

CuBox-M

Up to 4 x Arm Cortex-A53 cores, 1 x Cortex-M7

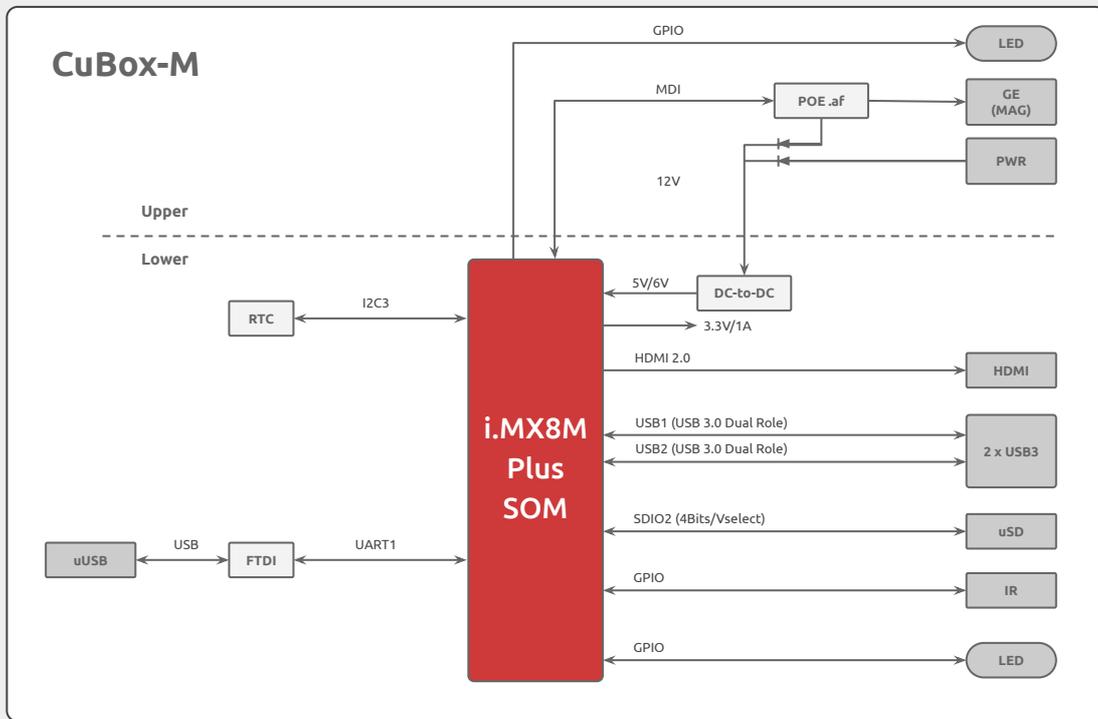
NXP i.MX 8M Plus Processor



- Integrated NPU (2.3 TOPs) for embedded AI/ML applications and edge inferencing
- Quad-core with onboard WiFi/BT, PoE, eMMC, MIPI-CSI, LVDS
- Connect up to 2 MIPI cameras, 4K vision with HDR for detailed image processing



CuBox M	
I/Os	2 x USB 3.0
Networking	1 x Ethernet RJ45 10/100/1000 1 x 802.11 a/b/g/n/ac WiFi and Bluetooth (2.4/5 GHz)
Processor	NXP i.MX 8M Plus Dual / Quad core Arm Cortex A53 up to 1.8GHz (with Arm M7 GPP)
Memory & Storage	up to 8GB LPPDR4 8GB eMMC MicroSD
Display	HDMI
Misc.	GPIO button Indication LEDs RTC IR receiver
Development and Debug interfaces	Micro USB
Power	12V PoE
Expansion card I/Os	None
Temperature	Commercial: 0°C to 40°C
Dimensions	50 x 50 x 50mm
Enclosure	ABS Plastic



Ordering Information

Available on Shop

	Description
Buy Now	SOM i.MX8M Plus Quad CuBox M 1GB RAM 8GB eMMC Com.Temp R00 Inc. Enclosure

- To choose your ideal configuration see our [Product Configurator Tool](#)

Accessories:

SKU	Description
PA00012	12V 1.5A US Power adapter
PA00013	12V 1.5A EU Power adapter

For more information about the CuBox-M Software/Hardware visit our:

[Developer Center](#)