

radxa ROCK 4D

High Efficiency, Low Power, Incredible Value!

Consumer-grade

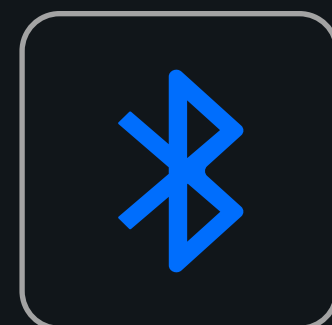
0°C ~ 50°C

Industrial Grade

-40°C ~ 85°C



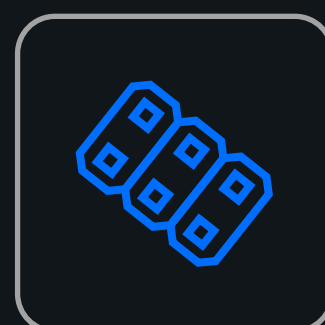
WiFi6
Onboard



BT5.4
Onboard



microSD Card
Slot

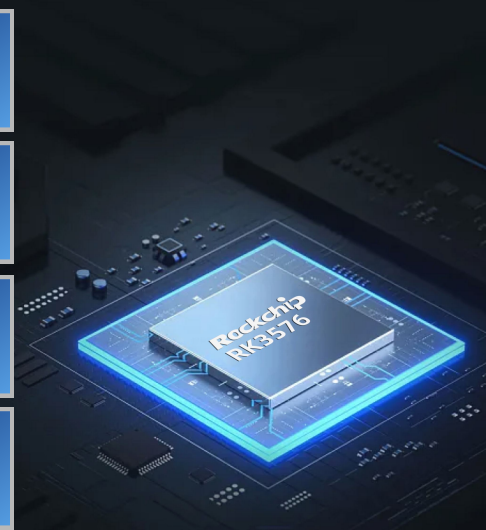


40-Pin GPIO
Header

Rockchip RK3576

- 4x Cortex-A72@2.2GHz + 4x Cortex-A53@2GHz
- Low Power

A72 Up to 2.2GHz	A72 Up to 2.2GHz	A53 Up to 2GHz
A72 Up to 2.2GHz	A72 Up to 2.2GHz	A53 Up to 2GHz
A72 Up to 2.2GHz	A72 Up to 2.2GHz	A53 Up to 2GHz

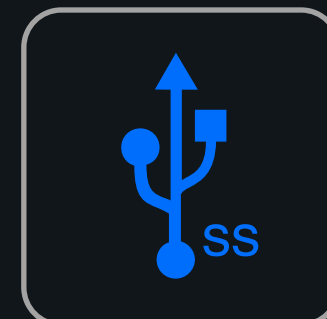


Designed for Industrial AI and
Edge Computing

6TOPS NPU

ΓKNN

LLM



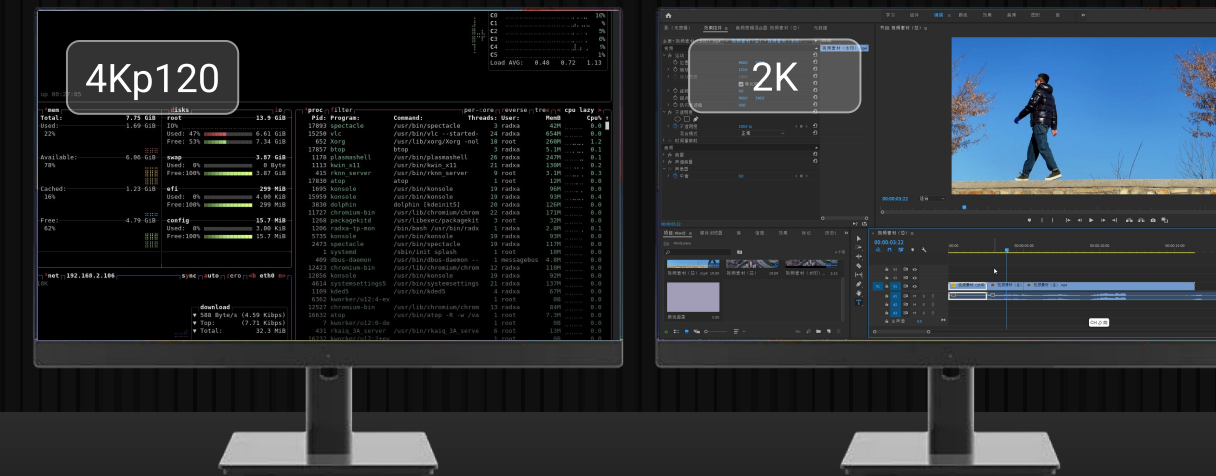
Dual USB 2.0 +
Dual USB 3.0



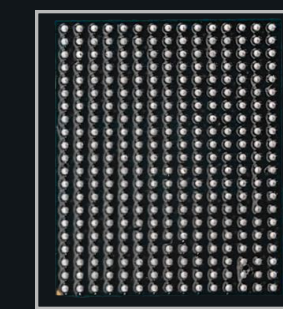
Headphone Jack with
Microphone Input

Enjoy Dual Displays

4Kp120 HDMI TX and 2K MIPI DSI!



LPDDR5 up to 16GB,
UFS / eMMC module Expansion



LPDDR5



UFS module



eMMC module

Note: eMMC Module is only supported when SPI Flash is not present.

Software Supported

Rockchip
kernel 6.1

debian 12

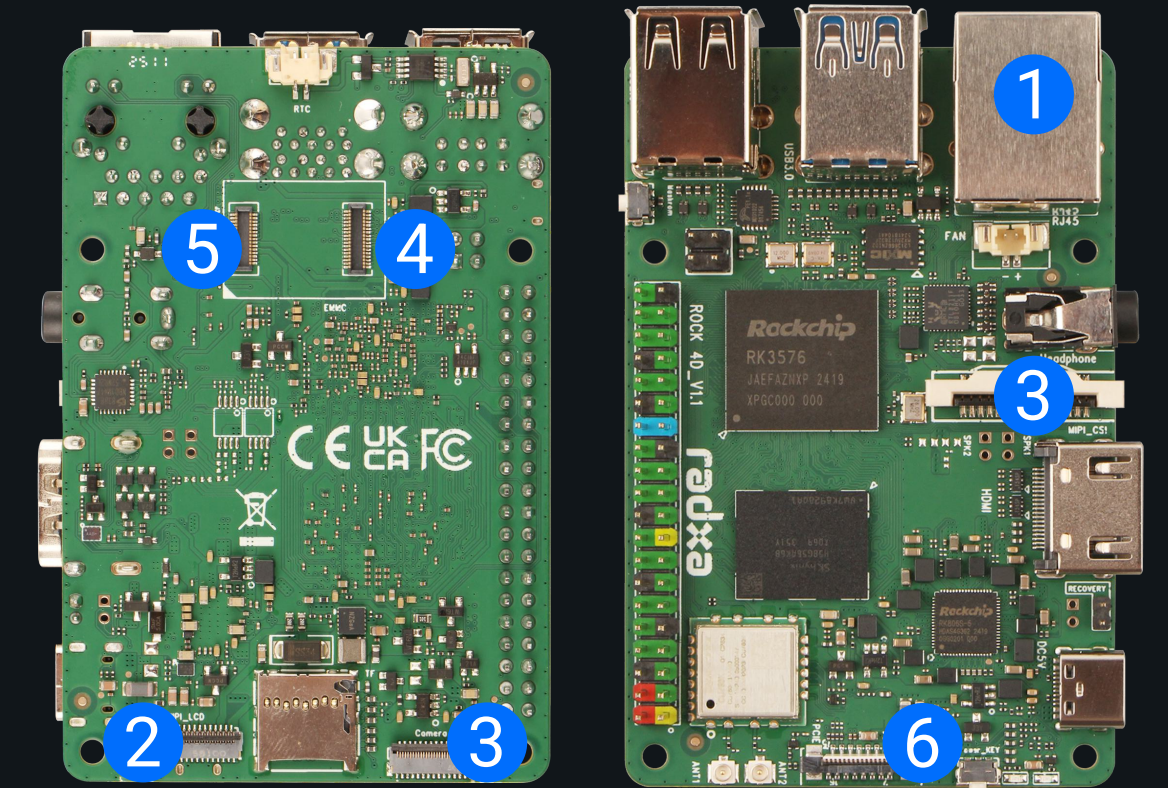
BuildRoot
Making Embedded Linux Easy

yocto

Mainline
Kernel 6.14

Android 14

Radxa Accessories Ecosystem



1 Gigabit Ethernet with PoE
support(Additional Radxa 25W PoE HAT Required)

2 MIPI DSI Interface
supports Radxa Display 8 HD and Radxa Display 10 FHD

3 MIPI CSI Interface
supports Radxa Camera 4K

4 eMMC Connector
supports Radxa eMMC Module

5 UFS Connector
supports Radxa UFS Module

6 FPC Interface Provides PCIe Gen2 x1
Supports SSD, Penta SATA HAT, 2.5G Ethernet, and More Expansion!