

DUNE HD TV Series

Universal HD Media Players & IPTV/VOD platform



Dune HD TV-101

Dune HD TV-201

DUNE HD TV-101

(the most compact player on Sigma Designs 8670/8671)



- Processor: Sigma Designs 8670/8671 (totally new: first production: August 2011) - most powerful low-cost solution from Sigma Designs
- RAM: 256 MB
- Flash memory: 128 MB, expandable with USB flash drive
- External interfaces / exterior info: HDMI 1.3 (rear), USB 2.0 (1x front), composite + stereo audio (mini jack, rear), Ethernet 100Mbit/s (rear), 12V power input (rear), LED indicator (front)
- Internal interfaces: USB 2.0 (1x primarily for WiFi 802.11n option. not included into basis price)
- DVB-T or ISDB-T support by request (USB stick option)
- Media sources: external HDD (USB), external optical drive (USB), USB devices (USB flash drive, USB card reader, etc), PC and NAS in local network (SMB, NFS, UPnP, HTTP), other Internet and local network media sources (HTTP, multicast UDP/RTP)
- Web browser: NetFront (ACCESS) or WebKit
- Widgets support when using NetFront browser
- HbbTV and iPlayer support when using NetFront browser
- full DLNA (1.5 or 2.0) standard support,
- Adobe Flash 3.1 (Lite, standalone)
- DRM options: Microsoft DRM10 and PlayReady, Verimatrix, Secure Media, Flash Access (in work). Other DRM can be added by request
- Video codecs: MPEG2, MPEG4, XVID, WMV9, VC1, H.264; support for very high bitrate video (up to 50 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
- Video output modes: wide range of supported output resolutions (up to 1080p) and framerates (including 23.976p, 24p, PAL, NTSC)
- Video output framerate: automatic (according to the played content) and manual
- Audio codecs: AC3 (Dolby Digital), DTS, MPEG, AAC, LPCM, WMA, WMAPro, EAC3 (Dolby Digital Plus), Dolby True HD, DTS HD High Resolution Audio, DTS HD Master Audio, FLAC, multichannel FLAC, Ogg/Vorbis; support for very high quality audio (up to 192 kHz / 24-bit)
- Audio file formats: MP3, MPA, M4A, WMA, FLAC, APE (Monkey's Audio), Ogg/Vorbis, WAV, DTS-WAV, DTS, AC3, AAC
- HD audio support: pass-through (up to 7.1 channels) and decoding (2.0 channels output) of Dolby TrueHD and DTS HD MA audiotracks (Blu-ray, TS, MKV), pass-through (up to 7.1 channels) of multichannel LPCM audiotracks (Blu-ray, TS, MKV), decoding (up to 2.0 channels) of FLAC audiotracks (MKV, external)
- Subtitle formats: SRT (external), SUB (MicroDVD) (external), text (MKV), SSA/ASS (MKV, external), VobSub (MP4, MKV, external SUB/IDX), PGS (Blu-ray, TS, MKV)
- Picture file formats: JPEG, PNG, BMP, GIF
- Playlist file formats: M3U, PLS
- Photo viewer functions: slideshow, transition effects, picture rotation, zoom, browse playlist, repeat, shuffle
- Audio playback functions: browse playlist, repeat, shuffle, ID3 tags, plasma TV burn-in prevention
- Filesystems: FAT16/FAT32 (read-write), EXT2/EXT3 (read-write), NTFS (read-write)
- Ethernet: 10/100 Mbit/s
- WiFi: can be included inside (802.11n) with external antenna or can be added later from outside as USB dongle (not included, Dune HD Air recommended)
- Dune Network Playback Accelerator: special optimizations ensuring best-in-class network playback performance for the Sigma Designs 864x-865x-867x platform and enabling smooth playback of any supported kind of media content via any network protocol (including NFS and SMB) even in 100 Mbit/s Ethernet networks.
- Dimensions: 110mm (width), 77mm (depth), 26mm (height)
- Included: 1m cable from phone-like jack to 3 RCA (A/V); 5V 2A wall-mount power adapter



DUNE HD TV-201

(Compact player on Sigma Designs 8670/8671 with internal 2.5" HDD option)



- Processor: Sigma Designs 8670/8671 (totally new: first production in August 2011) - most powerful low-cost solution from Sigma Designs
- RAM: 256 MB
- Flash memory: 128 MB, expandable with a HDD partition, USB flash drive, or SD card
- Interfaces/exterior info: HDMI 1.3, 2x USB 2.0 (1x rear, 1x side), composite (RCA), component (3xRCA), stereo audio (2xRCA), optical digital audio out, USB 3.0 slave, Ethernet 10/100/1000 Mb/s, Wi-Fi 802.11n optional (not included into basis price), SD card slot (side), 12V power input, power switch (back), LED indicator (front)
- Internal storage: platform and cables for attaching SATA 2.5" HDD inside of a player. USB 3.0 slave interface and provided USB 3.0 (slave-host) cable allow fastest possible way of transferring data between PC and player
- DVB-T or ISDB-T support by request (option)
- Media sources: external HDD (USB), external optical drive (USB), USB devices (USB flash drive, USB card reader, etc), built-in SD card reader (SD/SDHC), PC and NAS in local network (SMB, NFS, UPnP, HTTP), other Internet and local network media sources (HTTP, multicast UDP RTP)
- Web browser: NetFront (ACCESS) or WebKit
- Widgets support when using NetFront browser
- HbbTV and iPlayer support when using NetFront browser
- full DLNA (1.5 or 2.0) standard support,
- Adobe Flash 3.1 (Lite, standalone) supported
- DRM options: Microsoft DRM10 and PlayReady, Verimatrix, Secure Media, Flash Access (in work). Other DRM can be added by request
- Video codecs: MPEG2, MPEG4, XVID, WMV9, VC1, H.264; support for very high bitrate video (up to 50 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
- Video output modes: wide range of supported output resolutions (up to 1080p) and framerates (including 23.976p, 24p, PAL, NTSC)
- Video output framerate: automatic (according to the played content) and manual
- Audio codecs: AC3 (Dolby Digital), DTS, MPEG, AAC, LPCM, WMA, WMAPro, EAC3 (Dolby Digital Plus), Dolby True HD, DTS HD High Resolution Audio, DTS HD Master Audio, FLAC, multichannel FLAC, Ogg/Vorbis; support for very high quality audio (up to 192 kHz / 24-bit)
- Audio file formats: MP3, MPA, M4A, WMA, FLAC, APE (Monkey's Audio), Ogg/Vorbis, WAV, DTS-WAV, DTS, AC3, AAC
- HD audio support: pass-through (up to 7.1 channels) and decoding (up to 7.1 channels) of Dolby TrueHD and DTS HD MA audiotracks (Blu-ray, TS, MKV), pass-through (up to 7.1 channels) of multichannel LPCM audiotracks (Blu-ray, TS, MKV), decoding (up to 7.1 channels) of FLAC audiotracks (MKV, external)
- Subtitle formats: SRT (external), SUB (MicroDVD) (external), text (MKV), SSA/ASS (MKV, external), VobSub (MP4, MKV, external SUB/IDX), PGS (Blu-ray, TS, MKV)
- Picture file formats: JPEG, PNG, BMP, GIF
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- Filesystems: FAT16/FAT32 (read-write), EXT2/EXT3 (read-write), NTFS (read-write)
- Ethernet: 10/100/1000 Mb/s
- WiFi: can be included inside (802.11n) with external antenna or can be added later from outside as USB dongle (not included, Dune HD Air recommended)
- Cables: SATA 3.0 cable (slave to host), A/V cable (3x RCA)
- Dune Network Playback Accelerator: special optimizations ensuring best-in-class network playback performance for the Sigma Designs 864x-865x-867x platform and enabling smooth playback of any supported kind of media content via any network protocol (including NFS and SMB) even in 100 Mbit/s Ethernet networks.
- Dimensions: 160mm (width), 115mm (depth), 36mm (height)

