

# CuBox-M

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

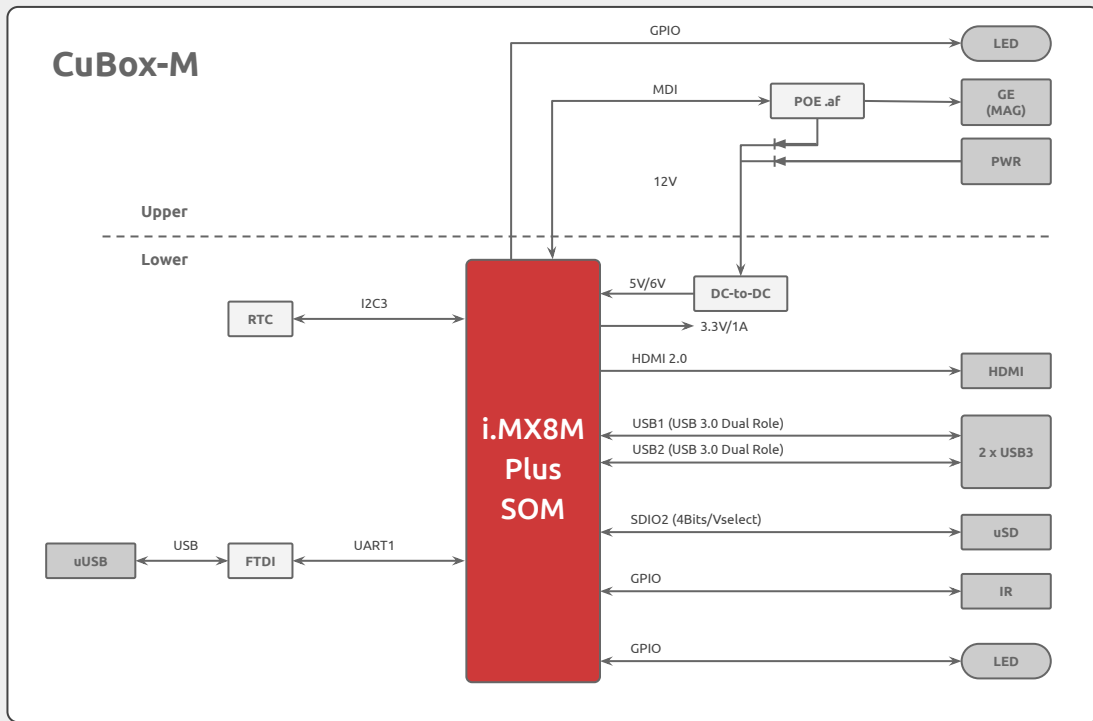
## NXP i.MX 8M Plus Processor



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



## Ordering Information

Available on Shop

	Description
<a href="#">Buy Now</a>	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
<a href="#">PA00012</a>	12V 1.5A US Power adapter
<a href="#">PA00013</a>	12V 1.5A EU Power adapter

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

[Developer Center](#)