

Quick Start Guide

Model No. TBS2980

Matrix 2 is an Android mini PC powered by the latest eight computing cores processor(AllWinner A80 octa-core processor). With Matrix 2 connected to your TV, you can play Android games, exploring internet, watch youtube, Netflix and many other movies. Matrix 2 supports up to 4K ultra HD movies playing. Kodi(XBMC)/OpenElec can also be installed to Matrix 2, so you can enjoy the great features of Kodi(XBMC) as home media center. Browse www.tbsdtv.com for more information.

Specifications

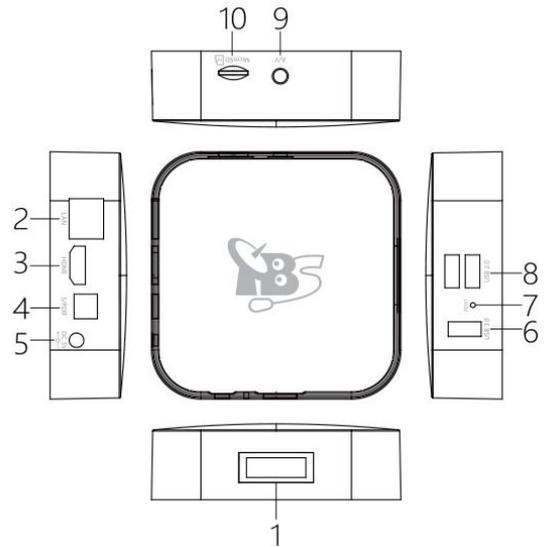
System-on-a-Chip (SoC)	Allwinner A80
CPU	Octa-core big.LITTLE Cortex-A15/7
GPU	64-core PowerVR G6230
RAM	2GB DDR3
USB Ports	1x USB 3.0
	2x USB 2.0
Audio & Video	CVBS port
	HDMI port
	Optical (S/PDIF)
Storage	8GB eMMC
	1x micro SD card slot
Network	10/100/1000 wired Ethernet
	WIFI IEEE 802.11a/b/g/n dual-band
	Bluetooth 4.0
Video Format	Decoder: mkv, wmv, mpg, mpeg, dat, avi, mov, iso, mp4, rm
	Encoder: H.265 HEVC MP@L5.0 up to 4Kx2K@30fps
Audio Format	MP1, MP2, MP3, WMA, WAV, OGG, OGA, APE, FLAC, AAC, M4A, 3GPP
Operating System	Android 4.4
Power Input	DC 5V, 3A
Dimension	Product: 4*4*1 Inch

What's in the box

- 1x Matrix 2
- 1x Power Adapter
- 1x Remote Control
- 1x User Guide

Interface overview

1. IR sensor: for receiving signal from remote control. Remote control should aim at IR sensor to send control signal.
2. LAN: for wired network connection.
3. HDMI: HDMI output for Video and Audio.
4. S/PDIF: Digital audio output.
5. DC 5V: Power input.
6. USB 3.0 port: for USB 3.0 devices connection.
7. Reset: Click reset button while plug in the power adapter will restore the system to factory settings.
8. USB 2.0 ports: for USB 2.0 devices connection.
9. A/V: Audio/Video output.(A/V cable not included in the box).
10. MicroSD/TF slot: for Micro SD or TF card insertion. Insert the Micro SD or TF card according to the direction shown on the case.



Other things you need to get started

- Display Devices: Monitor or TV with HDMI port
- HDMI Cable
- A/V Cable: If you prefer A/V connection to your display devices, otherwise HDMI output is recommended
- Keyboard & Mouse: Optional, you can just use the remote control
- Network

Connect and boot

1. Connect Matrix 2 to your display device.
2. Connect network cable to the LAN port if you prefer wired network. If you want to use wireless network, you don't need to connect the network cable.
3. Connect keyboard & mouse to the USB ports. If you use remote control, you don't have to connect keyboard or mouse.
4. Connect power adapter and Matrix 2 will boot.
5. Take out the insulation sheet before using the remote control.

Android system

Matrix is preinstalled with Android OS, several APPs are preinstalled, you can download and install more APPs from Google Playstore, then it's time to enjoy:

- Films & videos
- Games
- Social network

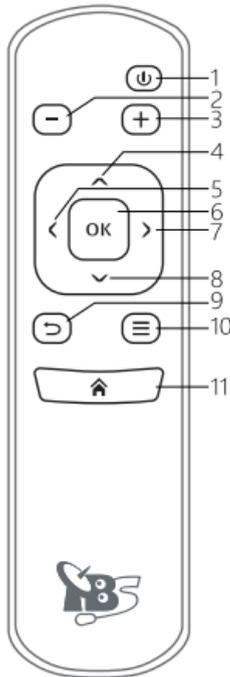
and a lot more interesting things that you can do within an Android system.

Set up Network:

- 1) For wired connection, click “settings”—“Ethernet”, you can select “DHCP mode” to get IP address automatically or set up IP address manually.
- 2) For wireless connection, click “settings”—“Wifi”, select your wireless network and connect.

* visit www.tbsdtv.com for more information about other supported operating systems.

Remote control guide



	Button	Function
1	power	short press to standby long press to power off NOTE: this key cannot be used to turn on the device
2	volume-	decreases the volume
3	volume +	increases the volume
4	^ up	go up
5	< left	go left
6	OK	confirm or enter
7	> right	go right
8	v down	go down
9	back	return to the previous window
10	menu	open options on the window
11	home	return to home window

Trouble Shooting

- 1) If the box hangs, you can power off and on to restart the box.
- 2) If the box can't boot, reset the box to restore the system to factory setting. Note: use with cautious, “reset” will erase all your current settings and APPs. To reset: Use a pin to push the reset button while plug in the power adapter, the restoring process will start and show on the screen, release the reset button and wait until restoring process completes.
- 3) The remote control doesn't work.
Before using the remote control, you need to open the battery cover and take out the insulation sheet. Remote control should aim at IR sensor to send control signal and the distance should not be over 8 meters.
- 4) Contact support@tbsdtv.com for further technical questions.