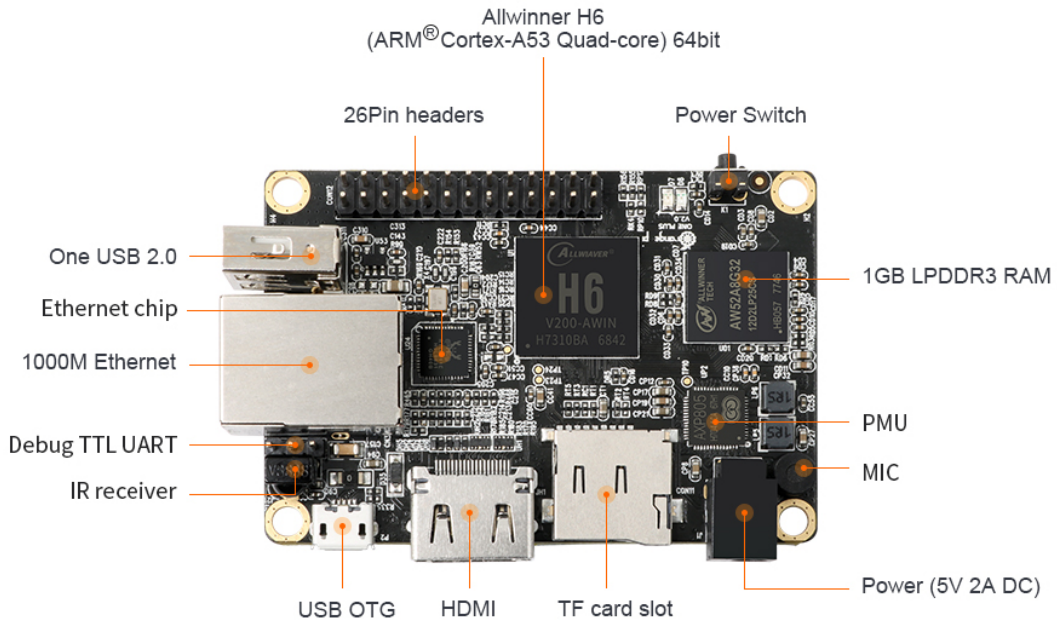


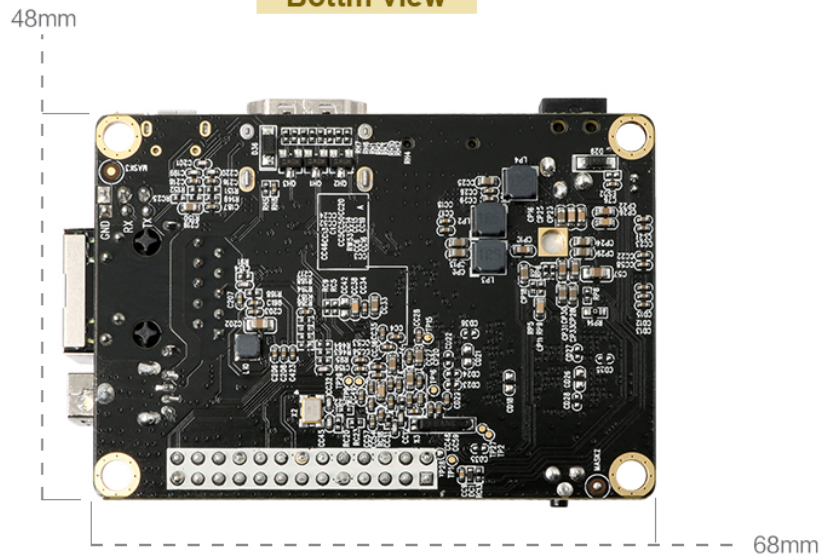
What's Orange Pi One Plus ?

It's an open-source single-board computer. It can run Android7.0, Ubuntu, Debian, Image. It uses the AllWinner H6 SoC, and has 1GB LPDDR3 SDRAM

Top view



Bottom view



What can I do with Orange Pi One 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 One Plus is open source

Who's it for?

Orange Pi One 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	H6 Quad-core 64-bit ARM Cortex™-A53
GPU	<ul style="list-style-type: none">• High-performance multi-core GPU Mali T720• OpenGL ES3.1/3.0/2.0/1.1• Microsoft DirectX 11 FL9_3• ASTC(Adaptive Scalable Texture Compression)• Floating point operation greater than 70 GFLOPS
Memory (SDRAM)	1GB LPDDR3 (shared with GPU)
On-board Storage	TF card (Max. 32GB) /MMC card slot
On-board Network	10/100M/1000M Ethernet RJ45
Network Chip	RTL8211
Audio Input	MIC
Video Outputs	HDMI 2.0a TX with HDCP 2.2 output
Audio Output	HDMI 2.0a
Video Decoding	<ul style="list-style-type: none">• H265/HEVC Main/Main10 profile@Level5.2 High-tier ;4K@60fps, up to 6Kx4K@30fps• H264/AVC BP/MP/HP@level5.1, MVC, 4K@30fps• VP9, Profile 0/2, 4K@30fps• AVS+/AVS JIZHUN profile@level 6.0, 1080P@60fps
Power Source	DC input, USB OTG input can supply power
USB 2.0 Ports	One USB 2.0 Host, one Micro USB 2.0
PMU	AXP805
Low-level peripherals	26 Pins Header
GPIO(1x3) pin	UART, ground.
LED	Power led & Status led
Key	Power(K1)
IR Receiver	Yes
Supported OS	Android7.0, Ubuntu, Debian

Interface definition

Product size	68mm × 48mm
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