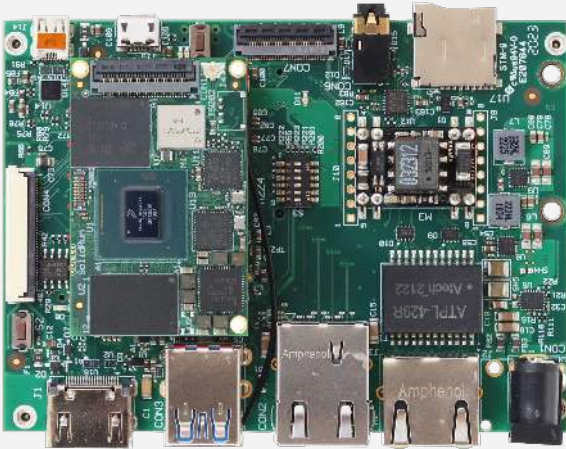


HummingBoard Pro SBC

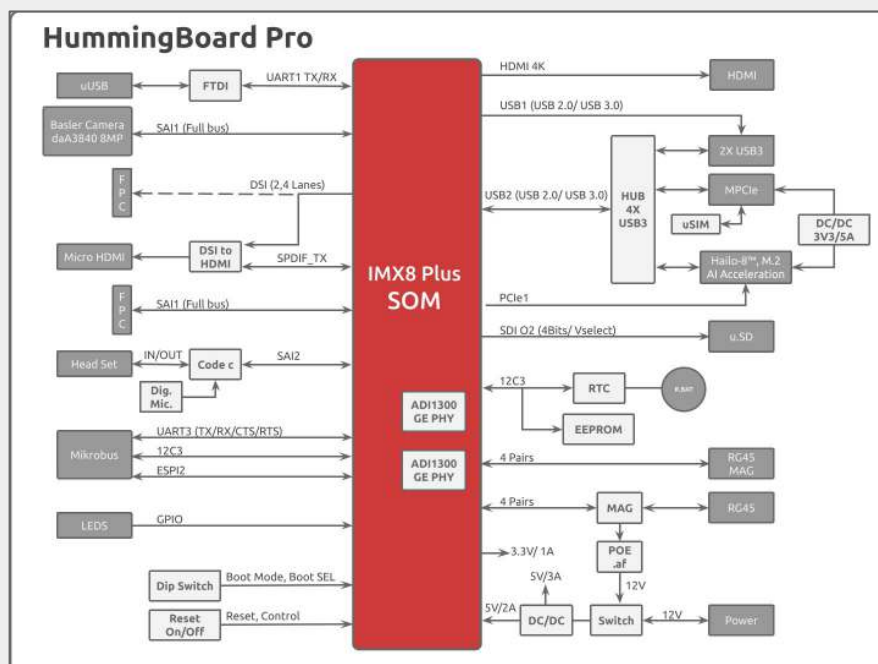
Single/ Quad core Arm Cortex A53, up to 1.8GHz



- SoC: NXP i.MX8M Plus based Single/ Quad core Arm Cortex A53, up to 1.8GHz (with Arm M7 GPP)
- Memory: Up to 8GB LPDDR4
- Storage: 8GB eMMC
- Temperature: Commercial (0C to 70C), Industrial (-40C to 85C)
- OS: Linux



	i.MX8M Plus SOM
Processor	NXP i.MX8M Plus Single/ Quad core Arm Cortex A53 up to 1.8GHz (with Arm M7 GPP)
Memory & Storage	Up to 8GB LPDDR4 8GB eMMC MicroSD
Display	HDMI
I/Os	2 x USB 3.0 1 x MIPI-CSI 1 x Digital audio (Riser interface FPC connector) 1 x Onboard audio codec
Networking	2 x Ethernet RJ45 10/100/1000 1 x 802.11 a/b/g/n/ac WiFi and Bluetooth (2.4/5 GHz)
Misc.	1 x Reset button 1 x Configurable push button 3 x LED indicators RTC
Development and Debug interfaces	Micro USB
Power	7V - 18V PoE sink support 802.3af Class 0
Expansion card I/Os	M.2 mPCIe – optional to connect with Hailo-8 (for i.MX8M Plus)+E5 or nVME via PCIe interface Mini PCIe with SIM holder
Temperature	Commercial: 0°C to 70°C Industrial: -40°C to 85°C
Dimensions	PCBA: 100 x 70mm Enclosure : 120 x 80 x 30mm
Enclosure	Extruded aluminum



Ordering Information

Available on Shop	
	Description
Buy Now	HummingBoard PRO Evaluation Kit - SOM i.MX8M Plus 8GB RAM 32GB eMMC Dual Ethernet Phy WiFi/BLE SD Card Heatsink Power supply

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

[Developer Center](#)