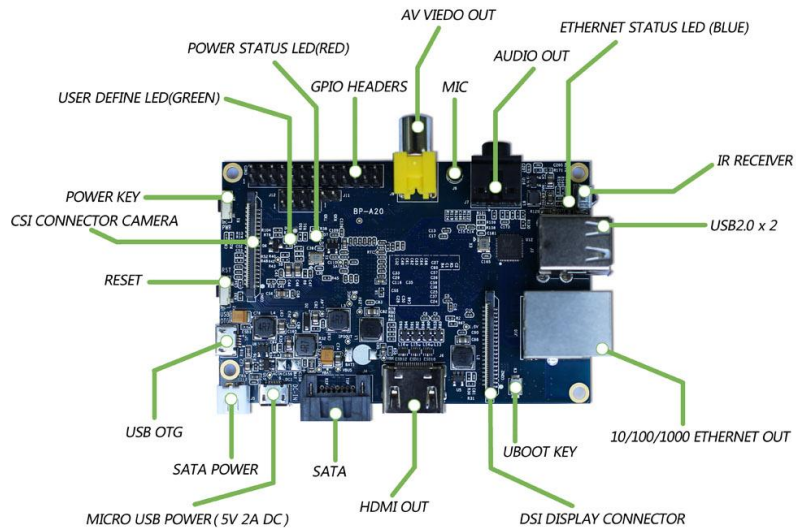
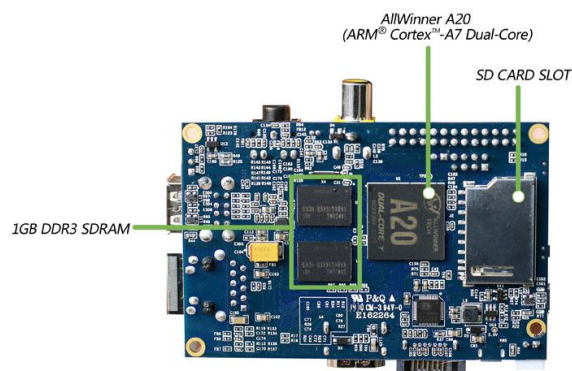


# What's Banana Pi ?

It's an open-source single-board computer. It can run Android 4.4, Ubuntu, Debian, Raspberry Pi Image, as well as the Cubieboard Image. It uses the AllWinner A20 SoC, and has 1GB DDR3 SDRAM.



*Front side*



*Back side*



## What can I do with Banana Pi?

Build...

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

## Who's it for?

Banana Pi 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.

<b>Hardware specification</b>	
CPU	A20 ARM® Cortex™-A7 Dual-Core
GPU	ARM Mali400MP2 Complies with OpenGL ES 2.0/1.1
Memory (SDRAM)	1GB DDR3 (shared with GPU)
Onboard Storage	SD (Max. 64GB) / MMC card slot UP to 2T on SATA disk
Onboard Network	10/100/1000 Ethernet RJ45 (optional USB WIFI Dongle)
Camera Input	A CSI input connector allows for the connection of a designed camera module
Sound Input	Mic
Video Outputs	HDMI, CVBS , LVDS/RGB
Audio Output	3.5 mm Jack and HDMI
Power Source	5 volt via MicroUSB(DC In Only) and/or MicroUSB (OTG)
USB 2.0 Ports	2 (direct from Allwinner A20 chip)
Buttons	Reset button: Next to MicroUSB connector Power button: Next to Reset button UBoot button (optional): Behind HDMI connector
GPIO(2X13) pin	GPIO, UART, I2C bus, SPI bus with two chip selects, CAN bus, ADC, PWM, +3.3V, +5v, ground.
LED	Power Status LED (Red) Ethernet Status LED (Blue) User Define LED (Green)
Remote	IR
Supported OS	 Android    Android 4.4    Debian    Ubuntu    Raspberry Pi
Supported Apps	 <a href="#">Scratch</a>

## Interface definition

Product size	92 mm × 60mm
Weight	48g

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Debian trademark is a registered United States trademark of Software in the Public Interest, Inc.

Ubuntu is a registered trademarks of Canonical Ltd.

Raspberry Pi is a registered trademark of the Raspberry Pi Foundation.