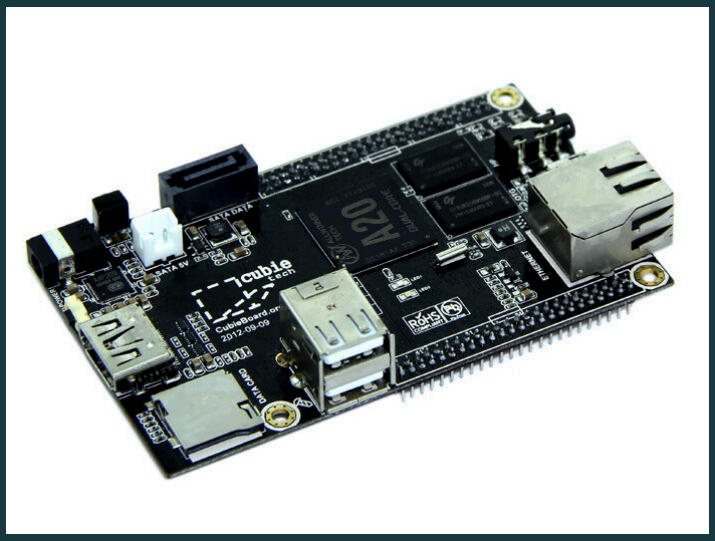
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INDUSTRIAL PRODUCT DATASHEET

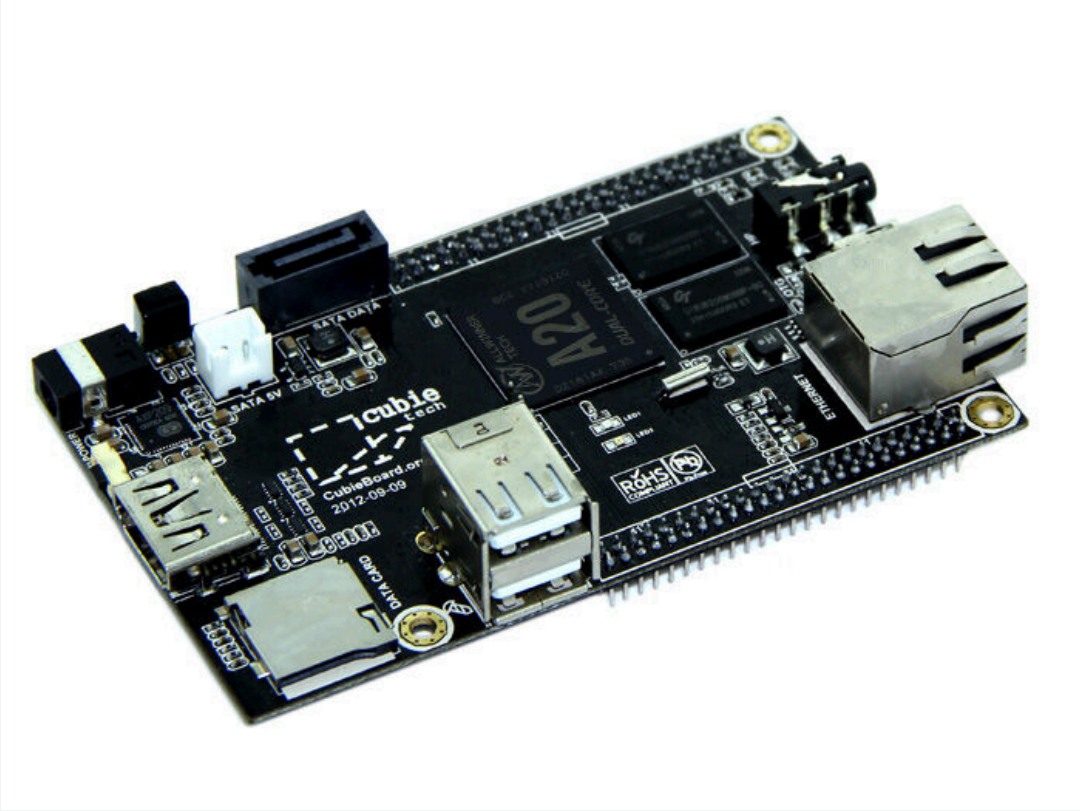
Cubieboard A20

Upgraded with a dual-core Allwinner A20 processor, the Cubieboard A20 delivers enhanced performance, Android and Linux support, and seamless compatibility with existing accessories.

SKU	UPDATED	PRICE
102990036	2024-08-09 02:09:42	$64.90(Excl. VAT)



Overview



The Cubieboard A20 is an upgraded version of the original Cubieboard, featuring an Allwinner A20 dual-core ARM Cortex-A7 processor and Mali400MP2 GPU for twice the graphics performance. It supports Android 4.2, Ubuntu 12.04, and other Linux distributions, and maintains compatibility with existing accessories via the same PCB and 96-pin extended interface.

Key Features

An upgrade of **cubieboard**, cubieboard A20 is coming. Compared with cubieboard, the cubieboard A20 uses an Allwinner A20 processor which has a dual core CPU and twice GPU performance. On the software side, cubieboard2 supports both android 4.2 Jelly Bean, Ubuntu 12.04 and other Linux distributions.

Since cubieboard2 and cubieboard share the same PCB, all the accessories work with cubieboard can also fit cubieboard2.

Features

-
- Allwinner A20 SOC
-
- 96 pin extended interface
-
- Built-in IR receiver
-
- SATA supported
-
- Supports 2.4GHz wireless keyboard and mouse

Specifications

-
- CPU: ARM® Cortex™-A7 Dual-Core
-
- GPU: ARM® Mali400MP2,Complies with OpenGL ES 2.0/1.1
-
- Memory: 1GB DDR3 @960M
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- Video output: HDMI 1080p Output
-
- Network: 10/100M Ethernet
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- Storage: 4GB internal NAND flash, up to 64GB on uSD slot, up to 2T on 2.5 SATA disk
-
- IO ports: 2 USB Host, 1 micro SD slot, 1 SATA, 1 IR

-
- Extended interfaces: 96 extend pin including I2C, SPI, RGB/LVDS, CSI/TS, FM-IN, ADC, CVBS, VGA, SPDIF-OUT, R-TP
-
- Supports systems: Running Android, Ubuntu and other Linux distributions
-
- Power supply：5VDC/2A power supply with 4.00mm(ext.diameter) x 1.7mm(int.diameter) barrel plug

Packing list

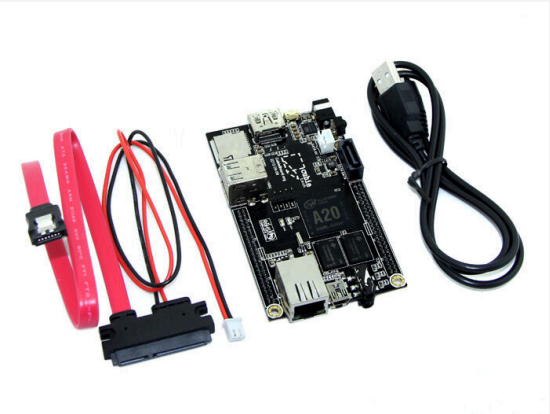
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- Main board x1
-
- DC to USB power cable x1
-
- SATA cable(data + power) x1
-
- Heat Sink x 1

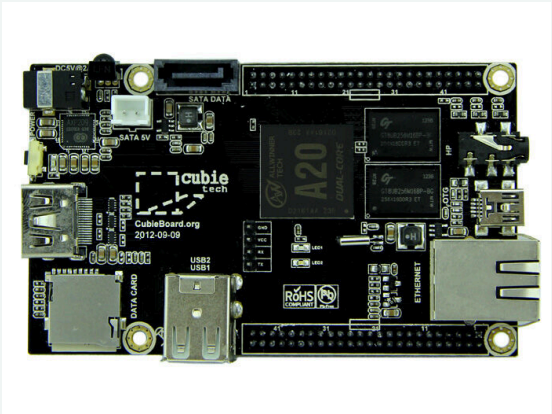
Documents

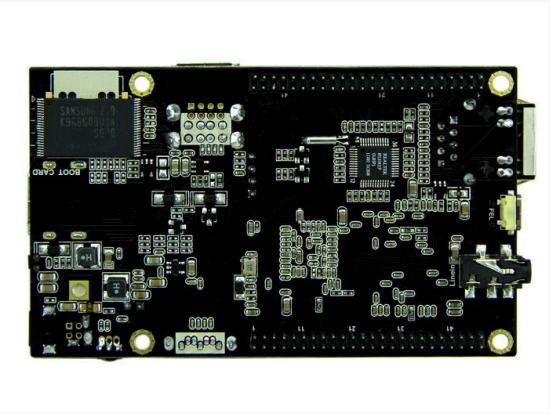
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For more product information and technical support, please contact **support@cubietech.com**.

Product Gallery







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Resource Links

- https://www.seeedstudio.com/Cubieboard-A20-p-1553.html

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com