

Features:

COOLEME® MB2, a real Home Entertainment Center for Games/Apps/UHD Videos/Dolby Audio

Amlogic S912 Octa Core ARM Cortex-A53 CPU up to 2GHz (DVFS)

ARM Mali-T820MP3 GPU up to 750MHz (DVFS)

2GB RAM DDR3 + 16GB eMMC Flash ROM

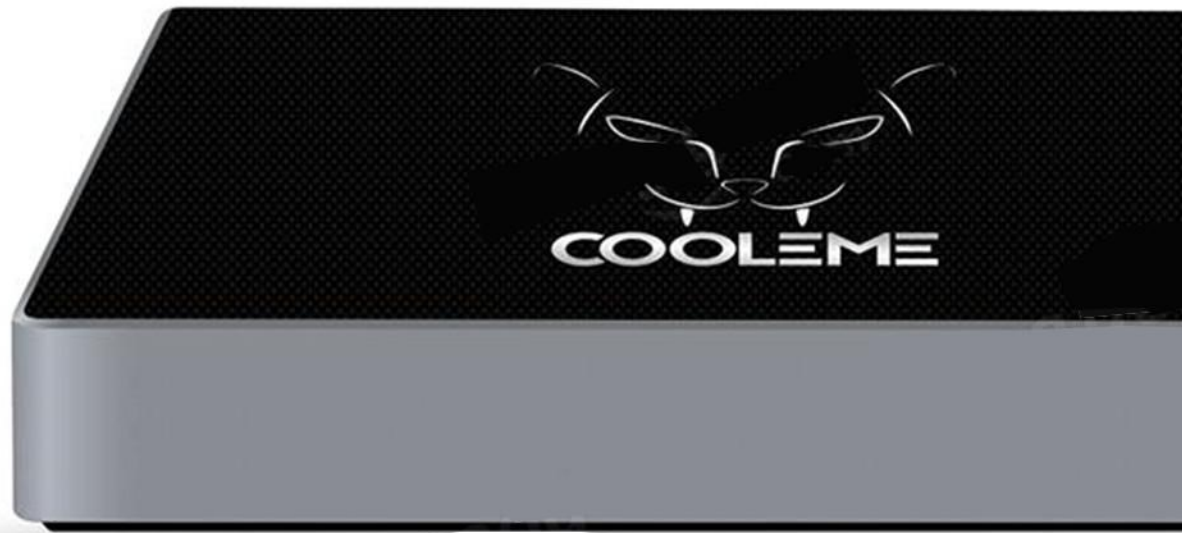
1000Mbps LAN + IEEE 802.11b/g/n/ac 2.4G+5.8G Wi-Fi + Bluetooth 4.0

VP9-10 Profile-2 up to 4Kx2K@60fps

H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps

HDR10 and HLG HDR processing

NEW



COOLEME MB2

Home Media Entertainment Cent

8 Core
CPU

T820MP3
GPU

H.265
4K 10bit

VP10
HW Decoding

AVE-10
CODEC

HDR10
HLG HDR

HD 2.0
Video Output

WiFi
2.4G+5.8G
ac

BT
4.0

Android
6.0

NEW

CO



Amlogic
S912

CPU
8 Core
A53

T820MP3
GPU

4K
60fps

H.265
HEVC

eMMC
Design

2GB
RAM

16GB
ROM

1000
LAN

NEW

Powerful 4K Media Player

- Support 4K 60Hz HD2.0 and CVBS output
- Maximum support HEVC 4k 10bit 60Hz
- KODI Support :
Dolby / dts audio decoding

8 Core
CPU

T820MP3
GPU

H.265
4K 10bit

VP10
HW Decoding

AVE-10
CODEC

	S912
4K 8bit 30Hz	Play very smooth
4K 8bit 60Hz	Play very smooth
4K 10bit 30Hz	Play very smooth
4K 10bit 60Hz	Play very smooth



NEW

Gigabit Ethernet

COOLEME MB2 to 10/100/1000 Ethernet Jack.

- Faster data transfer
- Internet browsing Web sites faster



CO



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NEW

Feature 2GB DDR3 RAM, and 16GB eMMC Flash



COOLEME MB2 utilizes the latest version eMMC memory which users can enjoy faster read & write speed.

- Safe and reliable
- Data stable/Data is not lost
- Faster read and write



NEW



2.4G+5.8G
ac

COOLEME MB2
which supports IEEE 802.11 a/b/g/n/ac
and users can enjoy both download &
upload simultaneously.

25Mbps
Wifi2.4G

50Mbps
Wifi5.8G

CE RoHS INPUT: 5VDC - 2A
MADE IN CHINA

NEW

4.0
BT

COOLEME MB2

Embedded with BT 4.0 module which is compatible with 2.0, 2.1 and 3.0 all BT standards that means it can save more power consumption and reduces 3 millisecond delay, the transfer-distance can be over 10M supporting AES-128 coding.

10M

Transfer-distance





- Supports*.mkv,*.wmv,*.mpeg,*.dat,*.avi,*.iso,*mp4,*.rm and*.jpg file formats
- Supports MP3,AAC,WMA,RM,FLAC,Ogg and programmable with 7.1/5.1 down
- Supports and standard SD/HD/FHD video output formats: 480i/p,576i/p,720p,

Specifications:

System Config	
OS	Android 6.0

Language	Multi-language
CPU	Amlogic S912 Octa Core ARM Cortex-A53 CPU up to 2GHz(DVFS)
GPU	ARM Mali-T820MP3 GPU up to 750MHz(DVFS)
RAM	DDR3 2GB
ROM	eMMC Flash 16GB
Ethernet	1000Mbps LAN
WIFI	IEEE 802.11 b/g/n/ac, 2.4G+5.8G, dual-band WiFi
Bluetooth	Bluetooth 4.0
Antenna	Built-in antenna for WIFI
Expand Memory	Micro SD Card (Maximum support 32GB)
Powerful codec capabilities	
UHD 4K 60fps HW decoding, supports multiple formats including H.265 10-bit, H.264 and AVS+	
FHD 1080p 60fps HW encoding, supports H.264	
Video/Picture Decoding	
VP9-10 Profile-2 up to 4Kx2K@60fps	
H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps H.264 AVC HP@L5.1 up to 4Kx2K@30fps	
H.264 MVC up to 1080P@60fps	
MPEG-4 ASP@L5 up to 1080P @60fps	
WMV/VC-1 SP/MP/AP up to 1080P@60fps	
AVS-P16(AVS+)/AVS-P2 JiZhun Profile up to 1080P@60fps	
MPEG-2 MP/HL up to 1080P@60fps(ISO-13818)	
MPEG-1 MP/HL up to 1080P@60fps(ISO-11172)	
RealVideo 8/9/10 up to 080P@60fps	
WebM up to VGA	
Multiple language and multiple format sub-title video support	
MJPEG and JPEG unlimited pixel resolution decoding(ISO/IEC-10918)	
Supports JPEG thumbnail,scaling,rotation and transition effects	
Supports*.mkv,*.wmv,*.mpeg,*.dat,*.avi,*.iso,*.mp4,*.rm and*.jpg file formats	

Video Post-Processing Engine	
1. Supports HDR10 and HLG HDR processing	
2. Motion adaptive 3D noise reduction filter	
3. Advanced motion adaptive edge enhancing de-interlacing engine	
4. 3:2 pull-down support	
5. Programmable poly-phase scalar for both horizontal and vertical dimension for zoom and windowing	
6. Programmable color management filter(to enhance blue,green,red,face and other colors)	
7. Dynamic Non-Linear Luma filter	
8. Deblocking filters	
9. Programmable color matrix pipeline	
10. video mixer: 2 video planes and 2 graphics planes per video output	
Video Output	
1. Built-in HD 2.0 transmitter including both controller and PHY with CEC,HDR and HDCP 2.2,4Kx2K@60 max resolution output	
2. CVBS 480i/576i standard definition output	
3. Supports and standard SD/HD/FHD video output formats: 480i/p,576i/p,720p,1080i/p and 4Kx2K	
Audio Decoder and Input/Output	
1. Supports MP3,AAC,WMA,RM,FLAC,Ogg and programmable with 7.1/5.1 down-mixing	
2. I2S audio interface supporting 2-channel input and 8-channel(7.1) output	
3. Built-in serial digital audio SPDIF/IEC958 output and PCM input/output	
4. Built-in stereo audio DAC	
5. Stereo digital microphone PDM input	
6. Supports concurrent dual audio stereo channel output with combination of analog+PCM or I2S+PCM	
Power management	
Power management	Adapter DC 5V 2A(100-240V, 50/60Hz)
Button & Ports	
DC-in	1*DC in Port
USB2.0	2*Standard USB Port

HD	1*HD Type Port
RJ45	1*RJ45 (1000Mbps network connection)
SPDIF	1*S/SPDIF (5.1CH, 7.1CH)
TF Card Slot	1*Micro SD card slot
Power LED	1*Power LED with two - color

Package included:

- 1 x COOLEME MB2 TV BOX
- 1 x HDMI Cabel
- 1 x Remote Control
- 1 x Power Supply
- 1 x Gift Box
- 1 x Manual