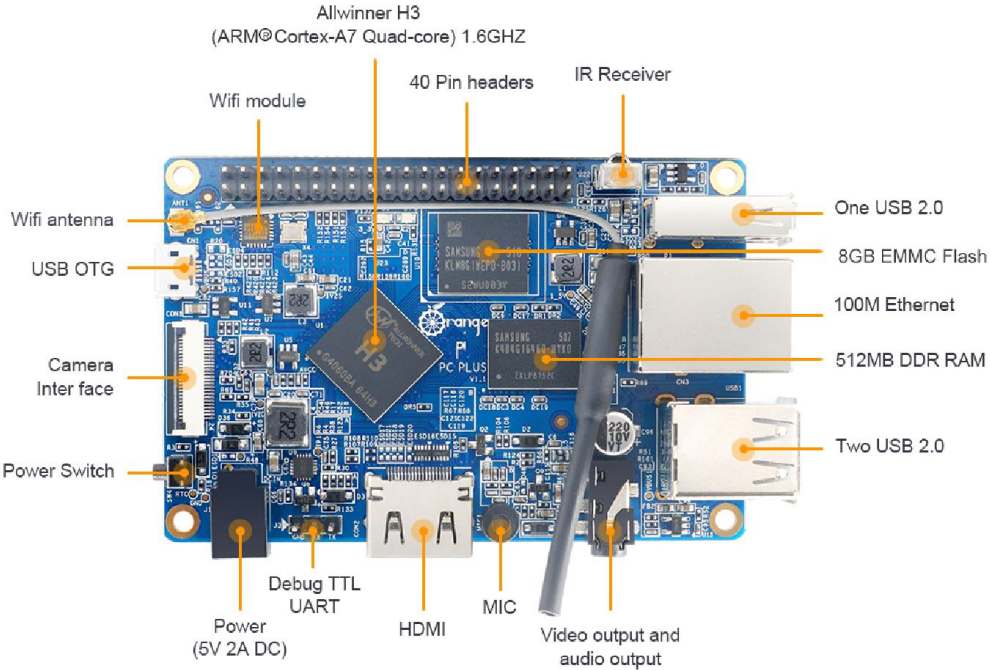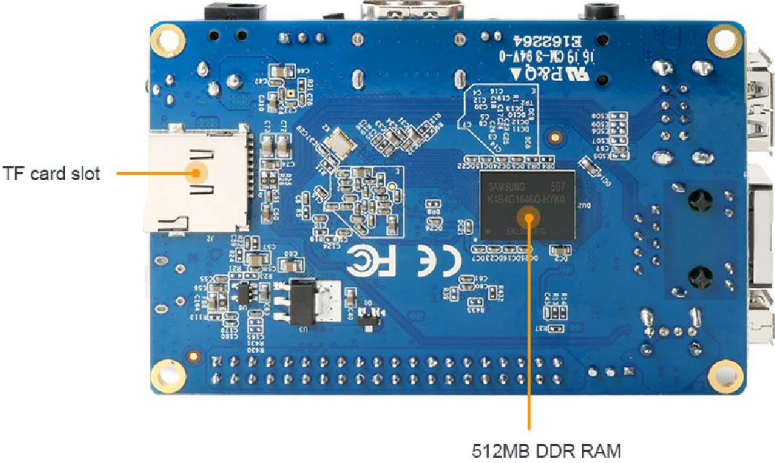# What's Orange Pi Pc Plus？

It's an open-source single-board computer. It can run Android 4.4, Ubuntu, Debian Image. It uses the AllWinner H3 SoC, and has 1GB DDR3 SDRAM.

Top view

Allwinner H3
(ARM®Cortex-A7 Quad-core) 1.6GHZ

Wifi module

40 Pin headers

IR Receiver

Wifi antenna

USB OTG

Camera
Inter face

Power Switch

Debug TTL
UART

Power
(5V 2A DC)

HDMI

MIC

Video output and
audio output

One USB 2.0

8GB EMMC Flash

100M Ethernet

512MB DDR RAM

Two USB 2.0

Bottm view

TF card slot

512MB DDR RAM

What can I do with Orange Pi Pc Plus?

You can use it to build…

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

Who's it for?

Orange Pi PC 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	H3 Quad-core Cortex-A7 H.265/HEVC 4K
GPU	·Mali400MP2 GPU @600MHz ·Supports OpenGL ES 2.0
Memory (SDRAM)	1GB DDR3 (shared with GPU)
Onboard Storage	TF card (Max. 32GB) / MMC card slot 8GB EMMC Flash
Onboard Network	10/100 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
Video Outputs	Supports HDMI output with HDCP Supports HDMI CEC Supports HDMI 30 function Integrated CVBS Supports simultaneous output of HDMI and CVBS
Audio Output	3.5 mm Jack and HDMI
Power Source	DC input, USB OTG input don't supply power
USB 2.0 Ports	Three USB 2.0 HOST, one USB 2.0 OTG
Buttons	Power button
Low-level peripherals	40 Pins Header
GPIO(1x3) pin	UART, ground.
LED	Power led & Status led
Key	IR input,POWER
Supported OS	Android Lubuntu, Debian Image

Interface definition

Product size	85mm × 55mm
Weight	70g