speaker in the middle, and a surround speaker on the right.

Large sectional sofa with multiple cushions and a patterned throw blanket.

Wooden coffee table with a glass vase containing greenery.

Large indoor plant in a glass vase.

Black electronic device, possibly a receiver or amplifier, mounted on the wall.

Black electronic device, possibly a subwoofer, mounted on the wall.

Key Features:

Processor Realtek RTD1619DR
Dolby Vision
HDR10+
Zappiti MagicPixel V3 Video Processing
Dolby VS10 Video Processing
HDD Rack Enclosure up to 20 TB
ISO, M2TS, MKV, TS, MP4
DSD, WAVE, ALAC, FLAC
Dolby Atmos and DTS:X
AV Sync. Adjustment
Widevine Level 1 DRM
LED display HH:MM:SS
IR Extender
Backlite RC

The Zappiti Neo is the first model of the new Zappiti range now featuring Dolby Vision and HDR10+ powered by the Realtek RTD1619DR.

The Zappiti Neo is at the same time a high end media player and a media server capable of streaming content to other Zappiti devices within your house through the exclusive Zappiti Share advanced streaming protocol.

The Zappiti Neo supports the majority of digital audio and video formats, including the most modern 4K HDR standards such as Dolby Vision and HDR10+, almost all recent video file formats, full BD/UHD Menus, HEVC video codec with one billion colors (10-Bit color encoding), VP-9, 3D video standards with 3D subtitles, high resolution audio files such as DSD, FLAC, ALAC, or MQA up to 192kHz and features wide solid chassis, dual HDMI output with audio only for perfect audio video split, an audio-video sync settings option (forward/backward), 4K 60p compatibility, Dolby Atmos and DTS:X, for the best possible home theater experience. The Zappiti Neo offers Android 9, backlit remote control, multi-segment LED display HH:MM:SS controlled with dimmer option and internal bay for 3.5" hard drive (up to 20 TB). The Neo is compatible with Widevine Level 1 DRM to watch premium online video services in 1080p. The Zappiti Neo comes with an IR extender. This allows you to place your Zappiti Neo behind closed doors in a cabinet.



Integration

Zappiti products have been specially designed to operate in high-end installations and integrations using multi-level security locking, IP and IR control codes for ProControl, RTI, Control4*, Crestron*, Savant*, Philips Pronto, Elan*, URC* and Logitech Harmony, a Middle Atlantic rack mount kit and even a Zappiti API for high-end custom integrations. The Zappiti can also be controlled by dedicated app available for tablet and smartphone (iOS and Android devices).



**Coming Soon.*

Zappiti Real Cinema



Cinema movies are shot at 24 frames per second (fps), but most video or Blu-ray files are recorded at 23.976 fps. Today, many multimedia players output a video signal at 24,000 Hz. However, this conversion generates problems of stuttering, in particular on video projectors. Zappiti Real Cinema technology maintains the original frame rate of the file, whether in 23.976 fps or 24,000 fps until the final display in order to enjoy the same fluidity as in the cinema and preserve the original integrity of the work displayed. On the other hand, thanks to autoframerate, the player automatically switches to the correct output frequency depending on the frame rate of the file, namely: 23.976 Hz, 24 Hz, 50 Hz and 59.94 Hz (60 Hz) depending on the type of file being played.

10-Bit & REC.2020

Enjoy an extended color range with the REC.2020 format (much broader color space than traditional video) and an increased number of shades (1024 levels instead of 256 levels per primary color) support for 10-bit color encoding format. The gradients will offer increased nuances; with colors more realistic and vibrant! And if your TV allows it, you can even use 12-bit output for even more subtle nuances.







HDD Slot

With its 3.5" SATA hot-swap rack, the Zappiti Neo is capable of supporting up to 20TB of data internally; the equivalent of about 500 Blu-rays or 250 Ultra HD Blu-ray (bit perfect) on a single hard disk. And as it is possible to exchange hard drives, you have no capacity limit! With the Zappiti Neo, you no longer need to worry about storage problems. Zappiti Video can manage one collection for each drive or one collection for all your drives as you wish.

Hard drive not included.



Dolby Vision

The ultra-vivid image of innovative visual technology Dolby Vision®, brings characters to life with darker darks, brighter brights, and a remarkable color range you can't get anywhere else. Experience a remarkable color palette, sharper contrasts, and incredible brightness that feel more like looking through a window than at a screen. This is HDR like you've never seen it before. Discover subtle details you simply can't see with a standard picture, for a viewing experience without compromise, just as the filmmakers and creators intended. Zappiti Signature media player supports direct playback of full Blu-ray disc images (BDMV and ISO) with menus in Dolby Vision (MEL and FEL), as well as various file formats including MKV, MP4, TS, and M2TS. All popular Dolby Vision profiles (P4, P5, P7 MEL and FEL, P8) are supported. The extended Dolby Vision metadata is used and transmitted to the TV to improve picture quality.

HDR10+

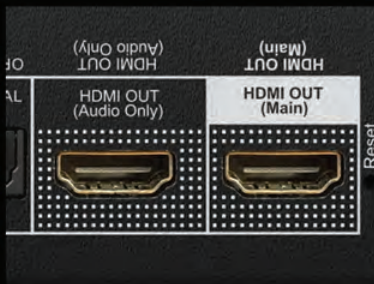
The Zappiti Neo is compatible with the HDR10+ technology. HDR10+ is the latest and most advanced HDR technology, building upon HDR10 to further enhance the viewing experience. HDR10+ signals not just the dynamic range (the ratio of light to dark) of video content on a scene-by-scene (or even frame-by-frame) basis, it also provides, in a small amount of metadata, the scene characteristics between bright and dark so that important detail can be kept. This enables displays to reproduce images more realistically, adhering to the creator's intent. Whereas static HDR, such as HDR10, utilizes static tone mapping uniformly across the duration of the content, HDR10+ employs dynamic tone mapping to optimize each scene individually increasing brightness and adding contrast to fit within a display's capabilities.





HDR > SDR

With the VS10 processor, any HDR content is converted into traditional SDR with perfect color grading. In addition, the Zappiti MagicPixel processing converts Ultra HD video content into extremely high-quality 1080p uncompressed 4:4:4 video for viewing 4K content on Full HD 1080p displays. This process increases the resolution by about 30% compared to Blu-ray on a 1080p TV or projector. With Zappiti MagicPixel v3 and VS10 technologies combined, you can benefit from the benefits of the 4K UHD contents on your 1080p TV or projector. Less compression. More colors. More details! For some 4K projectors, the HDR > SDR conversion by Zappiti provides even better results than the direct HDR display managed by your projector.



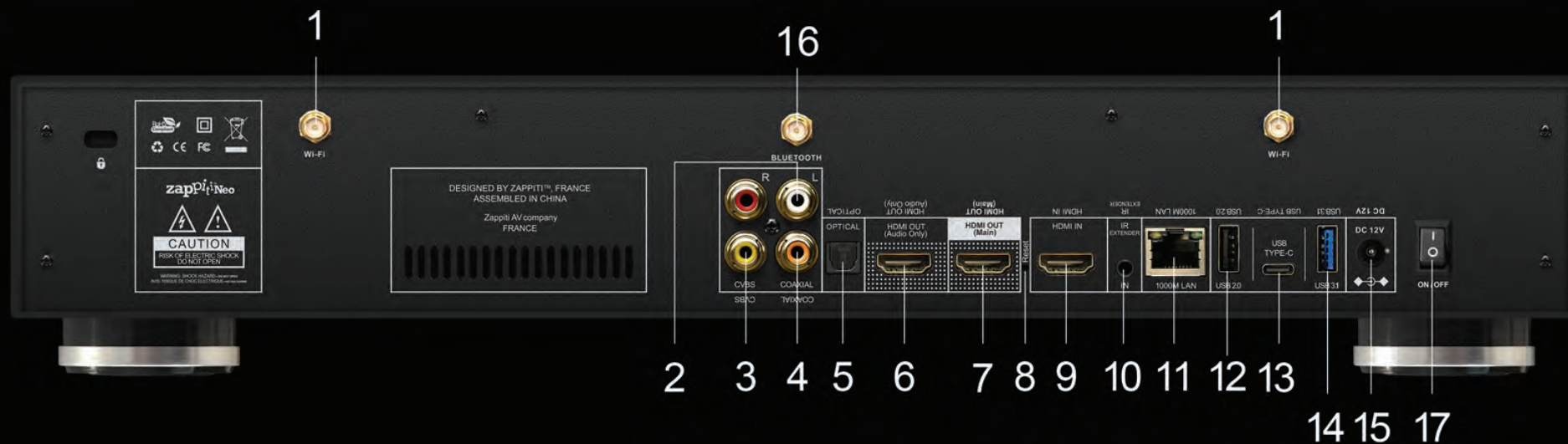
Dual HDMI Output

The Zappiti Neo features two HDMI outputs – one HDMI Out Main port for connecting to the latest UHD 4K TVs, projectors and A/V receivers, and an additional HDMI Out Audio Only port (v1.4) dedicated to audio for connecting to older A/V receivers and for better audio performances. The HDMI Audio Only port features a high-stability, high-precision clock. This design significantly reduces jitter and eliminates timing errors, allowing you to enjoy your audio & video contents with increased accuracy when you use the audio-only HDMI output port for connecting the audio signal to your A/V receiver. In addition, on the video output, the audio stream is automatically muted when the HDMI Audio Only output is used, thereby reducing the effects of video noise on the main HDMI output.



Top-Quality Components

The Zappiti Neo is based on the latest generation Realtek RTD1619 processor which is +77% faster than 4-core ARM A53 used in the previous generation media players. It includes a ARM Mali-G51 MP3 which is +50% faster than Mali T-820 used in the previous generation media players. The Neo embed 4 GB of RAM memory and 32 GB NAN eMMC.



- | | |
|-------------------------------------|----------------------------------|
| 1. Wi-Fi Antenna | 10. IR IN (IR extender included) |
| 2. Analog Audio Output Right / Left | 11. LAN 10/100/1000 |
| 3. Analog Video Output CVBS | 12. USB 2.0 Host |
| 4. Coaxial Digital Audio Output | 13. USB TYPE-C |
| 5. Optical Digital Audio Output | 14. USB 3.1 Host |
| 6. Audio HDMI Output (Audio only) | 15. DC Power 12V 3A |
| 7. Main HDMI Output (Video + Audio) | 16. Bluetooth Antenna |
| 8. Restore | 17. Power ON/OFF |
| 9. HDMI Input | |



Wi-Fi and Bluetooth Antennas



Next



All



Movies



TV Shows



Recents



Categories



Concerts



4K Ultra HD

zappiti™ Video

The Best Media Center

The Zappiti Neo media player includes Zappiti Video, the best entertainment hub available on the market, featuring an impressive user interface with movie covers. Zappiti scan your video contents (movies and tv shows) located on local drive connected to your Zappiti player, or on a NAS through the local network. Zappiti collect the cover art and various info such as casting, director, release date, rating, etc. Sit back in your home theater seat with your friends or family. Choose your film easily. Browse a genre. Sort movies by rating, duration, or release date. Read a synopsis. Watch the trailer. Then, press PLAY to enjoy your movie. After the end credit roll, eventually watch the extras or wait for the auto launch of the next episode of your favorite tv show. Zappiti Video features an astonishing GUI, and optional beautiful skins. Zappiti features automatic top banner (4K Ultra HD Blu-ray, Blu-ray, Blu-ray 3D, DVD, etc...), and special top banner such as: Final Cut, Director's Cut, Theatrical Cut, Unrated, Disc 1/2, Bonus, Concert, Special Edition, etc. It also features: 2.35:1 mode, soundtracks during while browsing movies or TV shows, parental control, control and admin using tablet or smartphone, exclusive Zappiti AI for the best movie identification as possible, exclusive multilingual movie covers with top quality and fanarts database (Zappiti DB in addition to TMDB), search engine, filters and sorts, automatic playback of the next TV show episode and so many exclusive features.





Sagas

Sagas films are automatically placed in groups and sorted by release date. A saga cover dedicated to the collection is associated with the group and movies are displayed in a stunning carousel with great 3D motion effects!



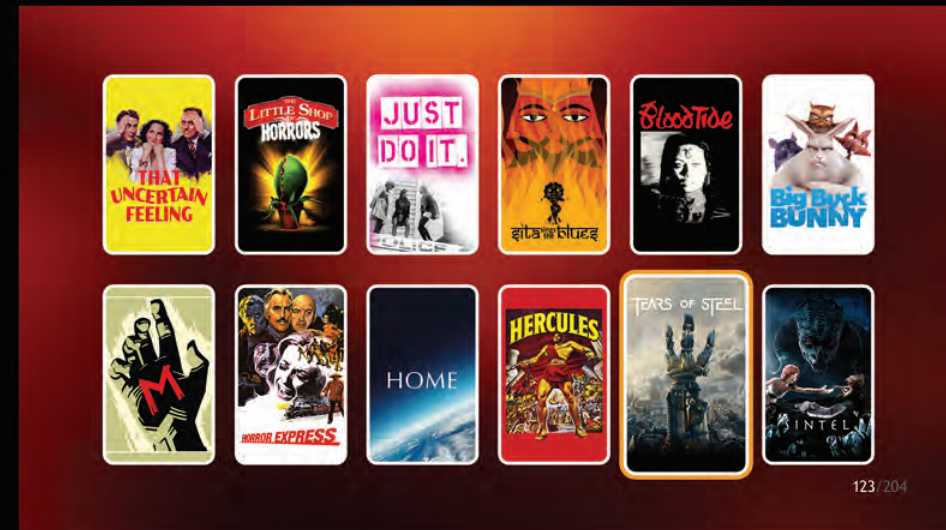
Zappiti Share

With the "Zappiti Share" feature, you can share video files stored on the internal (or external) hard drive to other Zappiti media players (including older generation). So with "Zappiti Share", you can benefit from a true mutiroom video system and playback up to 4 files at the same time in different rooms in Blu-ray quality! (2 in UHD quality). You can also share other types of media files such as music or photo content. Thanks to Zappiti Sync, your movie collections are automatically synchronized to your Zappiti players (multiroom).

With Zappiti Share, you can also administer and edit your collection from your ablet or your smartphone (iOS and Android) or from your computer (Mac / PC).

Zappiti Db

In addition to movie covers collected from TMDb, Zappiti offers its own base of movie covers — Zappiti Db. These thousands of posters were specially designed by the Zappiti graphic design team to perfectly adapt the Zappiti display ratio. Thanks to these high-quality movie covers available in various languages, the titles of the films are always legible, the important visual elements and the texts are not cropped, and the posters are cleaned and standardized for the best possible visual experience. At this time, the Zappiti Db movie cover database contains about 16,000 posters including the most popular and newest movies, but also many classics. And every day, dozens of new posters are added in the Zappiti database.



Zappiti Scope

Zappiti Scope video processing perfects the widescreen home theater experience by using the entire area of the 2.35:1 screen when displaying your Zappiti collection. You can also perfectly adjust the overcan (cropping) using a dedicated tool to perfect match the aspect ratio of your screen. In addition, the Zappiti players are also compatible with resolution 4096x2160 in addition of 3840x2160 for professional use.



Zappiti Filters & Sorting

Zappiti Video features mix of filters and sorting. You can quickly find your favorite TV shows and movies by using both sorting and filters. For instance, you can browse the category "Action", then filter by "seen" and sort by "most recent".



Zappiti BonusLive

Access to additional contents of the movies such as: Making Of, Deleted Scenes, Extracts, Reviews, Bloopers Reels, Soundtracks...



Zappiti Subtitle

Thanks to Zappiti Sub, you can easily download the subtitles of a movie or TV show episode, directly from the Zappiti player!



Zappiti Search

Easy access to your movies or TV shows thanks to Zappiti powerful search engine combined with smart filters (actor, director, length, rating, release date...).



Parental Control

With the parental control feature, you can designate movies as "children's" and block access to other movies with a PIN code. Thus, your children can safely access only their movies! In addition, the child mode provides direct access to movies without the synopsis for greater ease of use. Finally, the parental control feature blocks access to the editing and deleting functions of your Zappiti collection for perfect safety.





AUDIO OUTPUTS / INPUTS

- HDMI Out 2.0b (Video & Audio)
- HDMI Out 1.4 (Audio-Only)
- HDMI In 2.0b (Video & Audio)
- Coaxial Digital Out
- Optical Digital Out
- Analog Audio Stereo RCA Out
- Video CVBS Out

DRMs

- Widevine L1 DRM: Watch premium online video services in 1080p and UHD. Security Level 1 (L1) is a complete processing performed in a Trusted Execution Environment (TEE). This level refers to the highest level of DRM (hardware DRM) and let Zappiti to stream premium video services at resolutions up to UHD quality. Level 2 cannot stream videos higher than 480p.

TECHNICAL

- Chipset Realtek RTD1619DR.
- CPU ARM Cortex-A55 (hexa core). +77% faster than 4-core ARM A53 used in the previous generation media players.
- GPU ARM Mali-G51 MP3. +50% faster than Mali T-820 used in the previous generation.
- 4GB RAM. 2x more than in the previous generation media players.
- 32GB NAN eMMC. 2x more than in the previous generation media players.

DIMENSIONS

- 16.92in × 3.14in × 13.5in (W × H × D)
(43.0cm × 8cm × 28.5cm)

WEIGHT

- 8.59lb (3.9Kg)

POWER

- Max consumption: 42W
- Typical: 39W (Without HDD)
- High power standby: 9W
- Low power standby: 0.02W
- External Power Supply
DC 12V (3A), AC 100-240V

NETWORK

- Gigabit Ethernet (1000 Base-T), Wi-Fi, Bluetooth

OTHER CONNECTIONS

- USB 3.1, USB 2.0 x2 (front & back), USB Type-C

CONTROL

- Ethernet control from Crestron, Control4, Savant, RTI, ProControl, URC, Elan, Logitech, the Zappiti Media Control App for tablet and smartphones. (Coming Soon).
- IR input with provided IR Extender

STORAGE

- Dual HDD Rack up to 20 TB of internal storage

VIDEO DISPLAY FORMATS

- Resolutions: 2160p60/50/30/25/24, 1080p60/50/24, 1080i60/50, 720p60/50, 576i, 576p, 480i, 480p
- Chroma: 4:4:4 8-bit up to 2160p60, 4:4:4 10/12-bit up to 2160p30, 4:2:2 12-bit up to 2160p60, 4:2:0 8/10/12-bit at 2160p50/60 only
- Color spaces: BT.2020, BT.709, BT.601
- Aspect ratios: 1.78:1 and 2.35:1 (Cinemascope), user interface selectable
- HDR support for HDR10, HDR10+, Dolby Vision and metadata
- DTS:X, Dolby Atmos, Auro3D

AUDIO FORMATS

- DTS-WAV, MPEG, MP3, ALAC, APE, M4A, M4A, AIFF, WAV, WavPack, VSELP, FLAC, AAC, AAC-LC, HEAAC, HE-AAC v2, AMR-NB, OGG, LPCM, PCM, ADPCM, MQA, SACD ISO, DSF, DFF (DSD).
- DTS:X Pro, DTS:X, Dolby Atmos, Auro3D
- DTS-HD MA, DTS-HD HRA, Dolby TrueHD, EAC3

MEDIA

- Video File Formats: UHD ISO, 3D BD ISO, BD ISO, BDMV, MKV, MKV 3D, MK3D, MPEG-TS, MPEG-PS, MPEG, MPE, MPG, TS, TP, M2TS, VOB, AVI, MOV, MP4, QT, WebM, DVD-ISO, VIDEO_TS, RMVB, RM, DAT, VOB, 3GP, FLV, DAT, AVCHD 2.0 (AVCHD 3D, AVHD Progressive).
- Video Codecs: HEVC, H.265, x265 (up to Main10 Level 6.1 High 60p in 4K), MVC, AVC, MPEG-2, MPEG-4, VC-1, H.264/x.264 (up to 60p in Full HD and 24p/20 Mbps in 4K), FLV, AVS, XVID, DIVX (from version 4), Sorenson Spark L70, VP9 HW (up to 4K 60p) ; ultra high bitrate support (up to 400 Mbit/s in HEVC 4K).