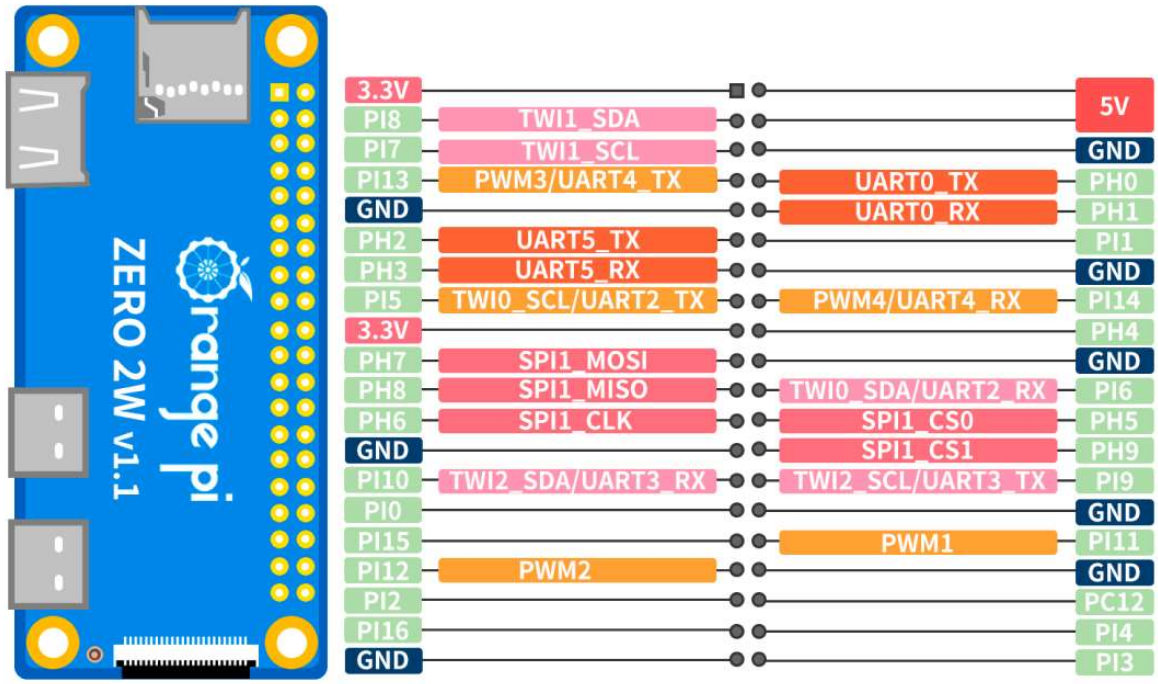
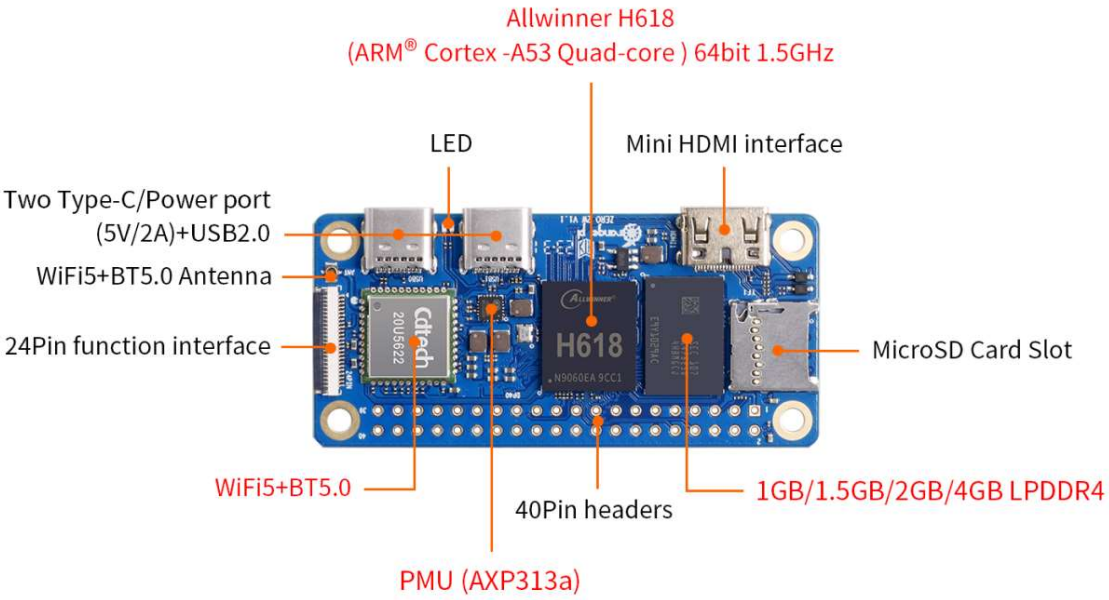
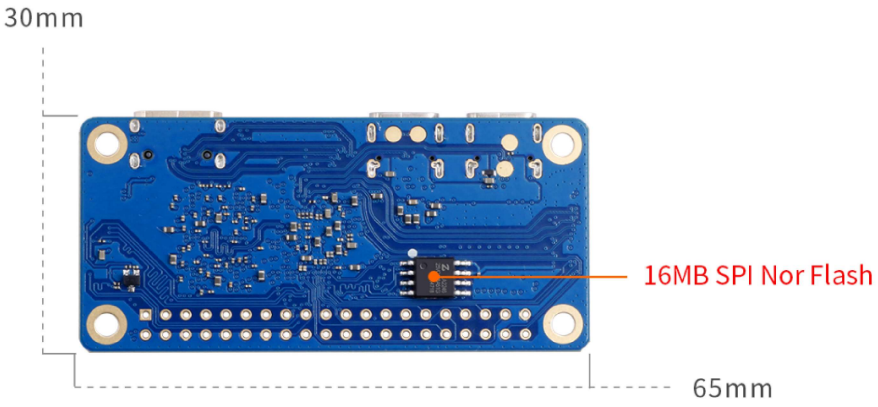
Orange Pi Zero 2W V1.1 Pin Definition



Product display



Top View



Bottom View

Hardware Parameters

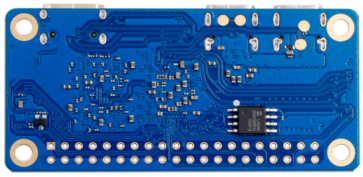
CPU	Allwinner H618 Quad-Core Cortex-A53 Processor 1.5GHz
GPU	Mali G31 MP2 - Support OpenGL ES 1.0/2.0/3.2, OpenCL 2.0, Vulkan 1.1
RAM	LPDDR4:1GB/1.5GB/2GB/4GB (optional)
Memory	SPI Flash: 16MB
Wi-Fi + BT	Wi-Fi5.0+BT 5.0

Video output	1*Mini HDMI TX 2.0 port supporting 4K@60FPS
USB	Type-C USB2.0*2
SD card interface	1*Micro SD card interface
Expansion interface	24Pin expansion interface: USB2.0*2, 100M Ethernet interface, IR receiver interface, audio output, TV-out, power button, user-defined buttons*2
40Pin	40Pin function expansion interface, supporting the following interface types: GPIO、UART、I2C、SPI、PWM
Power Source	Type-C 5V2A，Type-C 5V3A
Supported OS	Android 12 TV，Debian11，Debian12，Ubuntu22.04，Ubuntu20.04，Orange Pi OS（Arch）
PCB Dimension	30mm x 65mm x 1.2mm
Weight	12.5g

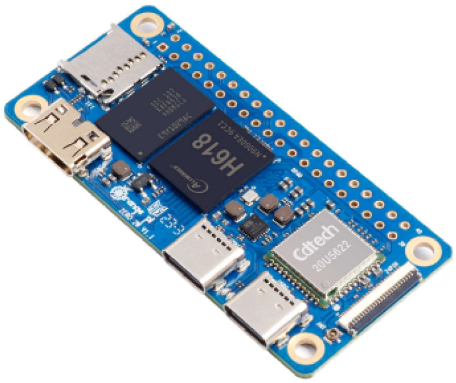
Product display



Front



Back



45° angle

