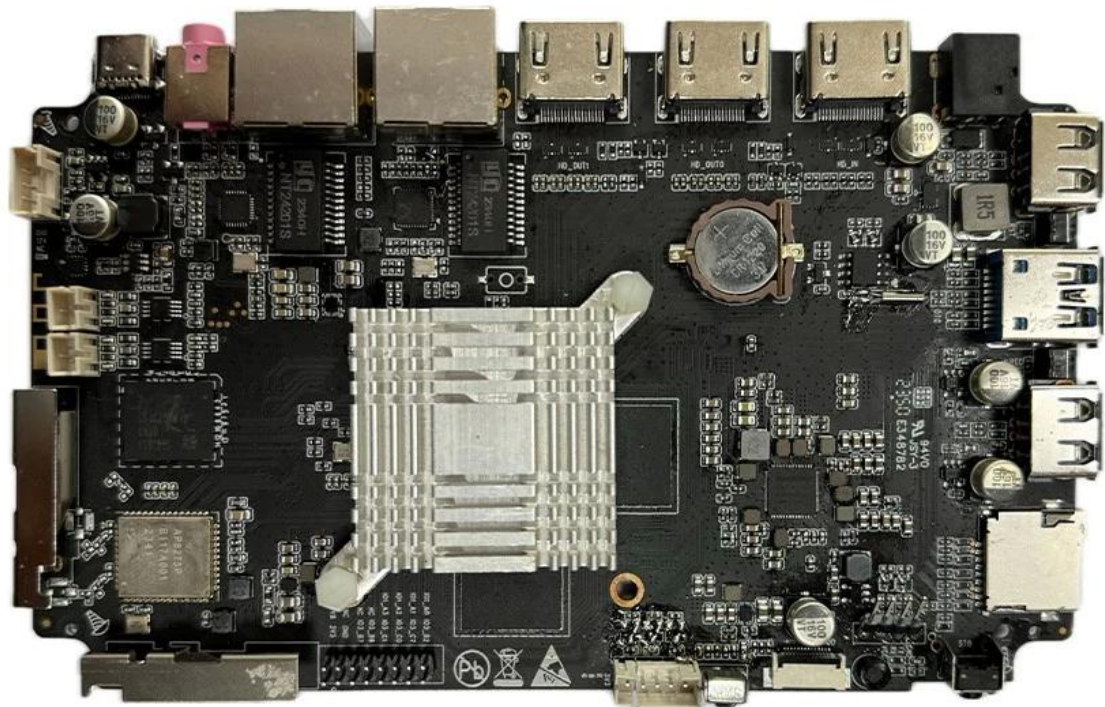


Rockchip RK3588 Octa-Core



Rockchip
RK3588
A high performance, low power AIoT processor

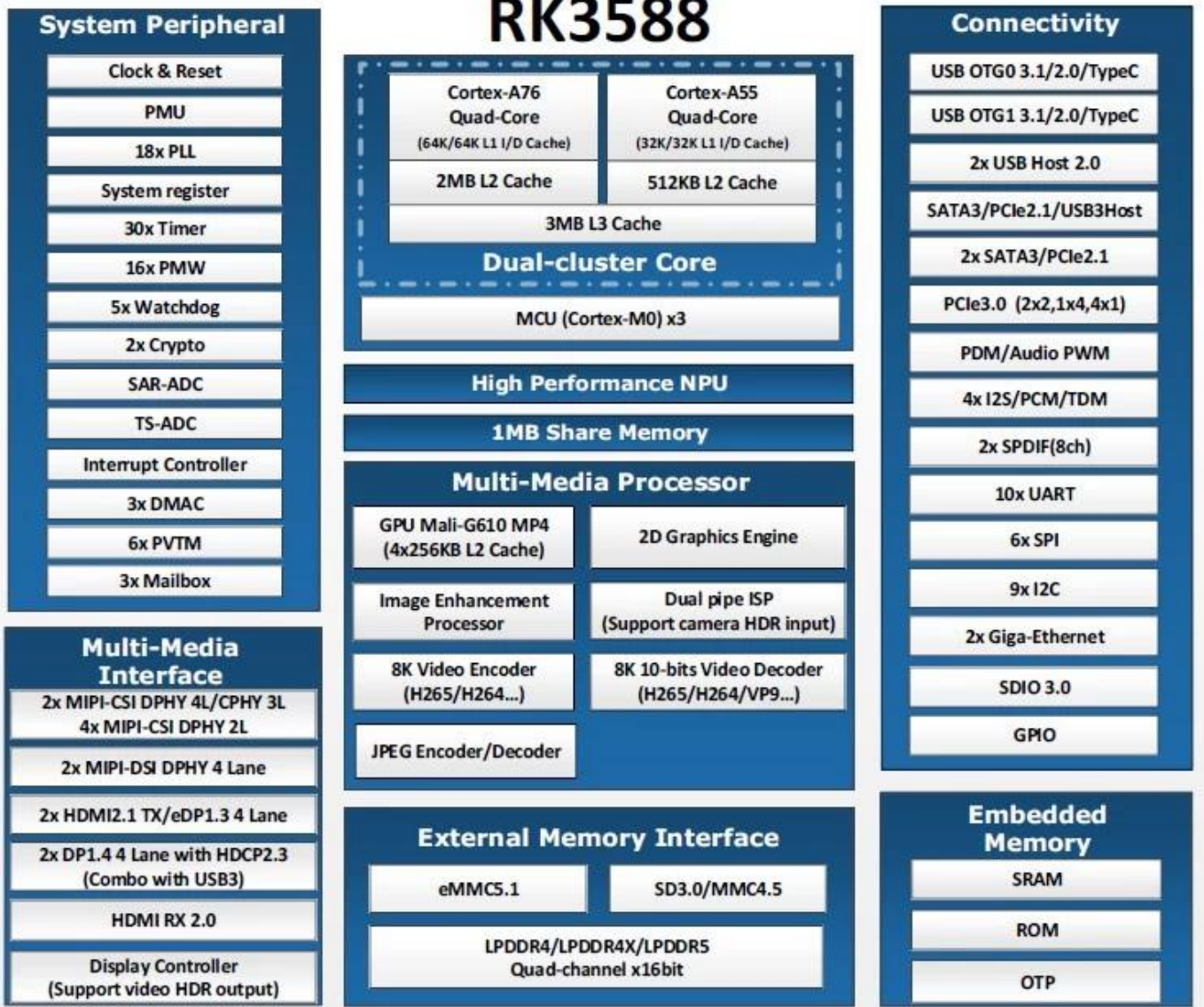
The graphic features the Rockchip logo in white on a dark blue background with a glowing circuit pattern. To the right, a blue and yellow square contains the text 'Rockchip RK3588'.











Typical Application Diagram – AIoT





Rockchip RK3588 Octa-Core

Rockchip RK3588 Octa-Core

Rockchip RK3588 Octa-Core is a high-performance SoC designed for edge computing and AI applications. It features an 8-core ARM Cortex-A78AE CPU, a Mali-G78 GPU, and a powerful AI processing engine. The chip is optimized for applications such as smart displays, AI cameras, and AR/VR. It also supports 8K video recording and playback, as well as various connectivity options like Wi-Fi 6E, USB 3.0, and Bluetooth 5.0.

Key Features:

- 8-core ARM Cortex-A78AE CPU:** Rockchip RK3588 Octa-Core processor, featuring 8 high-performance cores for demanding applications.
- 8K UHD:** Supports 8K Ultra HD video recording and playback, providing exceptional visual quality.
- AI:** Integrated AI processing engine for advanced image recognition and processing tasks.
- Connectivity:** Supports Wi-Fi 6E, USB 3.0, and Bluetooth 5.0 for high-speed data transfer and connectivity.

Additional Information:

Rockchip RK3588 Octa-Core is a versatile SoC that can be used in a wide range of applications, from smart displays and AI cameras to AR/VR and edge computing. It offers a combination of high performance, low power consumption, and advanced AI capabilities, making it an ideal choice for next-generation edge devices.

智能电视

主要配置

搭载最新一代处理器，提供流畅的操作体验和出色的画质表现。

搭载 **Rockchip RK3588 Octa-Core**

处理器，支持 **Octa-Core**

多线程并行处理，提升系统运行效率。

内置大容量存储空间，支持4K超高清视频播放，带来极致视觉享受。

显示效果

搭载 **Rockchip RK3588 Octa-Core** 处理器，支持 8K UHD

超高清视频播放，画面细腻，色彩饱满。

内置 HDR 技术，提升对比度，呈现更真实的画面效果。

支持 Dolby Vision 杜比视界，带来影院级视觉体验。

8K

支持 **8K UHD** 超高清视频播放，画面细腻，色彩饱满。

内置 HDR 技术，提升对比度，呈现更真实的画面效果。

支持 Dolby Vision 杜比视界，带来影院级视觉体验。

AI

搭载 AI 语音识别技术，支持语音遥控，操作更便捷。

内置 AI 推荐引擎，根据您的观看习惯，为您推荐喜欢的内容。

支持 AI 人脸识别，实现个性化推荐和身份识别，提升用户体验。

接口与连接

内置 Wi-Fi 6E 无线网络，支持超高速数据传输。

支持 HDMI 2.1、USB 3.0 等多种接口，连接更灵活。

支持 Bluetooth 5.0 蓝牙技术，连接更稳定。

其他功能

支持 **Set Top Box** 外接设备，提供更丰富的内容选择。

内置智能广告屏蔽功能，让您畅享无干扰的观看体验。

支持多用户账户管理，实现个性化的内容推荐和观看记录。

内置 parental control 家长控制功能，为孩子提供健康的观看环境。