

CuBox-i

Datasheet

NXP i.MX6™ based fanless mini PC



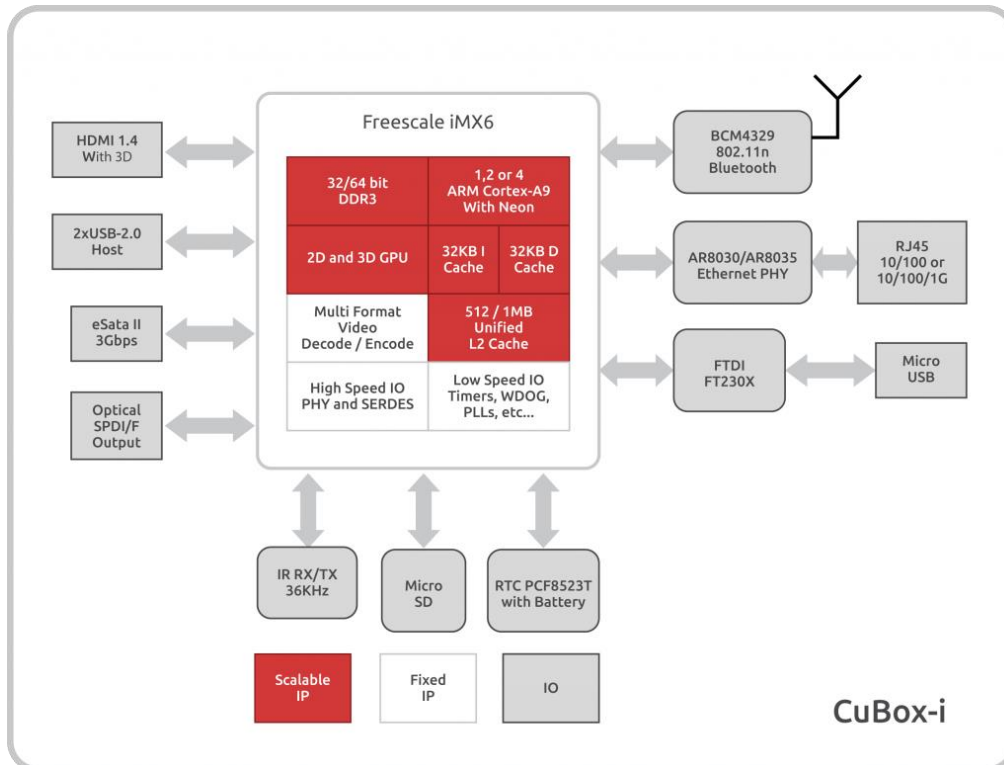
Overview

At only 2"×2"×2" the CuBox-i is the tiniest computer in the world. Its elegant enclosure makes it ideal for mini-computing solutions, while its size is perfect for integrated solutions. Take advantage of the wide variety of features, interfaces and processor options, including onboard real-time clock, in selecting the solution that's just right for you.

CuBox-i Highlighted Features

- ✿ Based on NXP's i.MX6 Single to Quad Core
- ✿ Arm Cortex A9 processor (up to 1Ghz)
- ✿ 2"×2"×2" fanless cube enclosure
- ✿ Up to 2GB DDR3

CuBox-i Block Diagram



System Specifications

CuBox-i	
SOM Model	SOM i.MX6 Solo to Quad core
Memory and Storage	Up to 2GB DDR3 eMMC MicroSD eSATA*
Connectivity	1 x RJ-45** 2 x Host USB 2.0
Media	HDMI out SPDIF
I/O	RTC with battery backup IR receiver IR transmitter
Power	5V input DC jack
Software	Linux, Android
Environment	Ambient temperature: 0°C to 40°C CPU die temperature: 0°C to 105°C Humidity (non-condensing): 10% - 90%
Dimensions (WxDxH)	5 x 5 x 5cm
Enclosure	Fanless cube shaped plastic enclosure

(*) Depends on SOM model – only available with i.MX6 Dual and Quad SOM models

(**) Note that due to internal i.MX6 buses the 1000Mbps interface speed is limited to 470Mbps

Available SKUs for CuBox-i

SKU	Description
SRMX6SOWT1D512E008X00CE	CuBox-i1 WiFi/Bluetooth 8GB eMMC
SRMX6SOW00D512E008X00CE	CuBox-i1 No WiFi/Bluetooth 8GB eMMC
SRMX6DLWT1D01GE008X00CE	CuBox-i2 WiFi/Bluetooth 8GB eMMC
SRMX6DLW00D01GE008X00CE	CuBox-i2 No WiFi/Bluetooth 8GB eMMC
SRMX6DUWT1D01GE008X00CE	CuBox-i2eX WiFi/Bluetooth 8GB eMMC
SRMX6DUW00D01GE008X00CE	CuBox-i2eX No WiFi/Bluetooth 8GB eMMC
SRMX6QDWT1D02GE008X00CE	CuBox-i4Pro WiFi/Bluetooth 8GB eMMC

Safety Notice

- a. This device is to be used with Certified Power adaptor with output rated 12VDC, 1.5A. Power adapter must meet Limited power source (LPS) requirements.
- b. Power adapter must meet local safety standards and requirements based on product intended use.
- c. Power adapter must meet operating environment conditions as specified above.

Disposal

Follow local regulations regarding disposal of the product. Dispose of your product in accordance with local regulations. In some areas, the disposal of these items in household or business trash may be prohibited.

Help us protect the environment- recycle!

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Documentation

Additional documentation available at:

<https://developer.solid-run.com/products/cubox-i/>