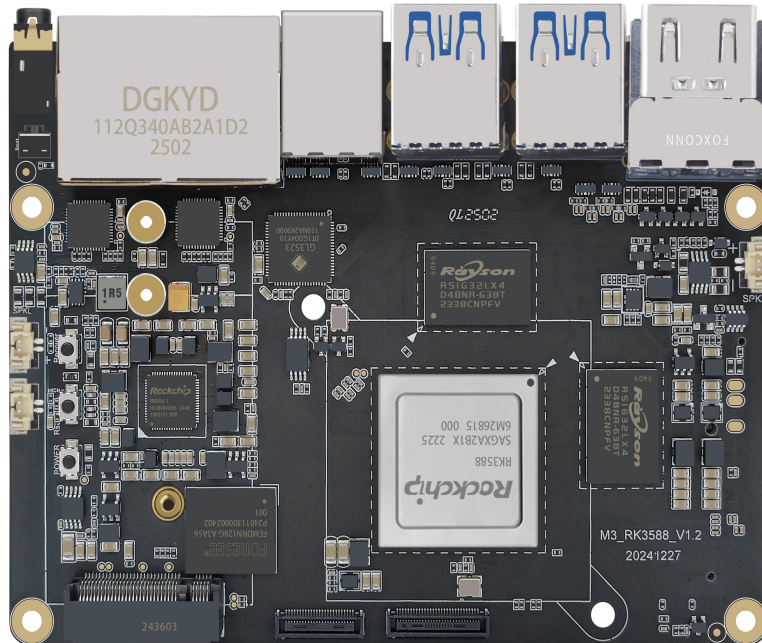


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Kiwi Pi 5Pro



Basic Parameters

CPU	Rockchip RK3588 Quad-core ARM 64-bit CPU 4*Cortex-A76@2.2GHz + 4*Cortex-A55@1.8GHz 8nm process
GPU	ARM Mali-G610 MC4 OpenGL ES 1.1/2.0/3.1/3.2 OpenCL 1.1/1.2/2.0 Vulkan 1.1/1.2, High performance 2D image acceleration
NPU	Triple-core NPU, 6 TOPS Performance Support int4/int8/int16/FP16/BF16/TF32 acceleration Enable various AI applications

VPU	Video Decoding: 8K@60fps: H.265/VP9/AVS2 8K@30fps: H.264 AVC/MVC 4K@60fps: AV1 1080P@60fps: MPEG-2/-1/VC-1/VP8 Video Encoding: 8K@30fps: H.265/H.264 Support 32 channels of 1080P@30fps decoding and 16 channels of 1080P@30fps encoding at the same time
DDR	LPDDR4X 8GB (option: 4/16/32GB) 2133MHz, 64-bit
eMMC5.1	128GB (option: 64/256/512GB) Support PCIe 3.0X4 M.2 2280 SSD hard drive expansion Support TF card expansion
USB	1*Type-C (Full funtion:USB3.1-OTG,DP ALT,PD) 4*USB 3.0 Host
HDMI	1*HDMI 2.1 (8K@60fps or 4K@120fps), 1*HDMI 2.0 input/output
Wireless	WiFi-6 2.4/5 IEEE802.11 a/b/g/n/ac/ax Bluetooth 5.4 BLE 2.4Ghz and 5Ghz band channels, 2T2R
Mobile Network	Support M.2 interface module Mobile EC200ACNLB-M.2 4G module Mobile RM500UCNVAA+ 5G module NANO SIM card interface
Ethernet	2×2.5G RJ45 Ethernet
Audio	3.5mm four segment headphone jack Support onboard microphone input interface Left and right dual speaker interface
RTC	Support rechargeable button batteries
Button	Loader button Flashing button Reset button
Expansion IO	60Pin extension interface: 2 * MIPI-CSI 4Lane input and its matching IO 50Pin expansion interface: 1 * MIPI-DSI 4Lane/DP 2Lane/USB2.0 and its supporting IO 39Pin extension interface: 1 * MIPI-DSI 4Lane and its supporting IO
OS	Linux 5.10 (option:Linux6.10) Android15/Ubuntu22.04/Debian11

Power Supply	Type-C PD input/output, default boost 12V/2A Support mainstream fast charging and boosting protocols
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