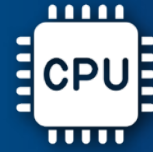
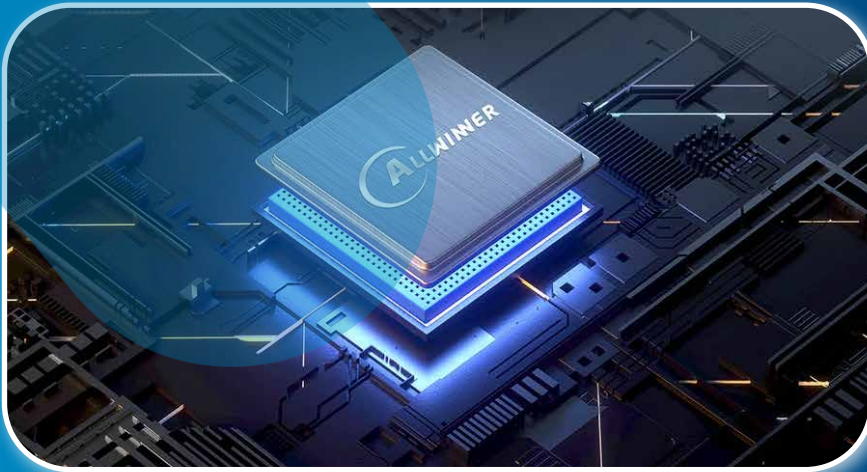


Snappy Android Mini PC

J503





CPU
Cortex A53



GPU
Multi-Core G31



802.11a/b/g/n/ac
2.4G / 5G



5.0





Embedded Multiple Network Protocols



DFOTA



Enhanced remote Communication at command

4G LTE

150Mbps

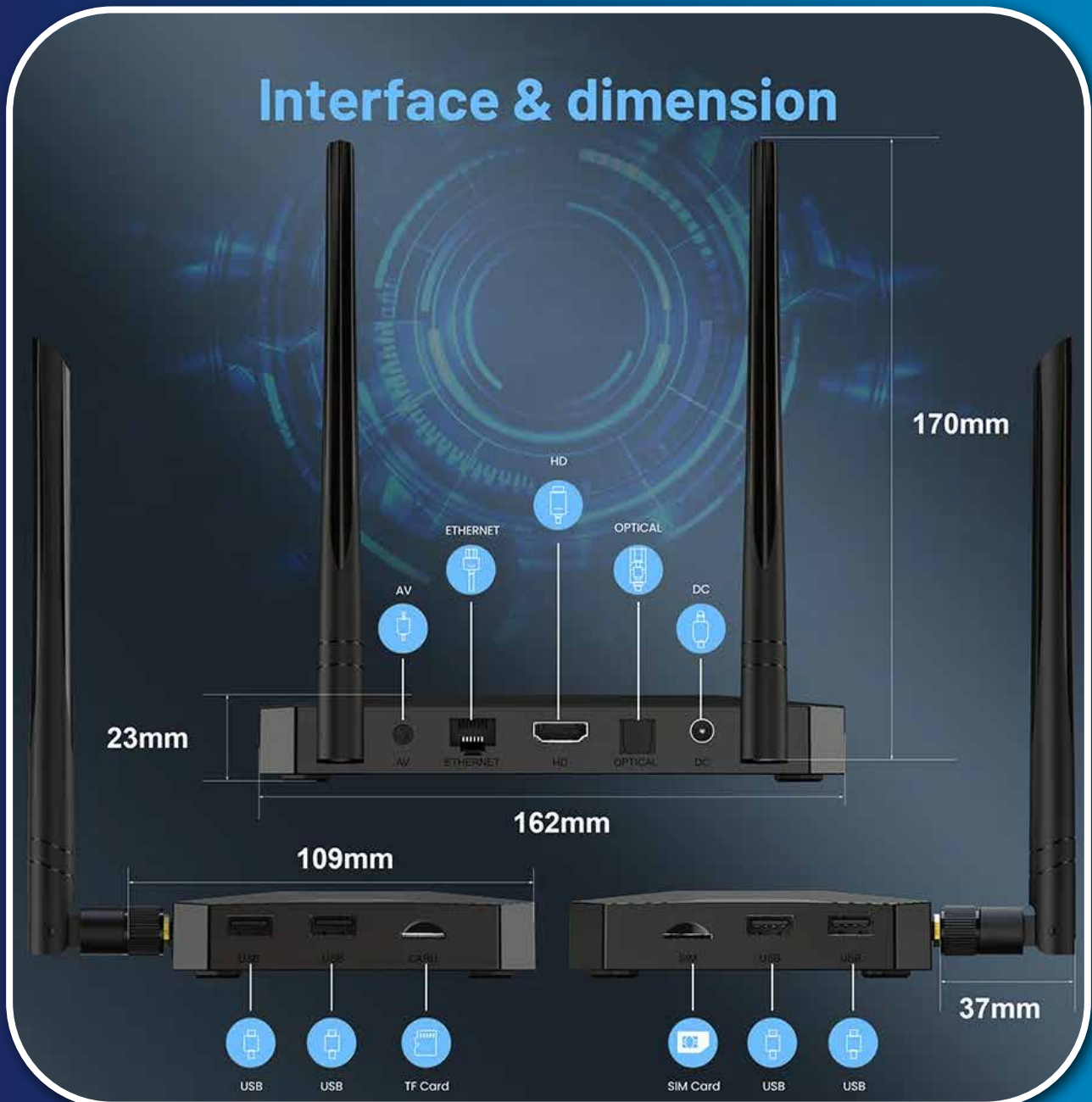
3G HSPA+

21Mbps



FEATURES

- Quad-core Allwinner H618 processor with ARM G31 GPU and Android 12 OS for smooth performance.
- Supports 4K UHD video output at 60 Hz with H.265/VP9 decoding.
- Built-in Wi-Fi 6, Bluetooth 5.0, and optional 4G LTE connectivity.
- 2 GB RAM + 16 GB storage with expandable microSD and multiple USB ports.
- HDMI 2.0, Ethernet, and audio outputs for versatile home media use.



SPECIFICATIONS

CPU	Allwinner H618 Quad core ARM Cortex A53
GPU	ARM G31
RAM	2GB / 16GB
ROM	34GB
WiFi	Wi-Fi 6 2.4GHZ /5.8GHZ IEEE802. 11a/b/g/n/ac /ax External antennas
Bluetooth	BT5.0
Android OS	Android 12
4G LTE/ Mini PCIe(Note:EC200A-CN(Default) /Different modules support different frequency bands.)	
LTE-FDD	B1/B3/B5/B8
LTE-TDD	B34/B38/B39/B40/B41
WCDMA	B1/B5/B8
GSM/EDGE	B3/B8
GNSS	GPS/GLONASS/BDS/Galileo (optional)
Main Features	
Video Decoder	H.265 Main10@ L5.1 up to 4K@60fps
	VP9 Profile 2 up to 4K@30fps
	AVS2 JiZhun 10bit Profile up R7to4K@30fps
	H.264 BP/MP/HP@L4.2 up to 4K@30fps
	H.263 BP up to 1080p@60fps
	MPEG-4 SP/ASP@L5 up to 1080p@60fps
	MPEG-2 MP/HL up to 1080@60fps
	MPEG-1 MP/HL up to 1080p@60fps
	Xvid up to 1080p@60fps
	Sorenson Spark up to 1080p@60fps
	VP8 up to 1080p@60fps
	AVS/AVS+ JiZhun Profile up to 1080p@60fps
	WMV9/VC1 SP/MP/AP up to 1080p@60fps
	JPEG HFIF file format up to 45MPPS
	H.264 BP/MP/HP
	H.264 supports I/P frame, and only supports single reference frame
	MJPEG/JPEG baseline
	Maximum 16-megapixel (4096 × 4096) resolution for H.264 encoding
	H.264 encoding capability: 1080p@60fps
	JPEG snapshot performance of 1080p@60fps independently
	Supports the constant bit rate(CBR)/variable bit rate(VBR) bit rate control mode, ranging from 56kbit/s to 100Mbit/s
	Encoding of eight regions of interest(ROIs)
	H.264 BP/MP/HP

Audio	Two audio digital-to-analog (DAC) channels
	Supports 16-bit and 20-bit sample resolution
	8 kHz to 192 kHz DAC sample rate
	95+2dB SNR@A-weight, -80+3dB THD+N, output Level more than 0.55Vrms
	One audio output
	One differential LINEOUTP/N or single-ended LINEOUTL/R output
	Supports Dynamic Range Controller (DRC) adjusting the DAC playback
	One 128×24-bits FIFO for DAC data transmit
	Programmable FIFO thresholds
	DMA and Interrupt support Audio HUB:
	One Audio HUB
	Supports 3 12S/PCM interfaces for connecting external devices, and 1 12S/PCM for connecting internal HDMI
	Supports Left-justified, Right-justified, Standard 12S mode, PCM mode, and TDM mode
12S mode supports 8 channels, and 32-bit/192 kbit sample rate	
12S and TDM modes support maximum 16 channels, and 32-bit/96 kbit sample rate	
Image	HD JPEG/BMP/GIF/PNG/TIFF
Network Function	Miracast, Airplay, Skype chatting, Picasa, Youtube, Flicker, Facebook, Online movies, etc.
Language	Chinese, English, Germany, Japanese, Korea etc.
Port Specifications	
USB host	4 *USB 2.0
External memory	1*TF Card
Audio OPTCAL	1* SPDIF
HDTV	1* HDMI 2.0a 4K @60fps Support PAL/NTSC
Ethernet	1 *100M(Default)/1000M(optional)
SIM card	1* Sim Card
RTC	Support
Others	
Power Supply	Power Supply DC 5V/2A

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