

HummingBoard Mate SBC

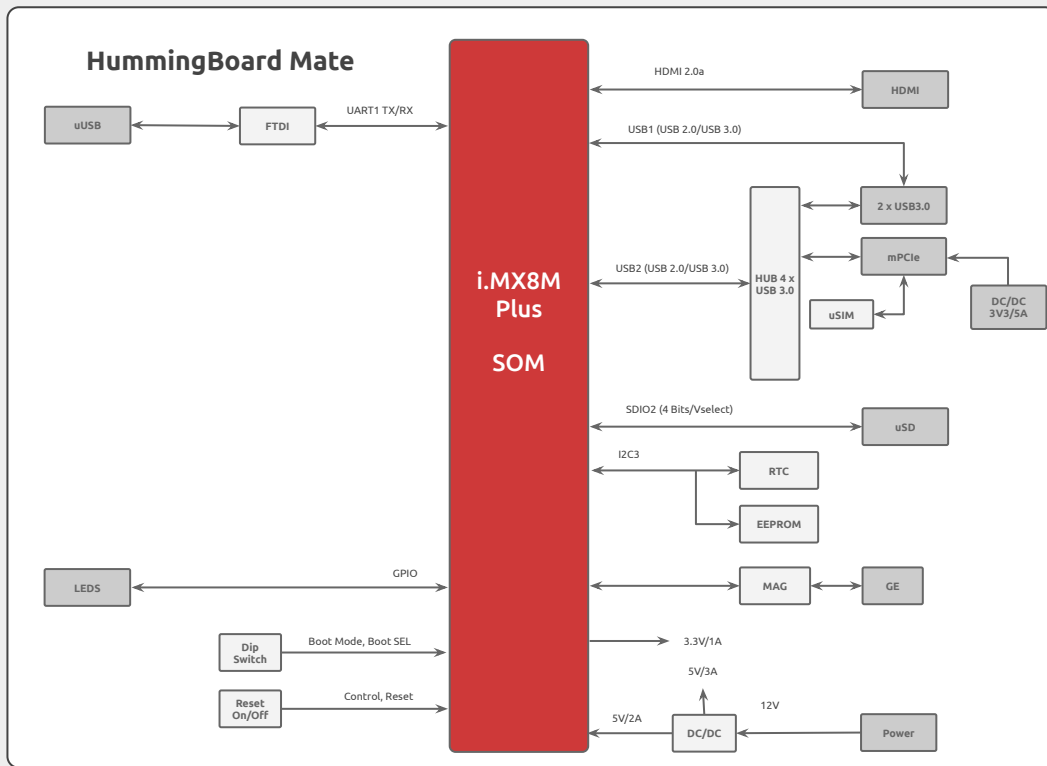
Up to 4 x Arm Cortex-A53 cores



- SoC: NXP i.MX8M Plus based Dual to Quad Core SOM Cortex A53 / NXP i.MX8M Mini based Single to Quad Core SOM Cortex A53
- Storage: 8GB eMMC
- Temperature: Commercial (0C to 70C), Industrial (-40C to 85C)
- OS: Linux



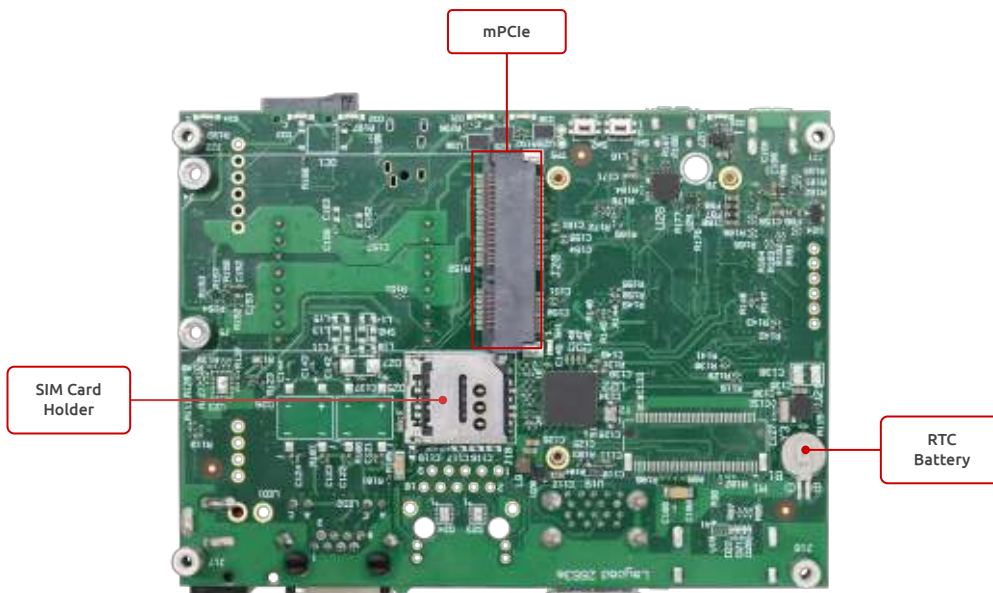
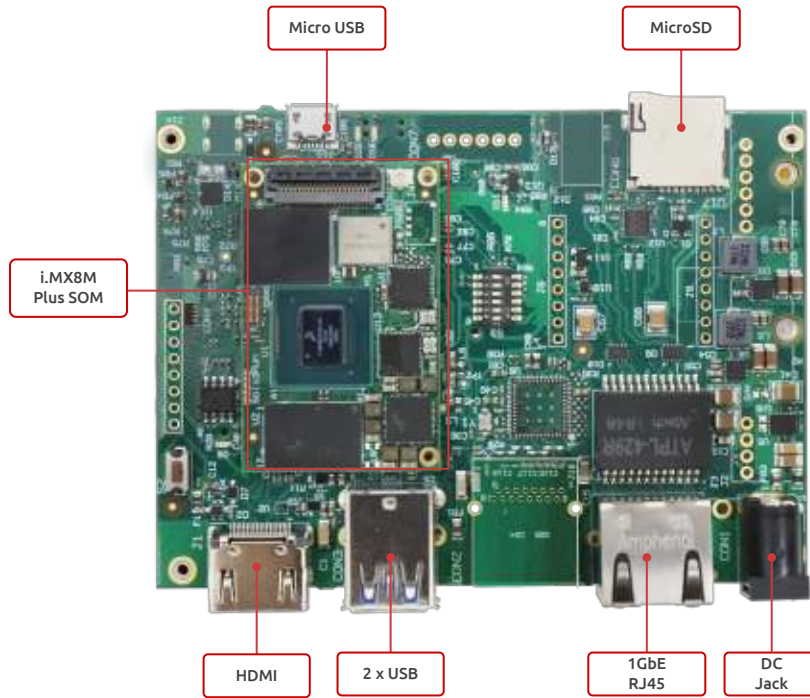
	i.MX8M Mini	i.MX8M Plus
I/O	2 x USB 2.0 1 x MIPI-CSI	2 x USB 3.0 1 x MIPI-CSI
Networking	1 x Ethernet RJ45 10/100/1000 1 x 802.11 a/b/g/n/ac WiFi and Bluetooth (2.4/5 GHz)	1 x Ethernet RJ45 10/100/1000 1 x 802.11 a/b/g/n/ac WiFi and Bluetooth (2.4/5 GHz)
Processor	NXP i.MX 8M Mini Single to Quad core Arm Cortex A53 up to 1.8GHz (with Arm M4 GPP)	NXP i.MX 8M Plus Dual/Quad core Arm Cortex A53 up to 1.8GHz (with Arm M7 GPP)
Memory & Storage	Up to 4GB LPDDR4 8GB eMMC MicroSD	Up to 8GB LPDDR4 8GB eMMC MicroSD
Display	HDMI	HDMI
Misc.	1 x Reset button 1x Configurable push button 3 x LED indicators RTC	1 x Reset button 1x Configurable push button 3 x LED indicators RTC
Development and Debug interfaces	Micro USB	Micro USB
Power	7V - 28V	7V - 28V
Expansion card I/Os	mikroBUS header Mini PCIe with SIM holder	mikroBUS header Mini PCIe with SIM holder
Temperature	Commercial: 0°C to 70°C Industrial: -40°C to 85°C	Commercial: 0°C to 70°C Industrial: -40°C to 85°C
Dimensions	PCBA: 100 x 70mm Enclosure: 142 x 80 x 30mm	PCBA: 100 x 70mm Enclosure: 142 x 80 x 30mm
Enclosure	Extruded aluminum	Extruded aluminum



Ordering Information

Available on Shop	
SKU	Description
SRMP8-EVKHM-R01	SOM i.MX8M Plus Quad HummingBoard Mate WiFi/BT 1GB RAM 8GB eMMC Com.Temp Inc. Heatsink Universal power adapter Micro SD Antenna

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



For more information about the HummingBoard Mate Software/Hardware visit our:

[Developer Center](#)