



HDiDUNE
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3.0

2009

Dune HD Base 3.0



Dune HD Base 3.0 is the most affordable solution for Full HD (1080p) video playback based on Sigma Designs 8642 platform with an internal HDD. Includes a comprehensive set of connectors: three USB 2.0 ports (one front, two back), eSATA port, Ethernet 1Gbit/s, HDMI 1.3, S/PDIF (optical and coaxial), 7.1 analog audio, 2.0 analog audio, component video, composite video.

Key features:

- SATA HDD compartment for fast and easy HDD exchange
- Playback of full Blu-ray structures from HDD and network (with Blu-ray menu, BD-J, BonusView, BD-Live)
- Playback of video, music, photos from any media source (HDD, PC, NAS, etc)
- Support for modern video file formats (MKV, H.264, VC1, etc) with very high bitrate (up to 50+ Mbit/s)
- Pass-through and decoding of HD audio formats, including Dolby TrueHD and DTS HD Master Audio
- IPTV playback and recording, Internet radio, BitTorrent client (direct download of content from Internet)
- Powerful file manager (copy, move, delete, rename, etc), built-in FTP and SMB file server (NAS function)
- FullHD-quality, fast, convenient, customizable interface (with covert-art and icon browsing support)
- Future (free f/w upgrade): Flash Lite 3 support
- Future (free f/w upgrade): Netflix support (for the USA market)

Specification:

- Media sources: internal HDD (SATA 3.5"), external HDD (eSATA, USB), external optical drive (eSATA, USB), USB devices (USB flash drive, USB card reader, etc), PC and NAS in local network (SMB, NFS, UPnP, HTTP)
- Video file formats: MKV, MPEG-TS, MPEG-PS, M2TS, VOB, AVI, MOV, MP4, QT, ASF, WMV, Blu-Ray-ISO, BDMV, DVD-ISO, VIDEO_TS
- Audio file formats: MP3, MPA, M4A, WMA, FLAC, WAV, DTS-WAV, DTS, AC3, AAC
- Picture file formats: JPEG, PNG, BMP, GIF
- Video codecs: MPEG2, MPEG4, XVID, WMV9, VC1, H.264
- 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
- Subtitle formats: SRT, SUB, text/SSA/ASS (MKV), VobSub (MP4), PGS (full Blu-ray mode)
- Playlist file formats: M3U, PLS
- Access to network: browser of network shares (SMB, UPnP), user-defined shortcuts to network shares (SMB, NFS), links to HTTP media streams
- NAS function: SMB and FTP access from network to the player's attached storage devices
- Optical disc formats (when using an external optical drive): data discs (CD/DVD/BD) (MP3, JPEG, etc), Audio CD (PCM/DTS), DVD-Video (retail and user-authored discs), Blu-ray (user-authored discs)
- IPTV: direct playback and recording of multicast IPTV streams (raw-UDP and RTP-over-UDP, SD and HD)
- Internet radio: HTTP/MP3
- Photo viewer: slide-show function, picture transition effects, picture rotation
- Playlists: music/photos/video, user-defined and automatically generated playlists, repeat and shuffle
- Upscaling: high-quality upscaling and deinterlacing of DVD and other SD content to HD resolution (up to 1080p)
- Video output modes: wide range of supported modes and resolutions, including 23.976p, 24p, PAL, NTSC
- Filesystems: FAT16/FAT32 (read-write), EXT2/EXT3 (read-write), NTFS (read-only)
- Processor: Sigma Designs 8642
- Memory: RAM 512 MB, system Flash: 1 GB+, BD-Live: 1 GB+
- Dimensions: 420 mm (width) x 262 mm (depth) x 50 mm (height)

Options

- Wi-Fi 802.11n
- Internal 2.5" SATA HDD
- Future option (Autumn 2009): RF remote, based on Z-Wave technology, a heart of an affordable Smart Home system

Dune BD Prime 3.0



Dune BD Prime 3.0 is the most comprehensive solution for Full HD (1080p) video playback based on Sigma Designs 8642 platform with a built-in Blu-ray drive and support for retail Blu-ray discs. Includes: three USB 2.0 ports (one front, two back), eSATA port, Ethernet 1Gbit/s, HDMI 1.3, S/PDIF (optical and coaxial), 7.1 analog audio, 2.0 analog audio, component video, composite video.

Key features:

- Playback of retail Blu-ray and DVD discs
- Playback of full Blu-ray structures from HDD and network (with Blu-ray menu, BD-J, BonusView, BD-Live)
- Playback of video, music, photos from any media source (HDD, PC, NAS, etc)
- Support for modern video file formats (MKV, H.264, VC1, etc) with very high bitrate (up to 50+ Mbit/s)
- Pass-through and decoding of HD audio formats, including Dolby TrueHD and DTS HD Master Audio
- IPTV playback and recording, Internet radio, BitTorrent client (direct download of content from Internet)
- Powerful file manager (copy, move, delete, rename, etc), built-in FTP and SMB file server (NAS function)
- FullHD-quality, fast, convenient, customizable interface (with covert-art and icon browsing support)
- Future (free f/w upgrade): Flash Lite 3 support
- Future (free f/w upgrade): Netflix support (for the USA market)

Specification:

- Media sources: built-in Blu-ray drive, external HDD (eSATA, USB), external optical drive (eSATA, USB), USB devices (USB flash drive, USB card reader, etc), PC and NAS in local network (SMB, NFS, UPnP, HTTP)
- Video file formats: MKV, MPEG-TS, MPEG-PS, M2TS, VOB, AVI, MOV, MP4, QT, ASF, WMV, Blu-Ray-ISO, BDMV, DVD-ISO, VIDEO_TS
- Audio file formats: MP3, MPA, M4A, WMA, FLAC, WAV, DTS-WAV, DTS, AC3, AAC
- Picture file formats: JPEG, PNG, BMP, GIF
- Video codecs: MPEG2, MPEG4, XVID, WMV9, VC1, H.264
- 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
- Subtitle formats: SRT, SUB, text/SSA/ASS (MKV), VobSub (MP4), PGS (full Blu-ray mode)
- Playlist file formats: M3U, PLS
- Access to network: browser of network shares (SMB, UPnP), user-defined shortcuts to network shares (SMB, NFS), links to HTTP media streams
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- Internet radio: HTTP/MP3
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