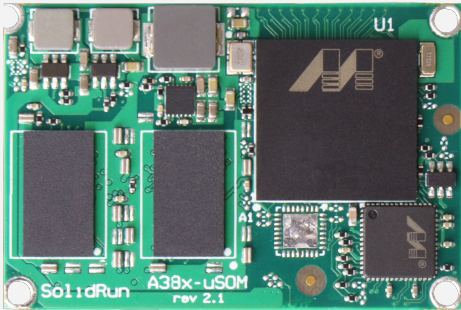


A388 SOM

Dual Core ArmV7, up to 1.6GHz

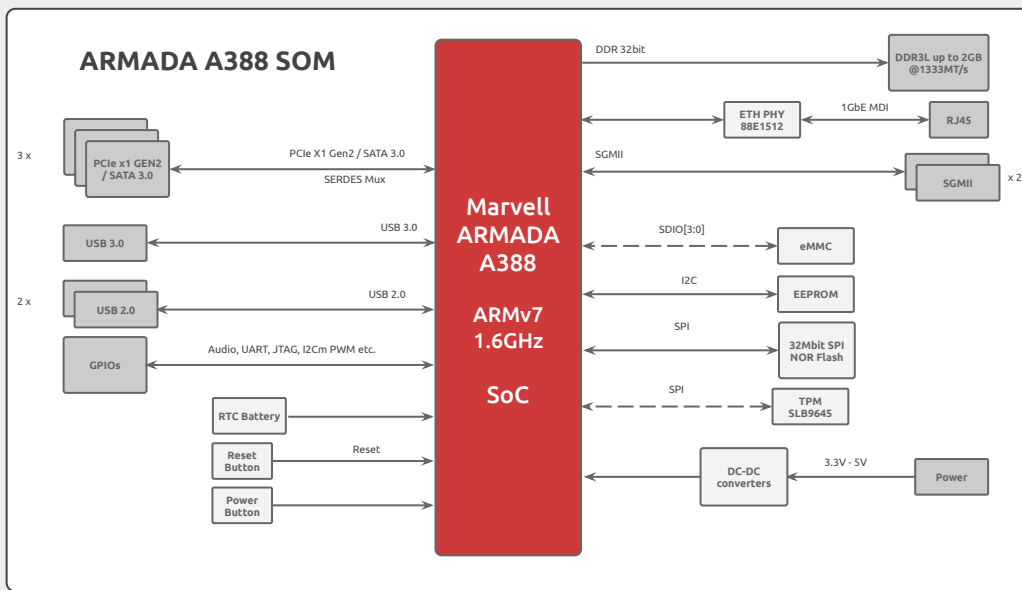
Marvell ARMADA A388 Processor System on Module



- Onboard eMMC and up to 2GB DDR3L
- Advanced networking, storage and communications capabilities
- High-bandwidth, low-latency Coherency Fabric



		ARMADA A388
CPU Details	CPU Name	Marvell ARMADA A388
	CPU Type	2 x Cortex A9
	CPU Speed	1.6GHz Commercial 1.3GHz Industrial
	Floating Point	✓
	SIMD	NEON
RAM	Memory & Storage	Up to 2GB DDR3L
	Internal Storage	8GB eMMC 32Mbit SPI
	External Storage Support	NOR-Flash SD PCIe-SSD
Networking	Ethernet	3 x 10/100/1000 Mbps
Multimedia	S/PDIF Input/Output	1
	Digital Audio Serial Interface	I2S, TDM
Connectivity	USB 2.0	2
	USB 3.0	1
	PCIe	4 (Gen 2.0)
	I2C	1
	SPI	1
	UART	2
	GPIO	✓
	PWM	✓
	SATA	4 (Gen 3.0)
	SD/MMC	1
JTAG	✓	
OS Support	Embedded Linux	Linux OpenWRT LEDE
Physical	Size	50 x 35 mm
	Interface	2 x Hirose DF40 connectors
Power	Main Voltage	3.3V-5V
	I/O Voltage	3.3V/1.8V
Environment	Temperature	Commercial: 0°C to 70°C Industrial: -40°C to 85°C
	Humidity	Humidity (non-condensing): 10% – 90%



Ordering Information

Available on Shop

	Description
<u>Buy Now</u>	SOM A388 Dual No WiFi/BT 1GB RAM No eMMC Com.Temp R2.1 Unfused
	SOM A388 Dual No WiFi/BT 1GB RAM 8GB eMMC Com.Temp R2.1 Unfused

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

Accessories:

SKU	Description
HS00007K	ARMADA Heatsink

kits

SKU	Description
<u>Buy Now</u>	SOM A388 Dual ClearFog Base No WiFi/BT 1GB RAM Com.Temp R03 Inc. Heatsink
	SOM A388 Dual ClearFog Base No WiFi/BT 1GB RAM Com.Temp R03 Inc. Enclosure
	SOM A388 Dual ClearFog Pro No WiFi/BT 1GB RAM Com.Temp R02 Inc. Heatsink
	SOM A388 Dual ClearFog Pro No WiFi/BT 1GB RAM Com.Temp R02 Inc. Enclosure

For more information about the A388 SOM Software/Hardware visit our:

Developer Center