

NXP-Freescale i.MX6

CuBox-i Base

Carrier Board for iMX6 SoM (System-On-Module)



SolidRun Ltd.

3 Dolev st., 3rd floor, P.O. Box 75 Migdal Tefen 2495900, Israel. www.solid-run.com



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 Carrier Base Highlighted Features:

- Based on NXP's iMX6 Single to Quad Core
- Up to 4GB DDR3
- Small size 2"×2"×2"
- Fanless, Robust and Industrial Design



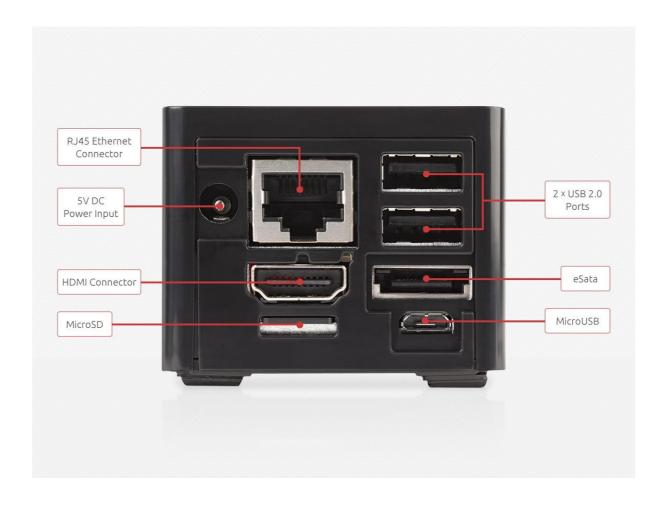
System Specifications

System on Chip	CuBox-i Base		
HDMI 1080p with CEC	✓		
USB 2.0	2		
PWM LED	✓		
Ethernet	✓		
5V DC Jack	✓		
eSATA II	Depends on MicroSOM model		
MicroUSB for development	×		
Micro SD interface	✓		
RTC with backup battery	×		
Optical SPDIF audio out	✓		
Infra-Red Remote Control Receiver	✓		
Infra-Red Transmit (Remote Control)	×		
Tiny GPIO Button	✓		
Passive Thermal Management	✓		
High Polish Plastic Enclosure	✓		
WiFi and BlueToothAntenna	Depends on MicroSOM model		
Power Management	✓		



Interfaces

Back View





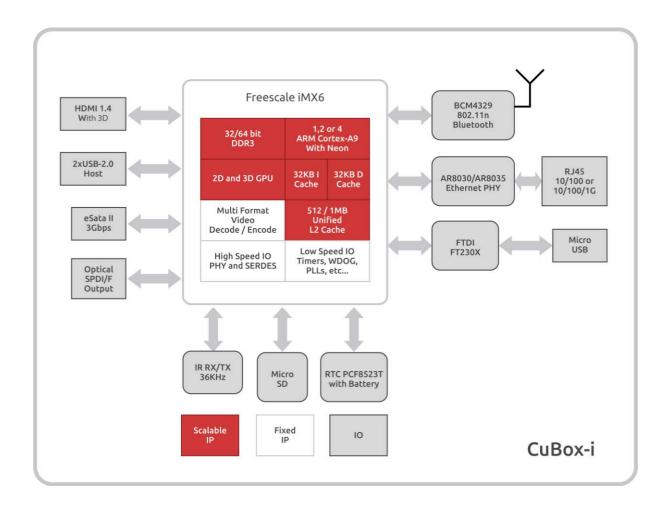
Interfaces

Side View





Block Diagram





Ordering Information

SKU Format

cuxxz-b-yyy-cc

Legend

	Meaning	Options	Description
cu	Product Family	none	Fixed parameter- CuBox Family
xx Micro	MicroSoM Type	01	CuBox i1
		02	CuBox i2
		03	CuBox i2eX
		04	CuBox i4P Base
		05	CuBox i4x4 Base
Z	WiFi	none	No WiFi/BT
		W	Include WiFi/BT
b	Carrier Type	b	CuBox Carrier Base
ууу	Power Adapter	000	No power adapter
		110	US/Japan power adapter
		220	EU power adapter
сс	SD Card	00	No 8GB SD Card
		08	Include 8GB SD Card

Example #1: cu02w-b-220-08

Description: CuBox i2 (CuBox Carrier Base + MicroSoM i2) + 220V power adapter + 8GB SD Card + WiFi/BT.

Example #2: cu01-b-110-00

Description: CuBox i1 (CuBox Carrier Base + MicroSoM i1) + 110V power adapter.



Safety notice

- a. This device is to be used with Certified Power adaptor with output rated 5VDC, 3A. 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!

IMPORTANT NOTICE – Please Read Carefully

No warranty of accuracy is given concerning the contents of the information contained in this document. To the extent permitted by law no liability (including liability to any person by reason of negligence) will be accepted by SolidRun ltd. Or its employees for any direct or indirect loss or damage caused by omissions from or inaccuracies in this document.

SolidRun ltd. Reserves the right to change details in this publication without notice

Product and company names herein may be the trademarks of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

Support

For technical support please visit:

Our Wiki – http://wiki.solid-run.com/

Our Forums - http://forum.solid-run.com/

For direct support please contact us at: support@solid-run.com

© 2016 SolidRun – All rights reserved.