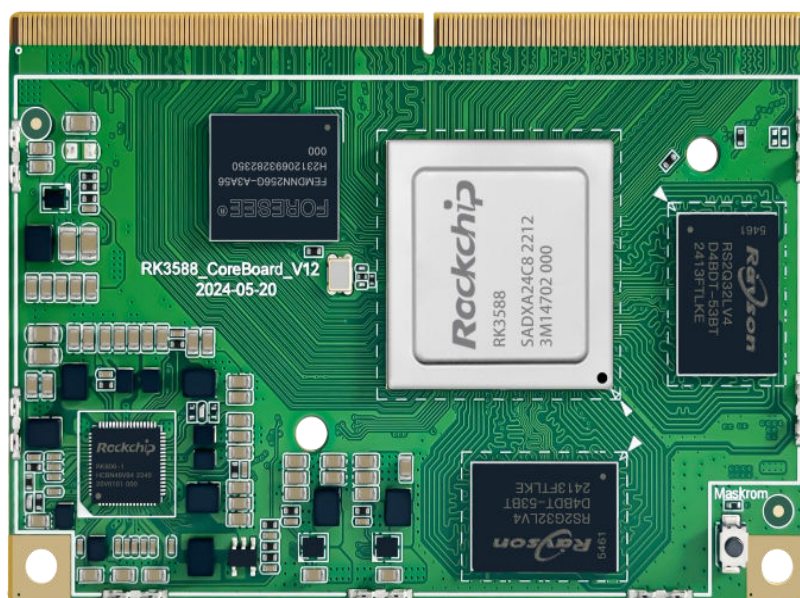


iTayga Shenzhen Tianyue Zhichuang Technology Co., Ltd.

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

Contact:Carole Email: sales@itayga.com

Kiwi Pi CM5



Basic Parameters

CPU	Rockchip RK3588, 8nm process Quad-core ARM 64-bit 4*Cortex-A76@2.2GHz + 4*Cortex-A55@1.8GHz
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)
Expand IO	314Pin MXM Connector Supports: 2*Type-C OTG, 2*USB2.0 Host 2*HDMI/eDP TX, 1*HDMI RX 2*MIPI-DSI 4Lane, 1*MIPI-CSI 4Lane 3*PCIe2.0/SATA3.0, 1*PCIe3.0x4 2*SDMMC, 2*Gmac Most I/O can be programmed as GPIO/I2C/UART/SPI, etc
Power Supply	DC 4V/5A
OS	Linux 5.10 (option:Linux6.10) Android12/Ubuntu22.04/Debian11
Dimensions	82mm × 55mm
Environmental Conditions	Operating Temperature: 0°C ~ 60°C Storage Temperature: -20°C ~ 70°C Humidity: 10% ~ 90% (non-condensing)