



4K Android TV Box with 4G LTE Wireless Router

DB-100



KEY FEATURES

4K
4K

AV1
AV1

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE
HDMI

4G
LTE
4G LTE

CAT4
CAT4

5
Wi-Fi 5

2T2R
2x2 MIMO

WAN/LAN

Bluetooth 5.0

A905Y4
Amlogic S905Y4

2 GB
LPDDR4
2GB LPDDR4

32 GB
eMMC
eMMC 32GB

Technical Specifications

DB-100

Hardware Parameters

CPU Chipset	Amlogic S905Y4
CPU	16.5k DMIPS
GPU	ARM Mali-G31 MP2
RAM	2GB LPDDR4
Flash	eMMC 32GB

Network

Bluetooth	Bluetooth 5.0
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DRM

Widevine Level	Support, Level 1
PlayReady	Support, SL3000

Audio

Audio Decoding	Supports MP3, AAC, WMA, RM, FLAC, and programmable with 7.1/5.1 down-mixing
DTS	Support

Video

Video Decoding	AV1 MP-10@L5.1 up to 4Kx2K@60fps VP9 Profile-2 up to 4Kx2K@60fps H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps AVS2-P2 Profile up to 4Kx2K@60fps H.264 AVC HP@L5.1 up to 4Kx2K@30fps MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496) 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 1080P@60fps
Video File Format	Supports *.mkv,*.wmv,*.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm and *.jpg file formats
Video Resolution	480i/p, 576i/p, 720p, 1080i/p and 4Kx2K
Video Output	HDMI 2.1a out 4Kp60 with ALLM, VRR, QMS, QFT, SBTM , HDCP2.3

STANDARDS COMPLIANCE

3GPP	3GPP R8,R9
LTE UE Category	CAT 4
Bands	LTE-FDD: B1/B3/B5/B7/B8/B20/B28 LTE-TDD: B34/B38/B39/B40/B41 WCDMA/HSPA: B1/B5/B8
Wi-Fi	802.11b/g/n

BASIC FEATURES

Data Speed	LTE FDD: Max.150Mbps(DL)/50Mbps(UL) HSDPA: Max.21Mbps(DL)(Category 14) HSUPA: Max.5.76Mbps(UL)(Category 7) WCDMA: Max384Kbps(DL)/384Kbps(UL)
USIM	Single, 4FF
LTE MIMO	1T2R
Wi-Fi Frequency	2.4GHz & 5GHz
Wi-Fi MIMO	2 x 2

Technical Specifications

DB-100

Basic Features

Interface	2xFE RJ45 Port 5xLEDs(Power, 4G, WiFi5, WAN, LAN) 1xType-c Reset Key USIM (4FF)
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WLAN Clients	16
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BASIC SOFTWARE FEATURES

Configuration	Web GUI
FOTA	Yes
TR069	Optional
SIM Management	Yes
Wi-Fi Security	WPA2-PSK
Language	English (can be customized)

LED Definition

Power	Power Supply Indicator
4G	Network Signal Status Indicator
Wi-Fi	Wi-Fi Status Indicator
WAN	WAN Status Indicator
LAN	LAN Status Indicator

ENVIRONMENTAL SPECIFICATIONS

ENVIRONMENTAL SPECIFICATIONS	-20 ~ 50°C
Storage Temp	-40 ~ 85°C
Operation Humidity	5% ~ 95%