RK3588□□□□□□□□

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□□	Rockchip RK3588□□□□□□□□
□□□□□	Rockchip RK3588 8nm□□□□□Cortex-A76 □□Cortex-A55
□□□□□	ARM Mali-G610 MC4 OpenGL ES 1.1/2.0/3.1/3.2 Vulkan 1.1, 1.2 OpenCL 1.1,1.2,2.0 □ □□□□□2D□□□□□□
□□□□□□□□	6 TOPS□□□int4/int8/int16/FP16/BF16/TF32□
□□	4GB/8GB□64 □ LPDDR4/LPDDR4x□
□□□□□	32G/64G/128G/256G□eMMC5.0/5.1□
□□□	□□ IEEE 802.11a/b/g/n/ac/ax
	□□ Wi-Fi6 2.4GHz/5.8GHz□PCIe v3.0□
	□□□□ 2T2R
□□□□	Android 12 □□□□
□□	□□5.0
□□□□□□□	
□□□□□□	* MPEG-1,MPEG-2,MPEG-4,H.263,H.264,H.265,VC-1,VP9,VP8 MVC,AV1□□□□□□□ * □□□MMU * □□□□□□□□□□□□□□□□ * H.264 AVC/MVC Main10 L6.0□8K@30fps (7680x4320) * VP9 Profile0/2 L6.1□8K@60fps (7680x4320) * H.265 HEVC/MVC Main10 L6.1□8K@60fps (7680x4320) * AVS2 Profile0/2 L10.2.6□8K@60fps (7680x4320) * AV1 □□□□□□ 8/10bit L5.3□4K@60fps (3840x2160) * MPEG-2 □□ MP□1080p@60fps (1920x1088) * MPEG-1 □ MP□1080p@60fps (1920x1088) * VC-1 □ AP □□ 3□1080p@60fps (1920x1088) * VP8 □□2□1080p@60fps (1920x1088)
□□□□□□	□□□□□ * □□H.265/H.264□□□□ * □□□□8K@30fps * □□□□□□□□□□□□□□□ * □ 1600 □□□ ISP□□□ HDR&3DNR
□□□□□□	I2S0 8 □□ * □□ 8 □□ TX □ 8 □□ RX □□ * □□□□□□ 16 □□ 32 □ * □□□□□192KHz * □□□□□□□□□□□□□□□□ * □□3□I2S□□□□□□□□□□□□□□□□ * □□4□PCM□□□early□late1□late2□late3□ * □□TDM□□□1/2□□□□□□1□□□□□□2□□□□□□□□□□□□□□□□□□□□□□ * I2S□PCM□TDM□□□□□□□□□
□□/□□□□	
□□	DC 12V/2A □□□□□□□□
□□□□	□□
□□	□□BT□□□□
HDMI	HDMI□□1□HDMI 2.1/7680x4320@60Hz HDMI□□2□HDMI 2.1/4096x2304@60Hz HDMI □□□HDMI 2.0/HDMI 1.4b 4K x 2K □□□□□3840x 2160p@24Hz/25Hz/30Hz □ 4096x2160p@24Hz□
□□	1*3.5mm□□
□□□	□□□1:1*1000M(RGMII) □□□2□1*1000M
TF□	1*TF□
USB□□	2*USB 2.0□□□□ 1*USB3.0□□□□
C□	1*Type C 3.0□□□□□□□□□□□□

CPU
Quad Core A76
Quad Core A55
GPU
Mali-G610 MP4
8K
Video Codec
H.265
HEVC
OS
Android 12
Linux Debian11
WiFi
WiFi6
BT
5.0

Rockchip RK3588
Next generation Octa-Core processor with high performance AI system-on-module
Rockchip
RK3588

8K Ultra High Quality
Unlock the portential of 8K video output and 4K video input.
Rich details display to let you see the world more clearly.
8K
ULTRA HD
4K
HDR 10+
4K 3840×2160
4K
8K 7680×4320
8K

WiFi 6
WiFi6 is faster and has a larger capacity
WiFi 5
3.5Gbps
WiFi 6
9.6Gbps
2T2R 802.11 ax/ac/a/b/g/n
BT 5.0

Android 12/Linux Debian11
Compatible with Android and Linux operating systems
File

Multi-Screen Different Display

Enhance your viewing experience with multi-screen display.
Perfect for immersive, high-definition, multi-screen interactive scenarios.

Large Memory Capacity
Large storage capacity up to 32GB RAM and 128GB ROM,
which allows you to install a wide number of applications.
RAM
4G
8G
16G
32G
ROM
16G
32G
64G
128G
RAM
32
GB

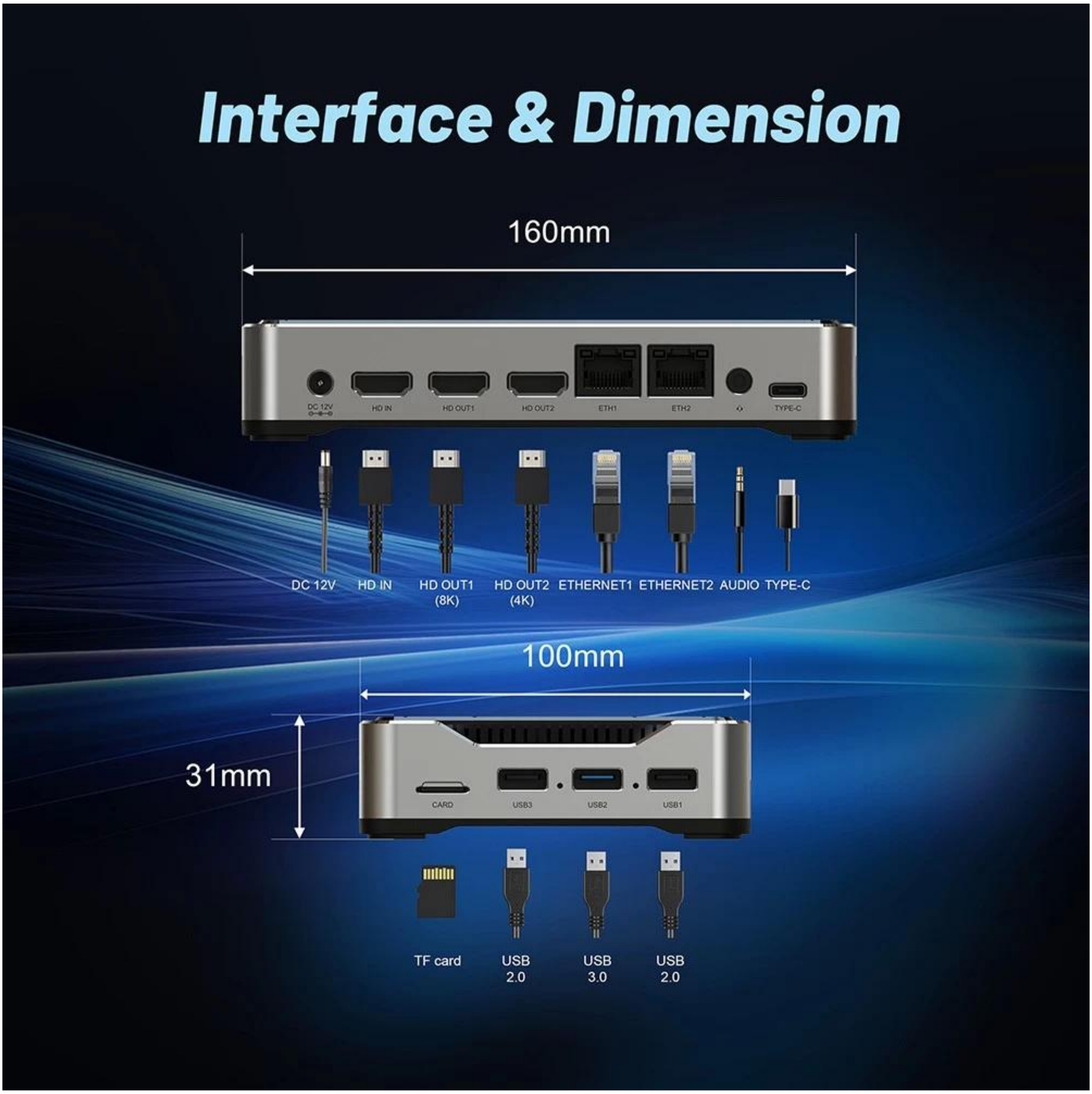
WHAT CAN WE DO?

Watch movies

Working Conference

Teaching

Play games



[illegible]

RK3588 [illegible] RK3588 [illegible] 8K [illegible]

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8K[illegible]

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RK3588 □□□□□□□□ Android 12 □□□□□□□□□□□□□□□□□□□□□□□□□□□□ Android 12 □□□□□□□□□□□□□□□□□□□□