DUNE HD *Duo* 4K

Dune HD Duo 4K is a new premium full-sized 4K network media player, based on the famous SMP8758 Hi-End chip from Sigma Designs, with professional-grade picture quality, audiophile-grade hardware, advanced media playback features, advanced connectivity and integration options, Smart Home support.

The new model is equipped with two hot swap 3.5" SATA HDD racks each supporting up to 10TB+ HDD, three USB ports, SD card slot, 1Gbit Ethernet, 802.11ac Dual Band 2T2R Wi-Fi, built-in DVB-T/T2/C tuner (for non-US version), built-in Z-Wave controller.

Additionally, Duo 4K has a variety of advanced audiophile features, including the famous ESS SABRE32 Reference DAC (ES9018K2M), XLR balanced stereo audio output, S/PDIF audio input.

> ESS SABRE32 Reference DAC (ES9018K2M), XLR outputs
> Decoding 4K and converting SD/HD to 4K
> VXP professional-grade video processing engine
> Two hot swap 3.5" SATA HDD racks, Wi-Fi 802.11ac, 1Gbit Ethernet
> Full Blu-ray menu navigation
> Built-in Movies Collections Management
> True 24p output, 3D video, HD audio, Hi-End music
> DVB-T/T2/C tuner, Smart Home, Z-Wave

DUNE HD

Specifications

Dune HD Duo 4K

Media processor	Sigma Designs SMP8758 (ARM)
RAM	2 GB
Flash	8 GB
Connectors	3xUSB host, SD card slot, HDMI output, optical S/PDIF audio output, coaxial S/PDIF audio output, composite video output, RCA stereo audio output, XLR balanced stereo audio output, coaxial S/PDIF audio input, external IR port, Ethernet (10/100/1000Mbit), two external Wi-Fi antennas, DVB-T/T2/C RF input/output, 100V-240V AC input
Internal storage	Two internal HDD racks for SATA HDD 3.5", SD card slot
Media sources	Internal HDDs (SATA), external HDDs (USB), external optical disc drives (USB), USB devices (USB flash drive, USB card reader, etc), built-in SD card slot, PC and NAS in local network (SMB, NFS, UPnP/DLNA, HTTP), other Internet and local network media sources
Video codecs	MPEG2, MPEG4, XVID, WMV9, VC1, H.264, H.265, H.265 10-bit; support for very high bitrate video (up to 100 Mbit/s and higher)
Video file formats	MKV, MPEG-TS, MPEG-PS, M2TS, VOB, AVI, MOV, MP4, QT, ASF, WMV, BDMV, DVD-ISO, VIDEO_TS
3D video support	MVC, Side-by-Side, Top-and-Bottom, 3D OSD, 3D subtitles
4K video formats	H.265 up to 4Kp30, H.265 10-bit up to 4Kp30
Video output modes	Wide range of supported output resolutions (up to 1080p60 and 4Kp30) and framerates (including 23.976, 25, 29.97, 50, 59.94)
Video output framerate	Automatic (according to the played content) and manual
Video processor	VXP professional-grade video processing engine
Audio codecs	MPEG-1/2 layer I/II/III, AAC, LPCM, WMA, WMAPro, FLAC, multichannel FLAC, Vorbis, WavPack, APE (Monkey's Audio), ALAC (Apple lossless), SACD (Super Audio CD) (stereo DSD, multichannel DSD, stereo DST), AC3 (Dolby Digital), DTS; support for very high quality audio (up to 192 KHz / 24-bit and DSD512 24.576 MHz); HD audio bitstream passthrough (including DTS HD MA, Dolby True HD, Dolby Atmos, DTS:X)
Audio file formats	MP3, MPA, M4A, AAC, WAV, WMA, FLAC, Ogg/Vorbis, WavPack, APE (Monkey's Audio), ALAC (Apple lossless), SACD (Super Audio CD) (DSF, DFF, ISO), AC3, DTS, DTS-WAV
Subtitle formats	SRT (external), SUB (MicroDVD) (external), text (MKV), SSA/ASS (MKV, external), VobSub (MP4, MKV, external SUB/IDX), PGS (Blu-ray, TS, MKV)
Ethernet	10/100/1000 Mbit/s
Wi-Fi	Internal Wi-Fi module with 802.11b/g/n/ac support, Dual Band 2.4/5GHz, 2T2R, two antennas; Wi-Fi client, Wi-Fi access point/router
Filesystems	FAT16/FAT32 (read-write), EXT2/EXT3/EXT4 (read-write), NTFS (read-write), HFS/HFS+ (Mac OS Standard/Extended) (read-only)
Power	AC ~100V-240V, 50/60Hz, 60W