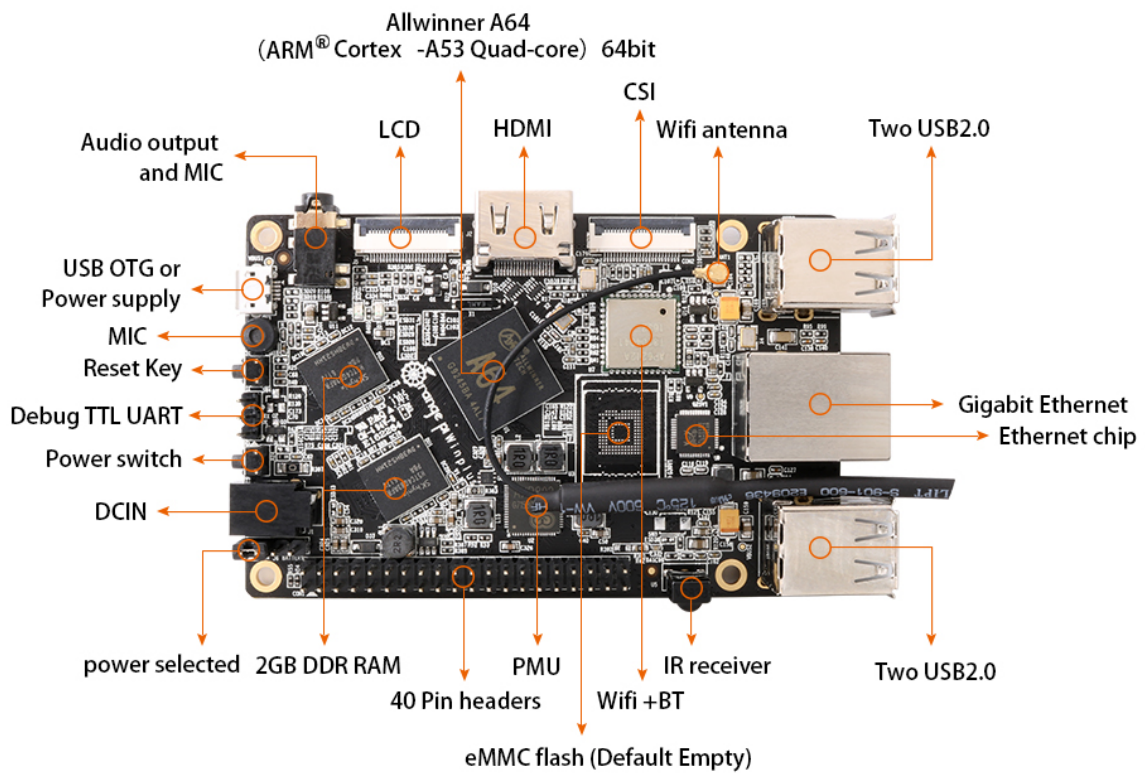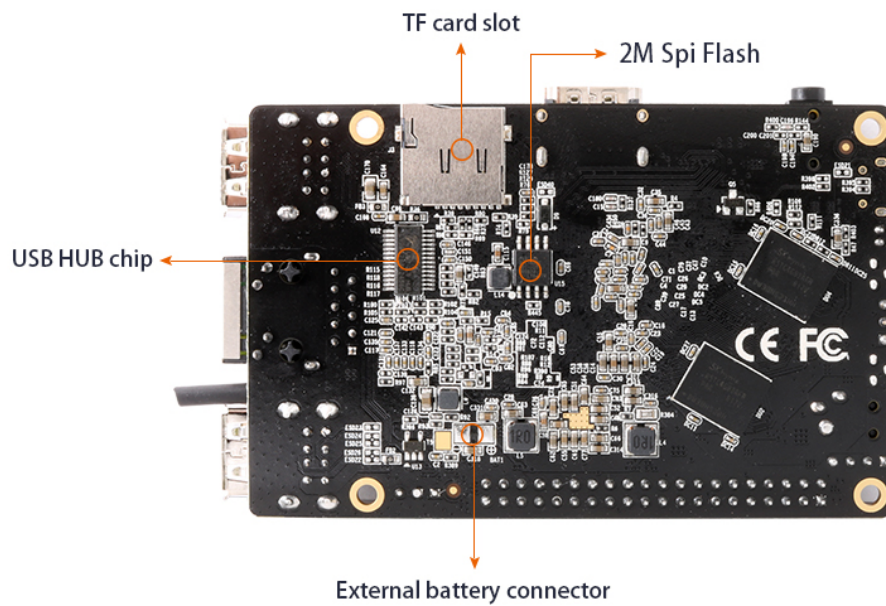# What's Orange Pi Win Plus?

It's an open-source single-board computer. It can run Android 6.0, Ubuntu, Debian, Raspbian Image, it uses the AllWinner A64 SoC, and has 2GB DDR3 SDRAM.

Top view

Allwinner A64
(ARM® Cortex -A53 Quad-core) 64bit

CSI

Audio output and MIC

LCD   HDMI   Wifi antenna   Two USB2.0

USB OTG or Power supply

MIC

Reset Key

Debug TTL UART

Power switch

DCIN

Gigabit Ethernet

Ethernet chip

power selected   2GB DDR RAM   PMU   IR receiver   Two USB2.0

40 Pin headers   Wifi +BT

eMMC flash (Default Empty)

Bottm view

TF card slot

2M Spi Flash

USB HUB chip

External battery connector

What can I do with Orange Pi Win Plus?

Build...
A computer
A wireless server
Games
Music and sounds
HD video
A speaker
Android
Scratch
Pretty much anything else, because Orange Pi Win Plus is open source

Who's it for?

Orange Pi Win Plus is for anyone who wants to start creating with technology – not just consuming it. It's a simple, fun, useful tool that you can use to start taking control of the world around you.

Hardware specification

CPU	A64 Quad−core Cortex−A53 64bit
GPU	• Mali400MP2 GPU • Supports OpenGL ES 2.0 and OpenVG1.1
Memory (SDRAM)	2GB (shared with GPU)
Onboard Storage	TF card (Max. 64GB) / NOR flash(2MB)/eMMC （Default empty）
Onboard Network	1000M/100M Ethernet RJ45
Video Input	A CSI input connector Camera： Supports 8−bit YUV422 CMOS sensor interface Supports CCIR656 protocol for NTSC and PAL Supports SM pixel camera sensor Supports video capture solution up to 1080p@30fps
Audio Input	MIC、3.5 mm Jack
Video Outputs	Supports HDMI output with HDCP Supports HDMI CEC Supports HDMI 30 function MIPI LCD
Audio Output	3.5 mm Jack、 HDMI
Onboard WIFI+BT	AP6212, IEEE 802.11 b/g/n,BT4.2
USB 2.0 Ports	Four USB 2.0 HOST, one USB 2.0 OTG
Power Source	DC input can supply power USB OTG input can supply power Battery input can supply power
Buttons	Power Button(SW2), Reset Button (SW4)
Low−level peripherals	40 Pins Header,compatible with Raspberry Pi B+
GPIO(1x3) pin	UART, ground.
LED	Power led & Status led
Key	IR input, POWER,Reset
Supported OS	Android, Ubuntu, Debian, Raspbian image

Interface definition

Product size	93mm × 60mm
Weight	48g