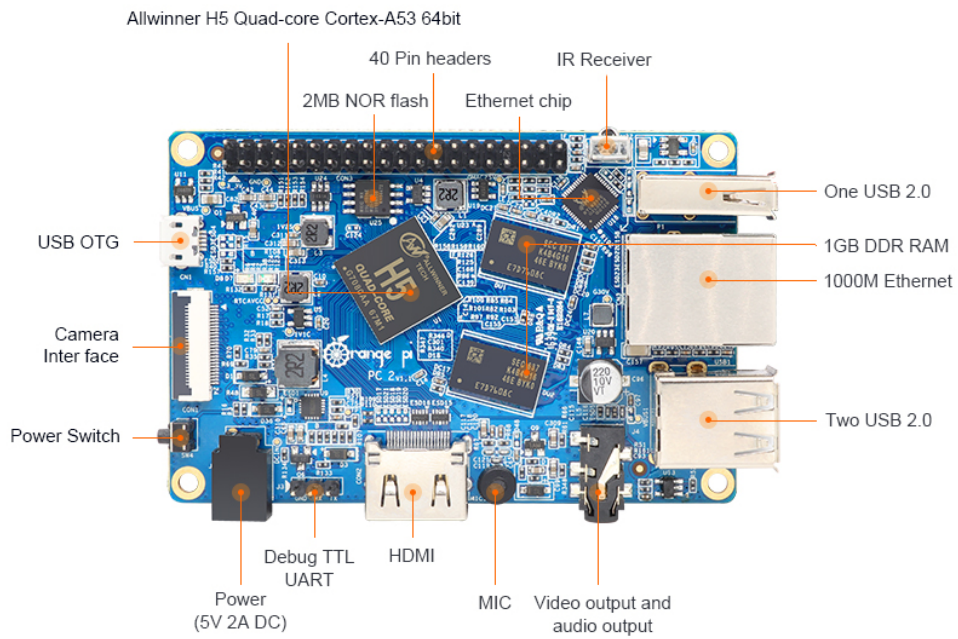


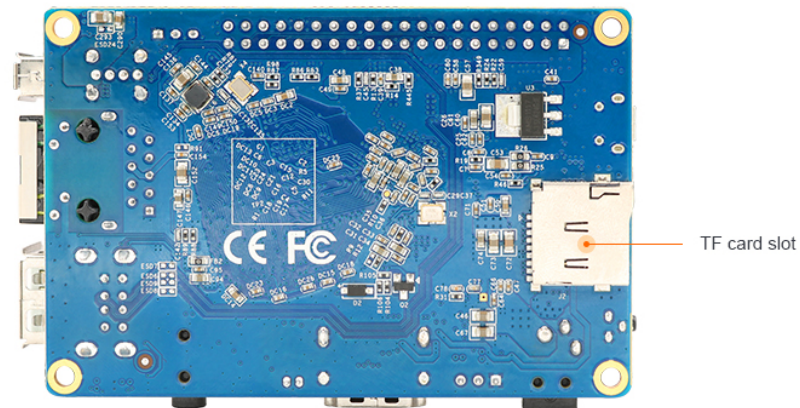
What's Orange Pi PC 2 ?

It's an open-source single-board computer. It can run Android 4.4, Ubuntu, Debian, Image. It uses the Allwinner H5 SoC, and has 1GB DDR3 SDRAM.

Top view



Bottom view



What can I do with Orange Pi PC 2 ?

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 2 is open source

Who's it for?

Orange Pi PC 2 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	<ul style="list-style-type: none">• High Performance Quad-core 64-bit Cortex-A53• Integrated multimedia acceleration engine• Hardware Java acceleration• Integrated hardware floating-point coprocessor
GPU	<ul style="list-style-type: none">• Mali450 GPU including dual Geometry Processors(GP) and quad Pixel Processors• Supports OpenGL ES 2.0 and OpenVG1.1• 3000Mpix/sec and 163Mtri/sec• Full scene over-sampled 4X anti-aliasing engine with no additional bandwidth usage
Memory (SDRAM)	1GB DDR3 (shared with GPU)
Onboard Storage	TF card (Max. 64GB) / NOR flash(8Mb)
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
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 can supply power, but USB OTG input don't supply power
USB 2.0 Ports	Three USB 2.0 HOST, one USB 2.0 OTG
Buttons	Power Button(SW4)
Low-level peripherals	40 Pins Header
GPIO(1x3) pin	UART, ground.
LED	Power led & Status led
Key	IR input, POW
Supported OS	Android Ubuntu, Debian

Interface definition

Product size	85 mm × 55mm
Weight	38g