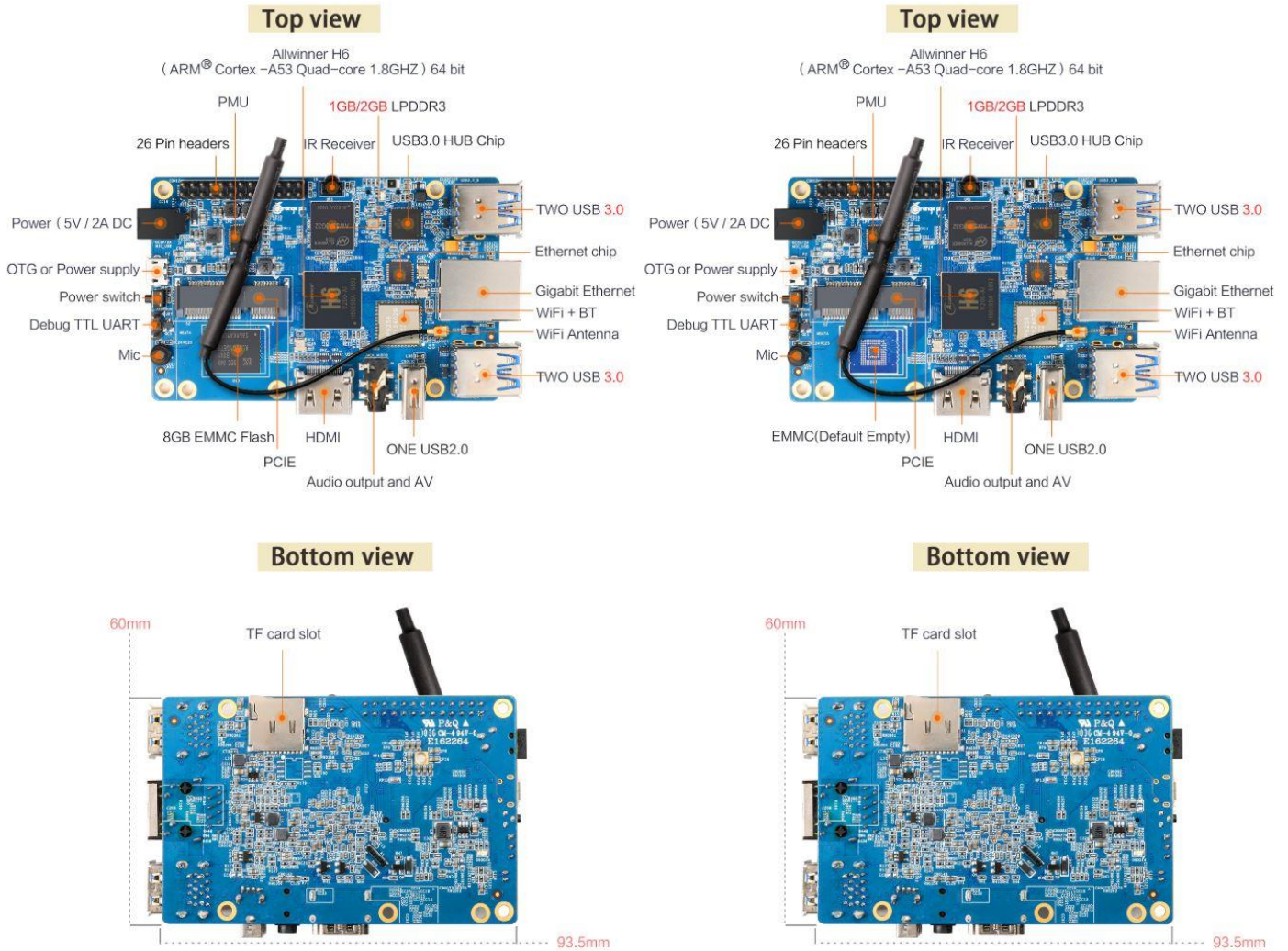


ORANGE Pi 3

What's Orange Pi 3 ?

It's an open-source single-board computer. It can run Android 7.0, Ubuntu, Debian image. It uses the Allwinner H6 SoC, and equipped with 1GB/2GB LPDDR3 (shared with GPU) , an optional 8GB eMMC flash



What can I do with Orange Pi 3?

Build...

A computer

A wireless server

Games

Music and sounds

HD video

A speaker

Android

Scratch

Pretty much anything else, because Orange Pi 3 is open source

Who's it for?

Orange Pi 3 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 1.8GHZ 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+Onboard Storage	Four Types: 1GB LPDDR3 (shared with GPU)+EMMC(Default Empty) 2GB LPDDR3(shared with GPU)+EMMC(Default Empty) 1GB LPDDR3 (shared with GPU)+8GB EMMC Flash 2GB LPDDR3(shared with GPU)+8GB EMMC Flash
WIFI+BT	AP6256, IEEE 802.11 a/b/g/n/ac, BT5.0
Onboard Network	10/100M/1000M , ethernet RJ45
Network Chip	RTL8211
Audio Input	MIC
Audio Output	HDMI 2.0a and 3.5 mm AV Jack
Video Output	HDMI 2.0a and CVBS
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
PCIE	<ul style="list-style-type: none">• Supports RC mode• Supports x1 Gen2(5.0Gbps) lane• Complies with PCI Express Base 2.0 Specification
Power Source	DC input, MicroUSB (OTG)
PMU	AXP805

USB 2.0 Ports	1*USB 2.0 Host, 1*USB OTG 2.0
USB 3.0 Ports	4*USB 3.0 Host
Low-level peripherals	26 Pin
GPIO(1x3) pin	UART, ground.
LED	Power LED、Status LED and USB3.0 LED
IR	YES
Key	Power(SW4)
Supported OS	Android7.0, Ubuntu, Debian
Interface definition	
Product size	90mm*64mm
Weight	75g