



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

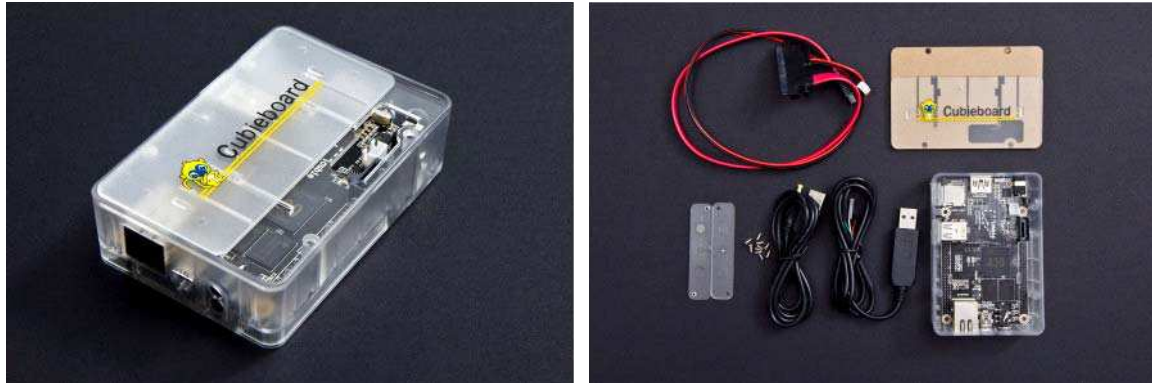
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





## Cubieboard 2 Kit SKU:DFR0261



### INTRODUCTION

Cubieboard2 (ARM® Cortex™-A7 Dual-Core), a upgrade of current cubieboard, is ready to ship now.

Cubieboard2 is based on Allwinner A20 SoC, small size , hacker friendly, extendable and very low-cost.It is an alternative to the Raspberry Pi or pcDuino. Compare with Raspberry Pi, it has higher performance, SATA supported and 96 extended interface.

Compared with cubieboard,just replacing one chip(well, the most important one),cubieboard2 are upgraded from a single core to a dual core and twice gpu performance, and even no change is needed on the PCB. So all the base boards, accessories that works with cubieboard will also fit in with cubieboard2.

On the software side, cubieboard2 support both android 4.2 Jelly Bean, Ubuntu 12.04 and other Linux distributions. Android Jelly Bean improves on speed and simplicity and brings a lot of new feature.

If you plan to assemble a small computer, you can try using this small ARM platform cubieboard. It supports Ubuntu and other Linux distributions; you could use it like an ordinary computer operation. At the same time, the platform also supports Android 4.0 Ice Cream Sandwich system and has built-in IR sensor, can be used as "Android TV".

## **SPECIFICATION**

- CPU : ARM® Cortex™-A7 Dual-Core
- GPU : ARM® Mali400MP2, Complies with OpenGL ES 2.0/1.1
- Memory : 1GB DDR3 @960M
- Storage : 4GB internal NAND flash, up to 64GB on uSD slot, up to 2T on 2.5 SATA disk
- Power : 5VDC input 2A or USB otg input
- Networking : 10/100 ethernet, optional wifi
- USB : Two USB 2.0 HOST, one USB 2.0 OTG
- Extended Interfaces: 96 extend pin interface, including I2C, SPI, RGB/LVDS, CSI/TS, FM-IN, ADC, CVBS, VGA, SPDIF-OUT, R-TP, and more
- Other: One IR

## **SHIPPING LIST**

- Cubieboard 2 main board x1
- DC to USB cable x1
- SATA cable(data + power) x1
- Cubieboard Case x1
- Serial to USB cable x1