

HS8086-II

# TurboTV Bar

## Make your TV smart



1080p HD video

Wireless & Wired Network

Works with Virtually Any TV

Surf the Net, Skype Video, MSN chat, on line Email/ Movies/ Netflix

### Introducing TurboTV Bar

TurboTV Bar is a new generation of IPTV Set Top Box utilizing Google's powerful Android operating system on ARM's Cortex A8 and 3D graphics processors to make your TV smart. It allows customers to watch TV shows, stream Netflix, surf the Internet, play video games, Skype video call to friends and relatives. TurboTV Bar supports HD media contents up to 1080p. TurboTV Bar is your total home entertainment system in a box. Customers can play their movie/video, music and photo collection on their TV from their USB hard drive. With the built-in camera and microphone, friends can connect with each other through Skype or other VoIP services. TurboTV Bar supports thousands of available Android Apps. With its compact and slick design, Android Bar fits nicely on top of any LCD TV panel and ready for video calls and TV streaming. Get your TurboTV Bar to experience the latest technology in online entertainment.



### Wired & Wireless Internet



TurboTV Bar supports both wired and wireless (WiFi) networks and provides other network functions such as IPTV, online video, web browsing and emails. Users can also upload and share their favorite videos and contents with friends. It offers users with wonderful entertainment and business experience.



### Online Video-on-Demand (VoD)



TurboTV Bar supports HD videos on all online VoD websites such as CIPHERKEY IPTV, Netflix, Youtube, Youku, QIYI, Sohu etc. allowing users to view millions of video programs in various video formats such as: MOV, MKV, AVI, RMVB, RM, TS, TP, M2TS, VOB, DAT, MPEG, MP4, PMP, 3GP, FLV, WMV and ASF.



### Video Phone and Conferencing



With the use of Built-in programs such as Skype or MSN, bridging the distance has never been this easy. With the TurboTV Bar, users can connect with each other, send wave to your parents, 'hello' to your kids or share stories to your friends even if they are miles away.



### An abundance of High-quality 3D Games



Equipped with air mouse and G-sensor technology, TurboTV Bar supports 3D games. It can smoothly run games such as "Angry Birds" and "Asphalt 5". With sensitive operations and quick reactions, users can have the same experience as holding a joystick, playing Xbox or Playstation.



### Thousands of Downloadable Applications



Android market provides thousands of applications which can be downloaded through TurboTV Bar. Twitter, e-readers, online videos and games lets users play with ease. User friendly interface and easy-to-operate applications provide users with endless possibilities.

## Product Features:

- Based on Android 4.0 OS, TurboTV Bar supports WiFi/Ethernet connectivity, online upload and download.
- Supports online and local 2D/3D games.
- Supports different audio formats: MP3, WMA, FLAC, AAC, OGG, WAV, APE with closed captioning.
- Supports different video formats: MPEG-1, MPEG-2, MPEG-4, H.263, H.264, AVS, VC-1, RV, MKV, HTML5, FLV, VP8 (Webm).
- Supports resolutions up to 1920x1080P for high-definition output display.
- Supports WiFi hot-spots and shared data connection up to 8 external equipments.
- Supports Android Market application installation and use of APK applications.
- Supports automatic browsing of JPG, BMP, JPGE and GIF format files.
- Energy conservation settings – automatically closes the screen and activate sleep modes when idle.
- Supports simplified Chinese, Traditional Chinese, English and many other languages.
- High-speed USB 2.0 transmission and 2.4G wireless keyboard/mouse.
- Supports multitasking (eg. Background music while browsing the Internet) and extended TF functionalities (maximum 32G).

## Specifications:

Classifications		Parameters		Comments	
Processor		ARM Cortex-A8		Max 1.2 GHz; 55 nm technology	
The Chips		RK2908		Rockchip SOC	
Memory		1) DDRIII 1GB; 2) NAND flash 4GB		NAND flash can be extended	
OS		Android 4.0.4		Android 4.0.4	
Power		DC 12V		110V AC power adapter	
Audio/Video Output		HDMI 1.3、 3.5mm CVBS		HDMI & CVBS ports	
Peripheral Interface		IrDA, 2.4G wireless adapter, Bluetooth, USB 2.0, OTG*1, USB 2.0 HOST*1, TF card, 2M pixels camera & MIC		IrDA can be used for remote control Bluetooth version 2.1 EDR	
Net Interface		WiFi; Ethernet		SDIO WiFi; Ethernet 10 / 100Mbps	
Multi-Media Formats	Video	DAT, MPG, VOB, TS	MPEG1/2	48*48 pixels to 1920*1080 pixels	
		AVI, MKV, MP4, MOV, 3G	MPEG4, XviD, DivX3/4/5/6, Ms MPEG4v3	48*48 pixels to 1920*1080 pixels	
		RM, RMVB	Real Video 8/9	48*48 pixels to 1920*1080 pixels	
		AVI, MKV, MP4, MOV, 3G	H.264/AVC	48*48 pixels to 1920*1080 pixels	
		FLV	Sorenson Spark	48*48 pixels to 1920*1080 pixels	
		3GP, MOV, MP4	H.263	48*48 pixels to 1920*1080 pixels	
		WEBM	VP8	48*48 pixels to 1920*1080 pixels	
	Audio	Mp1, mp2, mp3	MPEG1/2/2.5 Audio Layer 1/2/3		8 kbps to 320 kbps, CBR and VBR
		WMA	WMA Version 4, 4.1, 7, 8, 9		8 kbps to 320 kbps
		WMV	MS-ADPCM, IMA-ADPC, PCM		N/A
		APE	APE Ver.3.95, 3.97, 3.98, 3.99		N/A
		OGG	Q1-Q10		N/A
		FLAC	Compress Level 0-8		N/A
Photo	AAC	ADIF, ATDS Header AAC-LC and AAC-HE		N/A	
	JPEG	Input JPEG file size is from 48x48 to 8176x8176 pixels Maximum data rate is up to 76 million pixels per second			

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