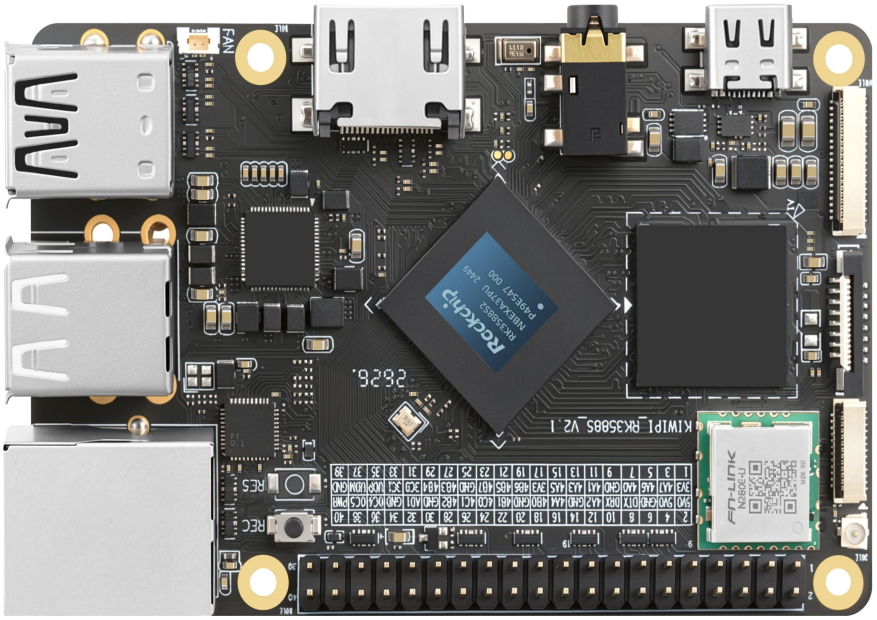
iTayga **Shenzhen Tianyue Zhichuang Technology Co., Ltd.**

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 5



Basic Parameters

CPU	Rockchip RK3588S 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 image 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
Storage	eMMC 128GB (Option: 64GB GB) MicroSD (TF) Card Slot
USB	1× Type-C (full-featured: USB 3.1 OTG, DP Alt Mode) 1× USB 3.0 Host 2× USB 2.0 Host
Video Output	HDMI 2.1 (up to 8K@60fps) Type-C DP 1.4 (up to 8K@30fps) 4-lane MIPI-DSI (up to 2560×1600@60fps)
Video Iutput	2×MIPI-CSI 4Lane
HDMI	HDMI 2.1 (8K@60fps or 4K@120fps)
Wireless	Wi-Fi 6, 2.4/5GHz, IEEE 802.11 a/b/g/n/ac/ax Bluetooth 5.0 BLE Supports 2.4GHz and 5GHz bands, 1T1R
Ethernet	1000Mbps RJ45
Audio	3.5mm headset jack supporting stereo audio output and microphone input Onboard microphone input
Expansion Port	40-pin header for power output, I/O, power button and debug interface I/O pins can be configured as UART, PWM, I2C, SPI, CAN, GPIO, etc.
FAN Port	1× 5V fan connector, 0.8mm pitch
Button	Recovery button Reset button
LED	Red / Green LED indicator

Power Supply	Type-C PD 12V/2A Supports QC 2.0, PD 3.1, BC 1.2 and third-party charging protocols
Supported OS	Linux 5.10 (optional: Linux 6.10) Android 15, Debian 12, Ubuntu 24.04
Dimension	56mm (L) × 85mm (W)
Weight	40g