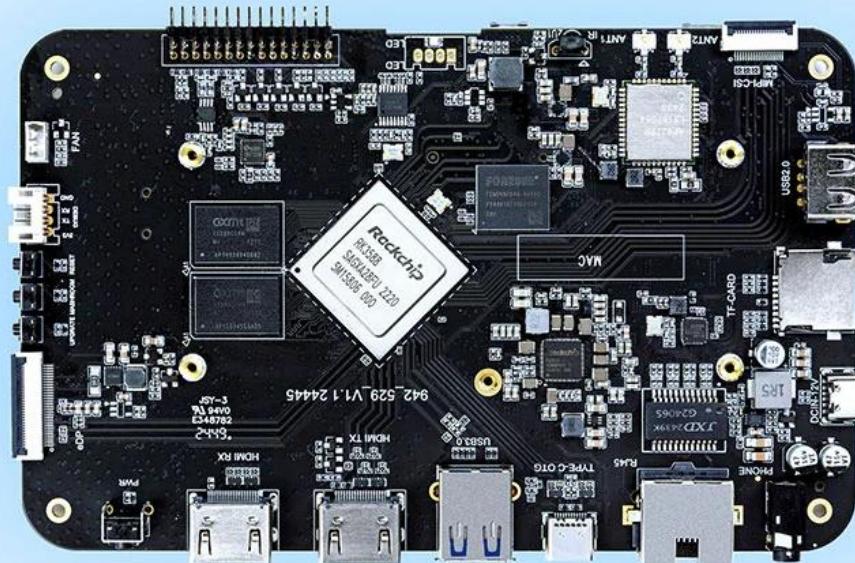


Rockchip RK3588 Octa Core 8K Ultra HD



High-Performance AI Development Board

The RK3588 is a flagship AIoT chip built on 8nm LP process, featuring an octa-core CPU (up to 2.4GHz), ARM Mali-G610 MP4 GPU, and a 6TOPs NPU for AI acceleration. It also integrates a 48MP ISP with HDR & 3DNR, supporting major deep learning frameworks for enhanced AI performance.



RK3588
Octa-core CPU



Mali-G610
MC4 1GHz GPU

6Tops
NPU



8K Codec
H.265 HEVC



4~32GB RAM
8~128GB ROM



WIFI6
1000M LAN



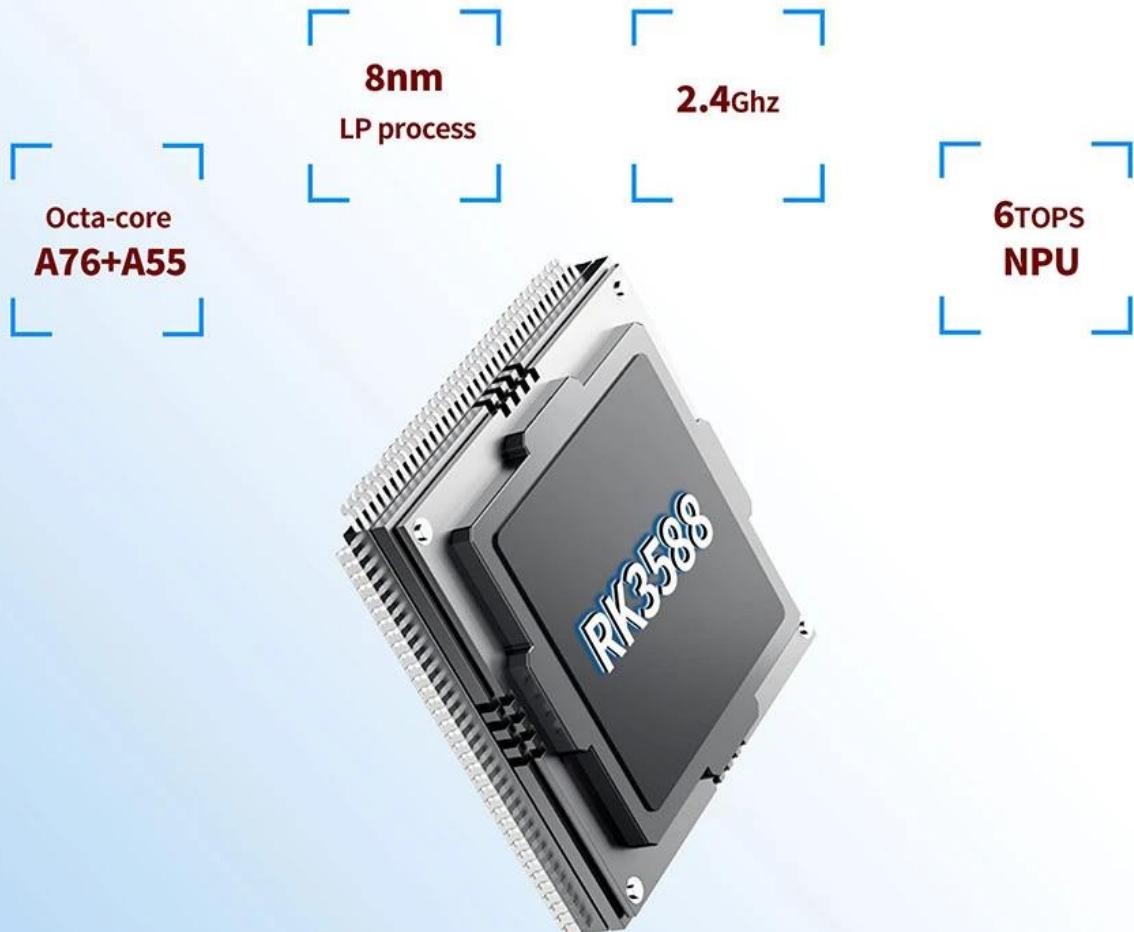
BT5.x



Android/Linux

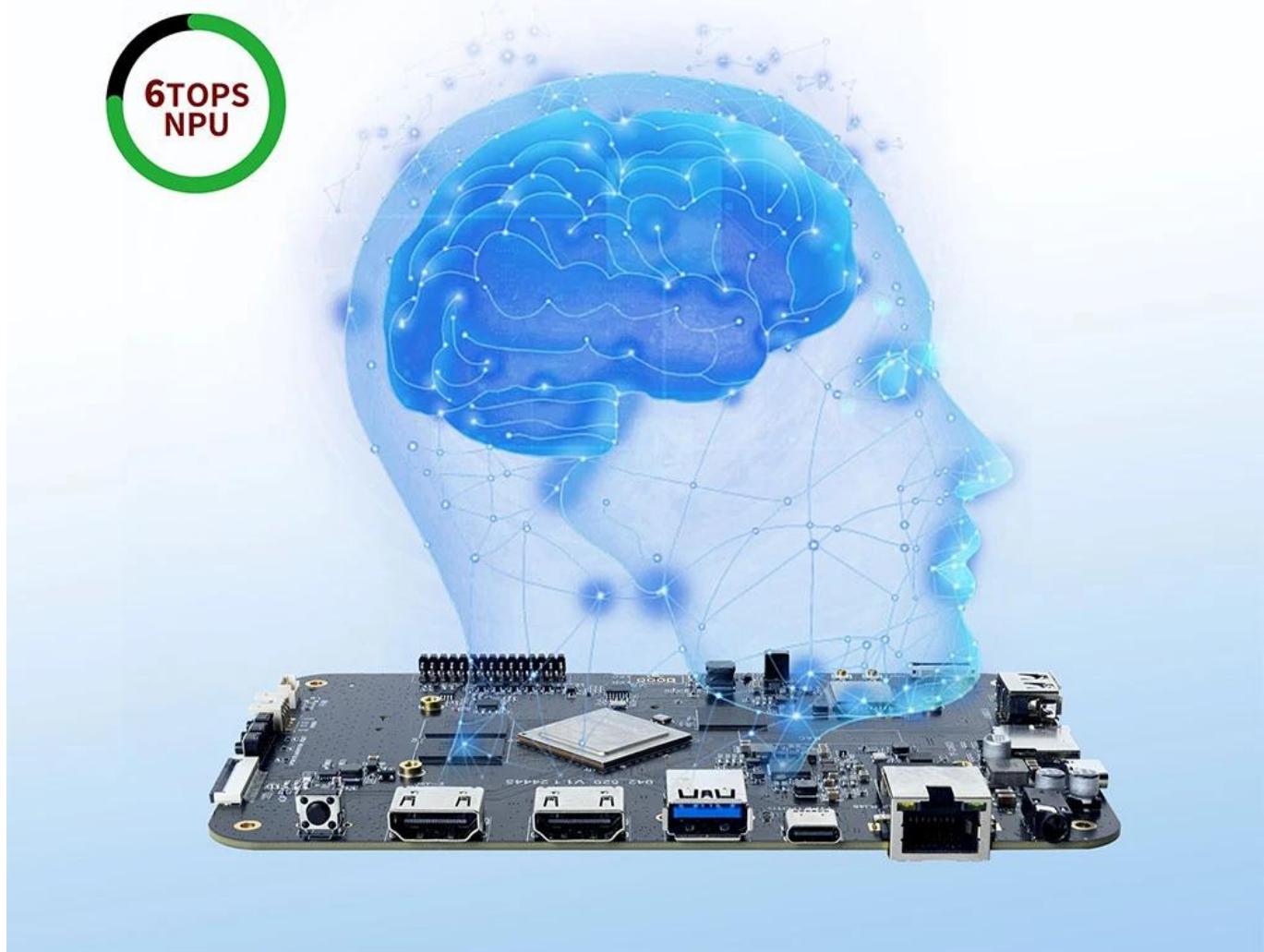
RK3588---Next-Generation Flagship AIoT CPU

Powered by the RK3588 octa-core 64-bit chipset, with ARM Mali-G610 MP4 GPU and 6TOPs AI NPU for superior AI performance and expanded possibilities.



6 TOPS Powerful Computing Boosts AI Applications

Powerful NPU with 6TOPS performance, supporting INT4/INT8/INT16 operations. Compatible with TensorFlow, MXNet, PyTorch, Caffe, and more. Efficiently accelerates convolution and traditional image processing operations like Gaussian filter, median filter, Laplacian, and Sobel, ideal for edge computing and vision control applications.



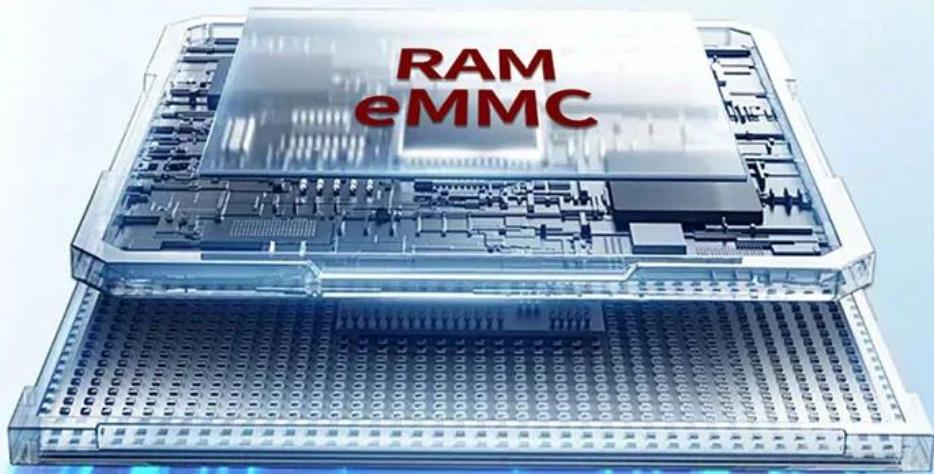
8K Video Encoding & Decoding

Supports 8K@60fps H.265/VP9 decoding and 8K@30fps H.265/H.264 encoding, with up to 32x 1080P@30fps decoding and 16x 1080P@30fps encoding. Delivers stunning 8K video quality.



32GB Large RAM & 128GB eMMC

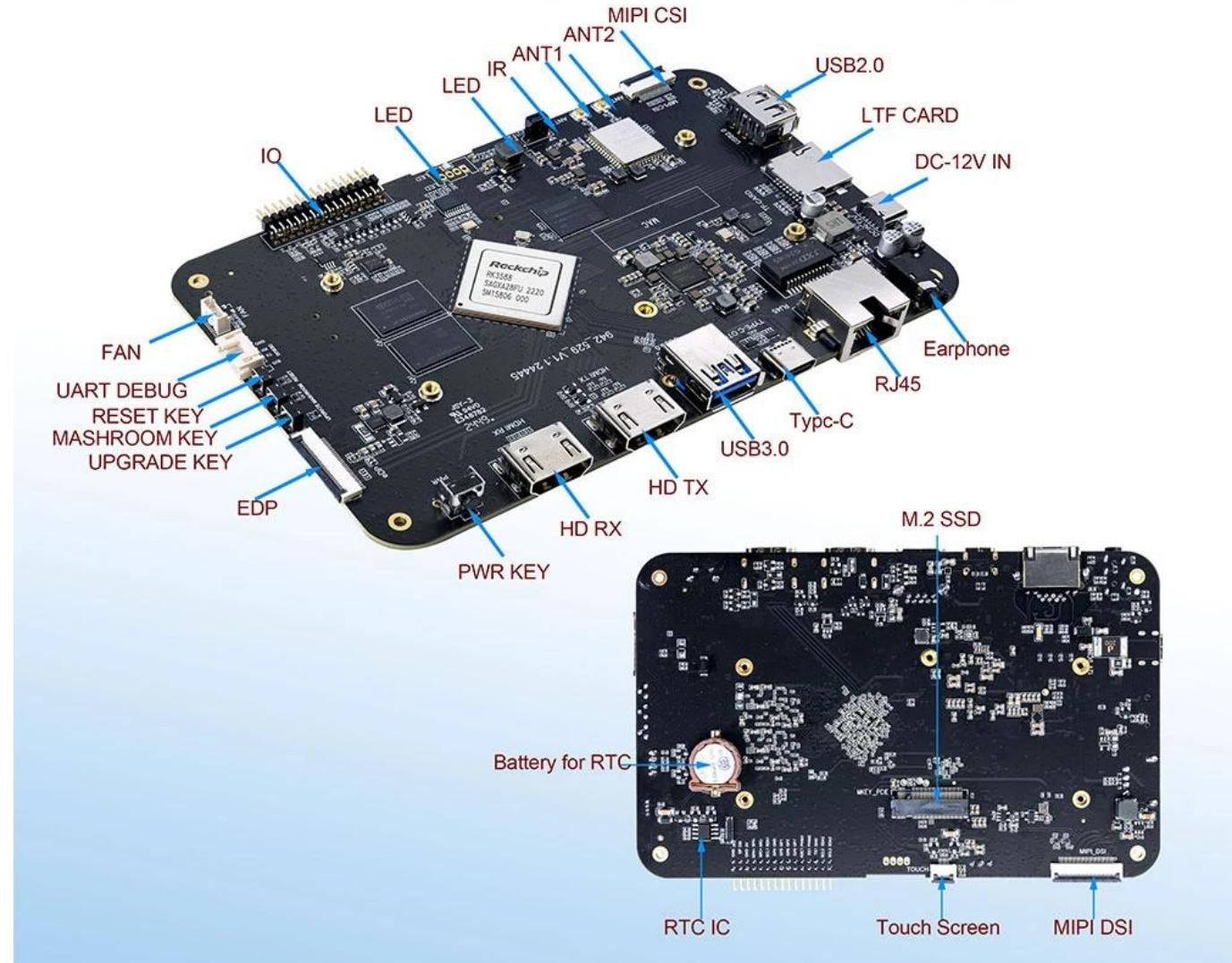
Up to 32GB RAM and 128GB eMMC storage, surpassing previous memory limits for faster response and meeting the demands of high-memory, high-storage applications.



**32GB
128GB**

Rich Expansion Interfaces

Multiple video output and input interfaces support simultaneous 8K@60fps video output and 4K@60fps video input. It also supports quad-screen display for high-definition interactive scenarios. The board offers rich expansion interfaces for diverse industry applications.



Powerful Network

Onboard Gigabit Ethernet, dual-band WiFi 6 (2.4GHz/5GHz), and Bluetooth 5.3 ensure seamless network connectivity and flexible support for various application needs.



Open System Architecture

Multi-system compatibility supporting Android 12 and Debian 11, with deep customization of the Linux kernel for remote upgrades and management, enhancing operational efficiency and ease.



硬件配置

该系统板配备了高性能的RK3588 Octa-Core Processor (Quad Core Cortex-A76 + Quad Core Cortex-A55)，支持双频段Wi-Fi和蓝牙。集成2.4GHz GPU Mali-G610，以及一个NPU 6 TOPs。支持8GB LPDDR4x内存。

*：显示端口 LCD: MIPI 和 EDP .

支持双屏显示，通过I2C。

*：TF 存储卡插槽，支持 PCIe 。

支持双频段Wi-Fi和蓝牙，集成NPU 6 TOPs，支持UART、I2C、GPIO等串行通信接口。

*：Android 12 OS

该系统板基于Rockchip TV 8核-8核设计，支持Android AI，具有强大的图像处理能力和丰富的连接性。该系统板支持双频段Wi-Fi和蓝牙，集成NPU 6 TOPs，支持UART、I2C、GPIO等串行通信接口。该系统板支持双屏显示，通过I2C。

8K Ultra HD

Rockchip RK3588

Rockchip TV Box S ပြန်လည် Rockchip TV Box မှာ ပေါ်လေ့ရှိခဲ့သူများ၏ အကြောင်းအရာများ ဖြစ်ပါတယ်။ ဒုတိယ့် အကြောင်းအရာများ မှာ အမြတ်ဆုံး ပေါ်လေ့ရှိခဲ့သူများ များ ပေါ်လေ့ရှိခဲ့တယ်။ ဒုတိယ့် အကြောင်းအရာများ မှာ အမြတ်ဆုံး ပေါ်လေ့ရှိခဲ့သူများ များ ပေါ်လေ့ရှိခဲ့တယ်။

Rockchip TV ၏ ၂၀၁၅ ခုနှစ်တွင် မြန်မာနိုင်ငံသို့ ပထာက်လေ့ရှိခဲ့သူ၏ အမြတ်ဆုံး အကျဉ်းချုပ် ဖြစ်ပါသည်။

Android

Rockchip TV ကို အသုတေသန ပြန်လည် ပေါင်းပါသည် . အမြတ် အမြတ်

မြန်မာနိုင်ငံ၏ ပြည်သူ့ အမြတ်ဆင့် လေယာဉ်များ ဖြစ်ပါသည်။ မြန်မာနိုင်ငံ၏ လေယာဉ်များ အမြတ်ဆင့် လေယာဉ်များ ဖြစ်ပါသည်။

Rockchip TV Box. Android 电视盒子

Rockchip