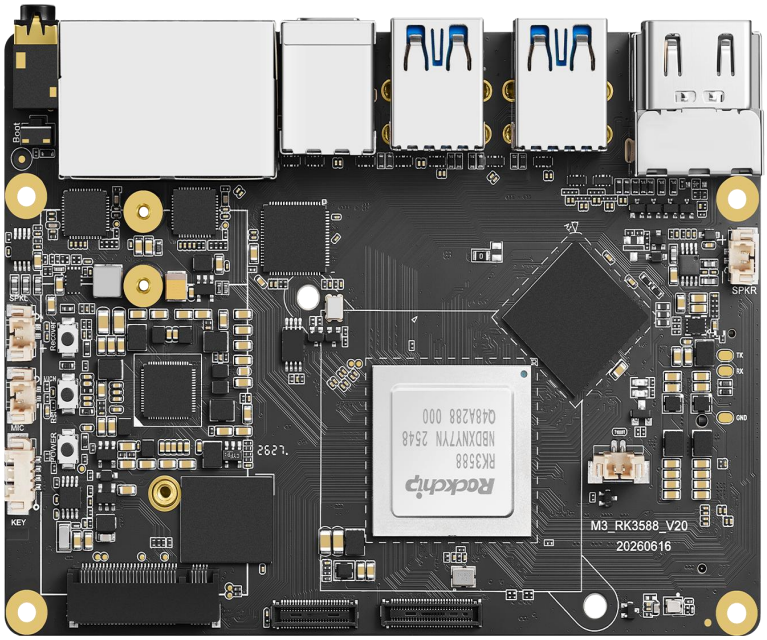
iTayga Shenzhen Tianyue Zhichuang Technology Co., Ltd.

Address: Room 510, 516, Block A, Mingyou Procurement Center, No. 168 Baoyuan Road, Bao'an District, Shenzhen, China

Contact: Dawn Emai: sales@kiwipi.com Tel: +86 17727416771

Kiwi Pi 5Pro



Basic Parameters

CPU	Rockchip RK3588 Quad core Cortex-A76 + Quad-core Cortex-A55 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 graphics acceleration
NPU	Tri-core NPU with 6 TOPS of computing power Supports int4/int8/int16/FP16/BF16/TF32 acceleration Supports a wide range of 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 Supports simultaneous decoding of 32 streams of 1080P@30fps and encoding of 16 streams of 1080P@30fps
DDR	8GB LPDDR4X (optional: 4 GB) 2133MHz, 64-bit
eMMC5.1	128GB (optional: 64 GB) Supports PCIe 3.0 x4 M.2 2280 SSD expansion Supports 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	Wi-Fi 6, 2.4/5GHz, IEEE 802.11 a/b/g/n/ac/ax Bluetooth 5.4 BLE Supports 2.4GHz and 5GHz bands, 1T1R
Mobile Network	Supports M.2 interface modules Quectel EC200ACNLB-M.2 4G module Quectel RM500UCNVAA+ 5G module Nano-SIM card interface
Ethernet	2×2.5G RJ45 Ethernet
Audio	3.5mm 4-pole headset jack Supports onboard microphone input interface Left and right speaker connectors
RTC	Supports a rechargeable coin-cell battery
Button	Loader button Firmware flashing button Reset button
FAN Port	1× 5V fan connector, 1.25mm pitch

Expansion IO	60-pin expansion connector: 2× 4-lane MIPI-CSI inputs and associated I/O 50-pin expansion connector: 1× 4-lane MIPI-DSI / 2-lane DP / USB 2.0 and associated I/O 39-pin expansion connector: 1× 4-lane MIPI-DSI and associated I/O 4-pin illuminated button, 1.25mm-pitch connector 1× 5V fan connector, 1.25mm pitch
OS	Linux 5.10 (optional: Linux 6.10) Android 15 / Ubuntu 24.04 / Debian 12
Power Supply	Type-C PD input/output, default boost output 12V/2A Supports mainstream fast-charging and boost protocols