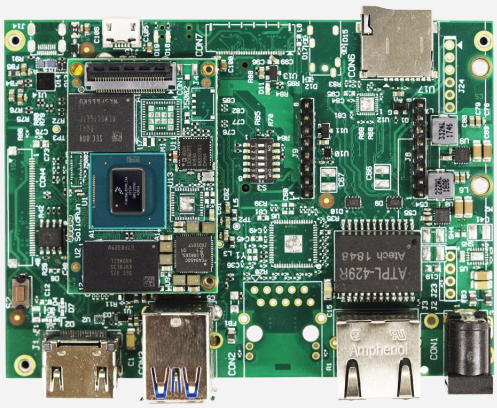
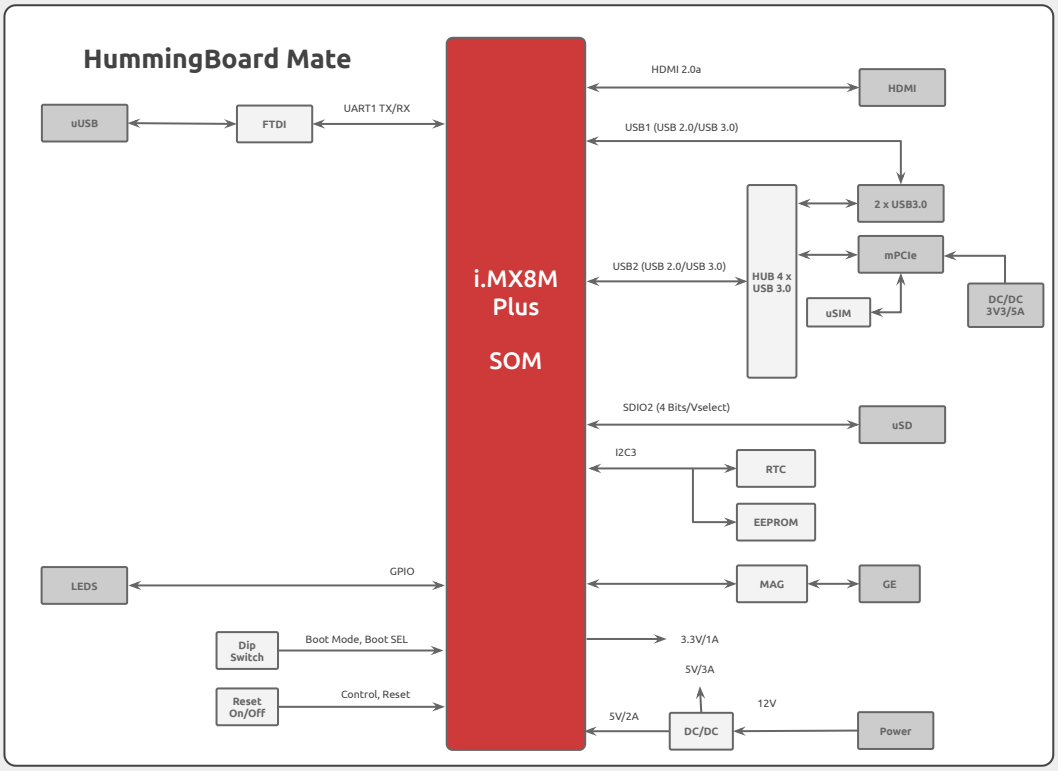
HummingBoard Mate SBC

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 Plus
I/O	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)
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 LPDDR4 8GB eMMC MicroSD
Display	HDMI
Misc.	1 x Reset button 1x Configurable push button 3 x LED indicators RTC
Development and Debug interfaces	Micro USB
Power	7V - 28V
Expansion card I/Os	mikroBUS header Mini PCIe with SIM holder
Temperature	Commercial: 0°C to 70°C Industrial: -40°C to 85°C
Dimensions	PCBA: 100 x 70mm Enclosure: 142 x 80 x 30mm
Enclosure	Extruded aluminum

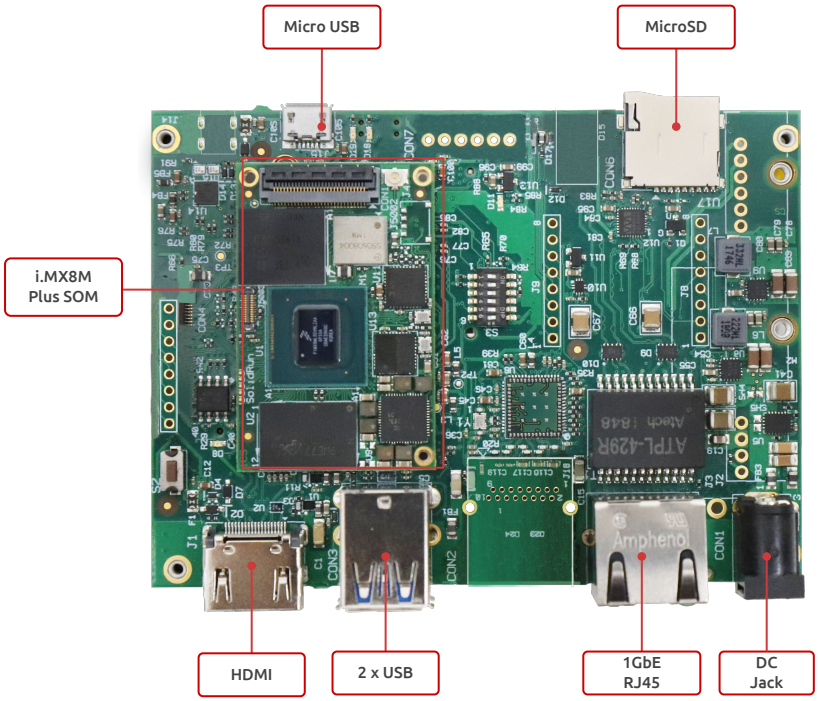


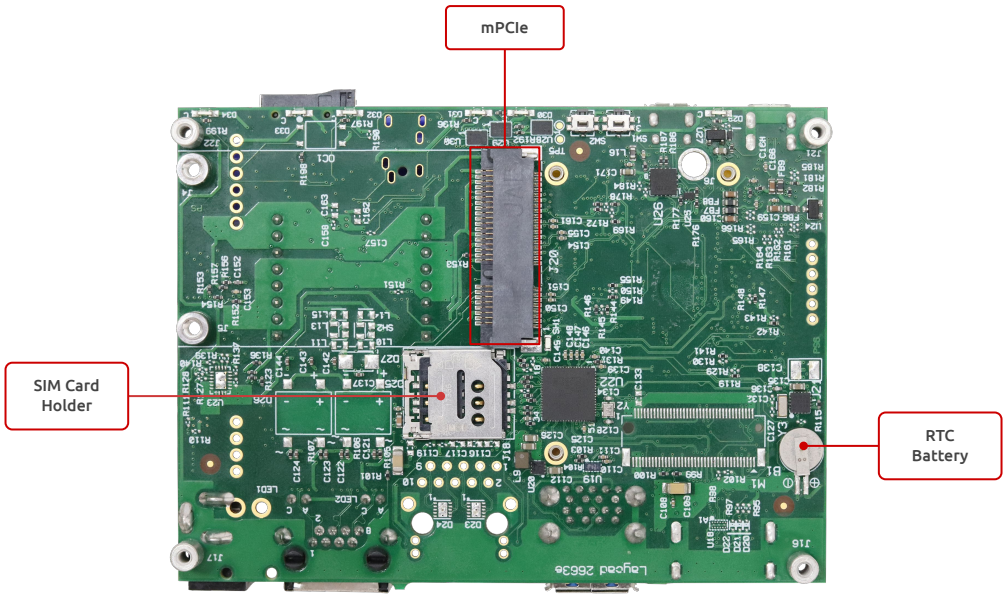
Ordering Information

Available on Shop

SKU	Description
Buy Now	SOM i.MX8M Plus Quad | HummingBoard Mate | WiFi/BT | 3GB 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