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Kiwi Pi P1



Basic Parameters

Display Size	10.1 inch IPS LCD
Max. Resolution	1920 x 1080
Luminance (cd/m2)	350
Touch Type	Capacitive touch
Point of Touch	10 point
CPU	Rockchip RK3588S, 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
RAM	8GB LPDDR4X (option:16/32GB) 2133MHz, 64-bit
Storage	128GB (option: 64/256/512GB) Mirco SD card expansion
Front	5MP
Rear	13MP, Auto focus, Flash
Wi-Fi	WiFi-6 2.4G/5GHz IEEE 802.11a/b/g/n/ac/ax
Bluetooth	Bluetooth 5.2 BLE
Headphone	USB Type-C Digital headphone
Speaker	8Ω/1.3W, quad speakers
Mic	Support
IMU	3-axis accelerometer and 3-axis gyroscope
Light	Ambient light sensor
Hall	Support
RTC	Support
Vibrator	Support
USB Type-C	USB3.1 OTG, DP ALT, PD
TF Card	Mirco TF Card
Button	Power/Vol+/Vol-
Android	Android12(Default) Android11/13/14(Optional)
Linux	Ubuntu22.04 / Debian11 / Buildroot
Chinese OS	UOS / KyLinOS / HarmonyOS

USB Type-C	USB-C Adapter, 5V/3A, 9V/2.22A, 12V/1.67A(20W)
Battery	3.8V/8000mAH, 6-8Hours
Chassis Material	Integrated aluminum alloy
Color (Front/Back)	Silver, gray, blue, gold etc
Mounting	Handheld or desktop
Dimension	251 x 165.5 x 10mm
Weight	1.71 lb (777g)
Operating Temperature	0°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Operating Humidity	10% ~ 90% (Non condensation)

