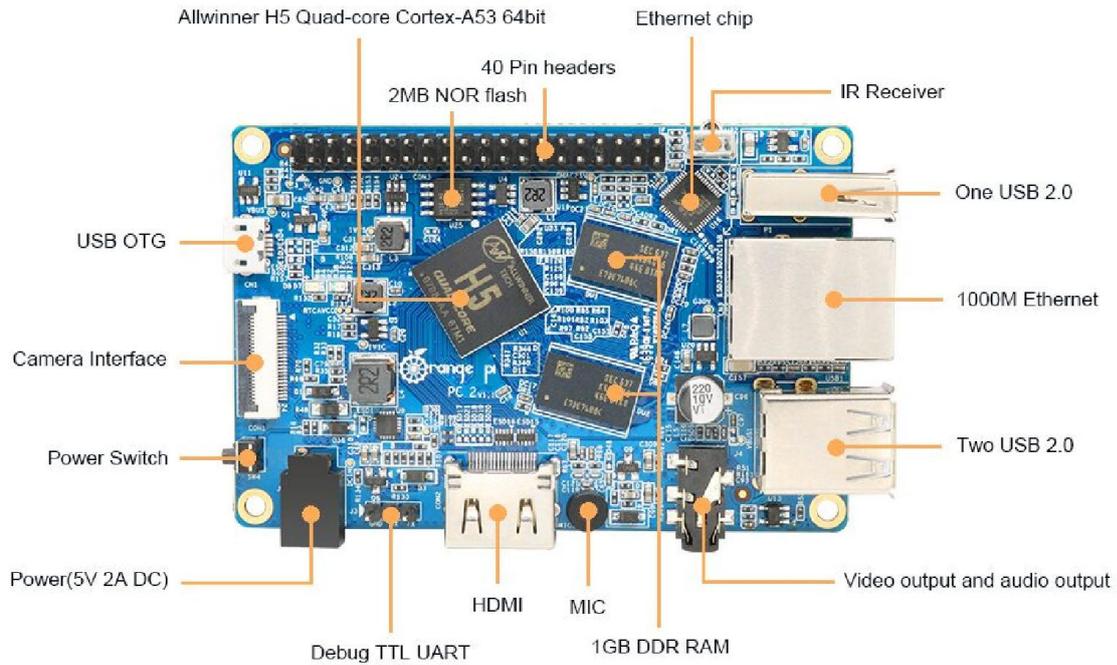


Orange Pi PC 2

It's an open-source single-board computer. It can run Android 5.1, 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?

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">• H5 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">• Full scene over-sampled 4X anti-aliasing engine with no additional bandwidth usage• High Performance Hexa-core Mali450• OpenGL ES 2.0/1.1/1.0, OpenVG 1.1, EGL• 40 GFlops, Pixel fill rate greater than 2.7GPixel/s
Memory (SDRAM)	1GB DDR3 (shared with GPU)
Onboard Storage	TF card (Max. 32GB) / NOR flash(2MB)
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

	<p>Supports SM pixel camera sensor</p> <p>Supports video capture solution up to 1080p@30fps</p>
Audio Input	MIC
Video Outputs	<p>Supports HDMI output with HDCP</p> <p>Supports HDMI CEC</p> <p>Supports HDMI 30 function</p> <p>Integrated CVBS</p> <p>Supports simultaneous output of HDMI and CVBS</p>
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, POWER
Supported OS	Android, Ubuntu, Debian
Interface definition	
Product size	85 mm × 55mm
Weight	70g

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