



PRODUCT NAME : CubieBoard 4 - Octacore, 2GB RAM / 8GB Flash (CC-A80)

PRICE : Rs 13,565.00
SKU : RM1336



DESCRIPTION

CubieBoard 4 - Octacore, 2GB RAM / 8GB Flash (CC-A80)

Cubieboard4 also named CC-A80, is a open source mini PC or single board computer which has ultra-powerful performance and mainly aims to office, games and entertainment. The main chipset Allwinner A80 is a 28nm Octa-Core A15/A7 big.LITTLE architecture application processor with a CPU dominant frequency of 2GHz. It also has the amazing GPU 64-core GPU graphics core PowerVR G6230 which supports openGL ES, openGL, even openCL. CC-A80 has the standard interfaces like desktop computer, such as HDMI&VGA, 100M/1000M RJ45, 4 USB2.0 host ports,1 USB3.0 OTG port, Audio output, Microphone input, dual-band wifi and bluetooth 4.0, micro SD card. It has 2GB DDR3 on-board memory and support Li-Po battery UPS power input, so that we can say it's a good mobile development platform.

Product Information

Name: Cubieboard4, CB4 for short, Also named CC-A80 as MiniPc

Property? Software open source, Hardware open, Production materials closed???

Owner: CubieTech Limited

Chipset: Allwinner technology A80, ARM architecture Octa-Core big.LITTLE Cortex-A15/A7, 64-core PowerVR G6230

System: Android, Debian, Ubuntu and many other open source distribution...

Target: Developer, Geek, Maker, Scholar, Student, even the average consumers

Product Introduction

Cubieboard4 is the 4th generation product of Cubieboard series from Cubietech Limited. Cubieboard is open source hardware which targets Developer, Geek, Maker...It's a new PCB model adopted with Allwinner A80 main chip. And it is enhanced with some new features, such as 2GB DDR3 memory, VGA display port on-board, 100M/1000M RJ45, dual band WIFI, Blue Tooth on-board, support Li-battery and RTC battery, 4 USB Ports and 1 USB 3.0 OTG port.

It's not only for development, but also can be used in various areas like other Mini Pc products. Thanks to its rich interfaces, high performance, and good open source support ambient, more and more developers or start-up team can benefit from it and would like to do lots of promotion work for it.

Product Features

- SOC: AllWinner SOC A80?ARM® big.LITTLE Octa-Core architecture Cortex™-

A15 Qual-Core?upto 2.0GHz, Cortex™-A7 Qual-Core?upto 1.3 GHz,

Imagination PowerVR® G6230 64-core, Complies with OpenGL ES 2.0/3.0,

OpenGL, OpenGL

- Memory: 2GB DDR3@800MHz (1600MTPS)

- Storage: EMMC 8GB, write/read speed 25MB/s

- TF Card: Micro SD card slot

- Display: HDMI Port A, HDMI V1.4a 4K@30Hz, VGA, support 1080P@60Hz resolution

output

- Ethernet: 100M/1000M RJ45
- Wireless: Wifi: 2.4G/5.8G, Dual Band, 300Mbps with external antenna. BT4.0+EDR
- IR: Infrared remote receiver Philips standard
- RTC? Support 1220 size rechargeable button cell
- Audio: Support 3.5 headphone jack for Audio output, Support 3.5 jack for Microphone
- Power: DCIN 5V@4A power, Support USB 3.0 jack power input, Support 3.7V Li-

Po battery

- Keys: Power key, Reset key, uboot key for reflashing the image
- LEDs: Power Led x 1, User Led x 2
- Others: 2x UART0, 2x I2C, JTAG and 5V, 3.3V power

Other Specification

Operating Temperature: -20?~70?

Environment Friendly: RoHS

Radio Standard: Fcc & CE compatible

Board Size: 111mm*111mm*18mm

Packing Weight: 590g

Packing Size: 162mm*150mm*77mm

