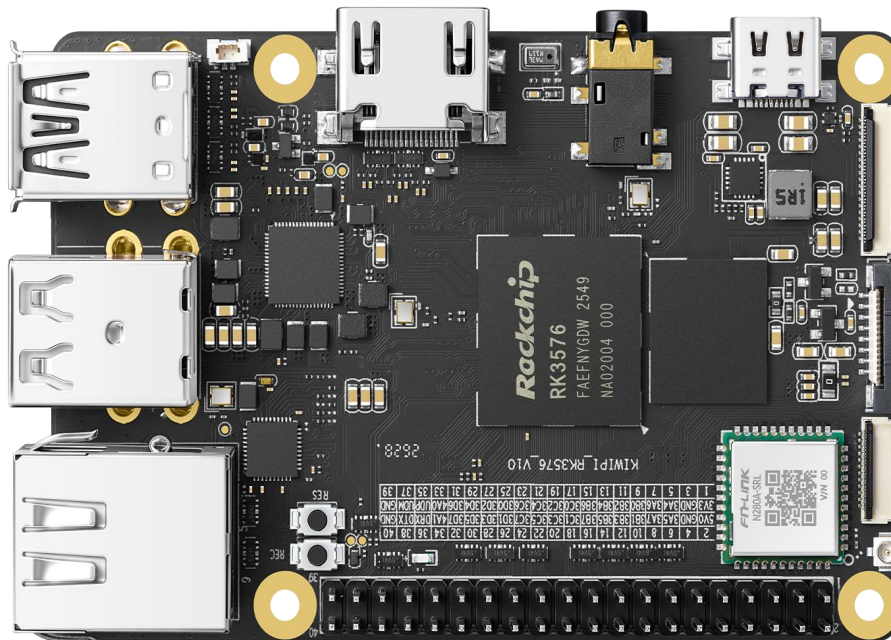


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## Kiwi Pi 4



## Basic Parameters

|     |                                                                                                                          |
|-----|--------------------------------------------------------------------------------------------------------------------------|
| CPU | Rockchip RK3576, 8nm process<br>ARM G52 MC3<br>4*Cortex-A72@2.2GHz + 4*Cortex-A53@1.8GHz                                 |
| GPU | ARM Mali-G52 MC3<br>OpenGL ES 1.1/2.0/3.2<br>OpenCL 1.1/1.2/2.1<br>Vulkan 1.1,<br>High performance 2D image acceleration |
| NPU | Dual-core NPU, 6TOPS* RKNN<br>Support int4/int8/int16/FP16/BF16/TF32 acceleration<br>Enable various AI applications      |

|                |                                                                                                                                                                                |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VPU            | Video Decoding:<br>8K@30fps / 4K@120fps: H.265(HEVC)/VP9/AVS2/AV1<br>4K@60fps: H.264(AVC)<br>1080P@60fps: VP8/MPEG2/MPEG4<br>Video Encoding:<br>4K@60fps: H.264 / H.265 (HEVC) |
| DDR            | LPDDR4 3GB                                                                                                                                                                     |
| Storage        | UFS 64GB<br>MicroSD (TF) Card Slot                                                                                                                                             |
| USB            | 1*Type-C (Full funtion:USB3.1-OTG,DP ALT)<br>1*USB 3.0 Host<br>2*USB 2.0 Host                                                                                                  |
| Video Output   | HDMI2.1 (Maximum resolution 8K@30fps)<br>Type-C DP1.4 (maximum resolution 8K@30fps)<br>Mipi-DSI 4-Lane (maximum resolution 2560*1600@60fps)                                    |
| Video lutput   | 2 * MIPI-CSI 4Lane                                                                                                                                                             |
| HDMI           | HDMI2.1 (8K@30fps or 4K@120fps)                                                                                                                                                |
| Wireless       | WiFi 6 (IEEE802.11 a/b/g/n/ac/ax up to 600.4Mbps)<br>BT5.4<br>2.4Ghz and 5Ghz band channels, 1T1R                                                                              |
| Ethernet       | 1000Mbps RJ45                                                                                                                                                                  |
| Audio          | 3.5mm headphone jack with stereo audio output and mic input<br>On board mic input                                                                                              |
| Expansion Port | 40Pin header including Power output , I/O,power on/off key,Debugging<br>I/O Pin can be program to UART, PWM, I2C, SPI, CAN, GPIO etc                                           |
| FAN Port       | 1*0.8mm spacing 5V fan base                                                                                                                                                    |
| Button         | Recovery key<br>Reset key                                                                                                                                                      |
| LED            | Green LEDs                                                                                                                                                                     |

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Power Supply | Type-C PD 12V/2A<br>Support QC2.0/PD3.1/BC1.2 and The third party charging protocols |
| Supported OS | Linux 5.10 (option:Linux6.10)<br>Android15, Debian12, Ubuntu24.04                    |
| Dimension    | 56mm(L) x 85mm(W)                                                                    |
| Weight       | 39Grams                                                                              |