

CuBox-M

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

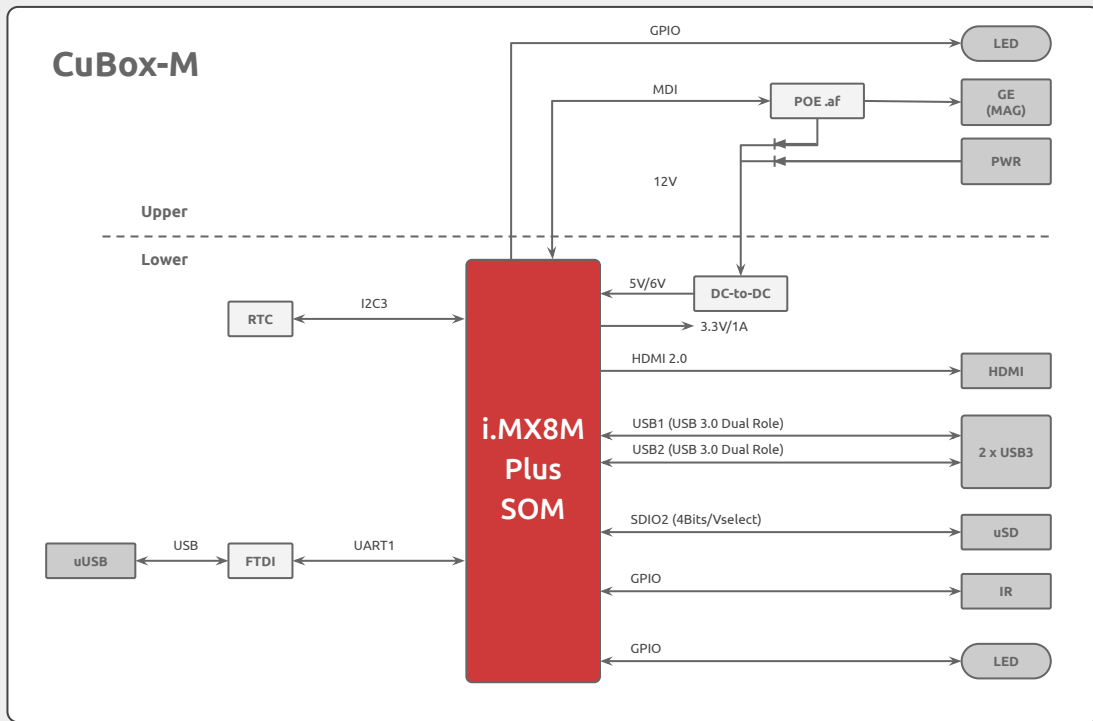
NXP i.MX 8M Plus Processor



- 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



	From \$99	From \$160
I/Os	2 x USB 3.0	2 x USB 3.0
Networking	1 x Ethernet RJ45 10/100/1000	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)	NXP i.MX 8M Plus Dual / Quad core Arm Cortex A53 up to 1.8GHz (with Arm M7 GPP)
Memory & Storage	up to 1GB LPDDR4 8GB eMMC MicroSD	up to 3GB LPDDR4 8GB eMMC MicroSD
Display	HDMI	HDMI
Misc.	GPIO button Indication LEDs RTC IR receiver	GPIO button Indication LEDs RTC IR receiver
Development and Debug interfaces	Micro USB	Micro USB
Power	12V	12V PoE
Expansion card I/Os	None	None
Temperature	Commercial: 0°C to 40°C	Commercial: 0°C to 40°C
Dimensions	50 x 50 x 50mm	50 x 50 x 50mm
Enclosure	ABS Plastic	ABS Plastic



Ordering Information

Available on Shop

SKU	Description
SRMP8QDW00D01GE008X00CE	SOM i.MX8M Plus Quad CuBox M 1GB RAM 8GB eMMC Com.Temp R00 Inc. Enclosure
SRMP8QDW00D04GE008X00CE	SOM i.MX8M Plus Quad CuBox M WiFi/BT 4GB 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](#)