

EMB-7523 Specific Motherboard for Network Security Based on Marvell CN9130 ARM Architecture



Product :

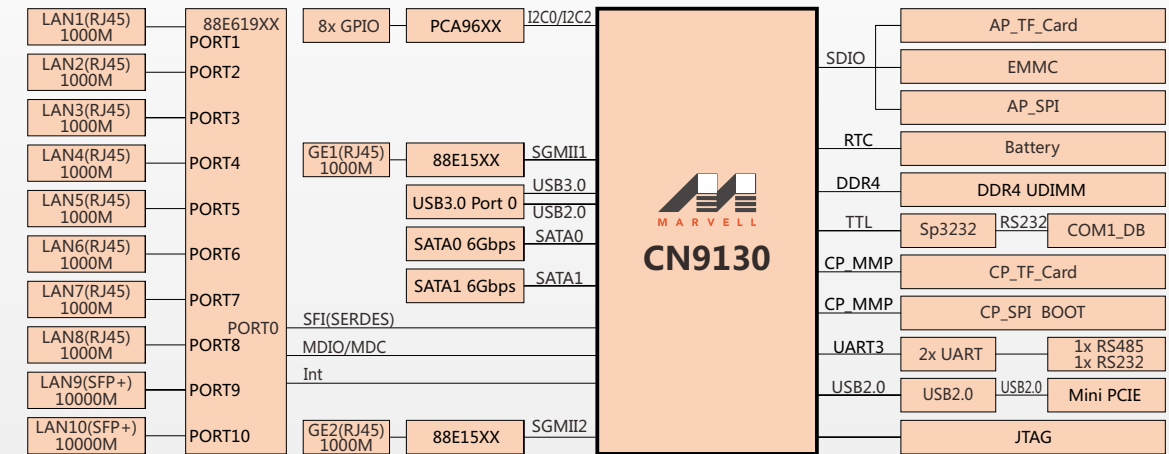
- ◆ Based on MARVELL Cn9130 quad core processor
- ◆ Support DDR4 UDIMM memory slot ; on board 8GB eMMC (standard) , 8/16/32/64/128GB optional
- ◆ Support 10x LAN , 100/1000Mbps , RJ45 plug ; 2x 10G XFI interface
- ◆ Provide 1x USB2.0, 1x USB3.0 , 1x COM debug interface , 1x RS485 , 1x RS232, 8x GPIO , 2x SATA
- ◆ Can expand: 1x MINI PCIe (support 4G) , 1x TF card slot , 1x Micro SIM card slot
- ◆ Size : 210mmx 150mm



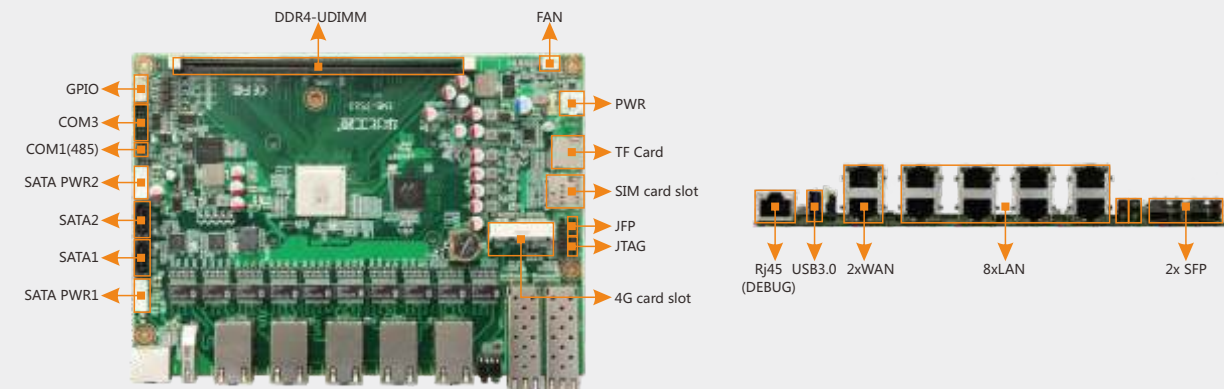
Specification :

Model		EMB-7523
Processor	CPU	Marvell ARM CN9130 4x A72 , 2.2GHz
	Memory	Capacity Technology Flash
Ethernet	LAN	10x LAN , 100/1000Mbps , RJ45 plug ; 2x 10G XFI interface
	Function	USB COM
I/O	GPIO	4x GPI (connector with 5V power output) , 4x GPO , connector with 5V power output
	FAN	1x FAN
Expansion	Mini PCIe	1x MINI PCIe (support 4G)
	SD Socket	1x TF card slot
	SIM Slot	1x Micro SIM card slot
	SATA	2x SATA interface
	WatchDog Timer	WatchDog Timer
Power	Power Supply Voltage	+12V (Support hardware and software switch for system auto boot upon power on)
	Power Type	DC IN
	Power Consumption	20W
Reliability	Operating Temperature	0°C~70°C
	Storage Temperature	-40~85
	Operating Humidity	5%~95% RH, non-condensing
Mechanical	Dimensions (Wx D)	210mmx 150mm
Operation System	Supported OS	Linux

Structured Flowchart :



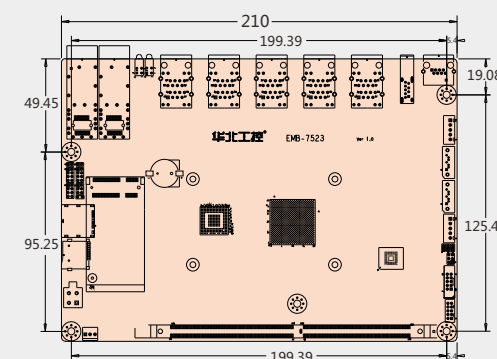
Interfaces :



Ordering Information :

Option	CPU	Flash	LAN	COM	USB2.0	USB3.0	Expansion				P/N
							MINI PCIe	TF card slot	SIM cardslot	SATA	
1	CN91300	8GB	12	2	1	1	√	√	√	√	-----
2	CN91300	16GB	12	2	1	1	√	√	√	√	2.13.0752310009
3	CN91300	32GB	12	2	1	1	√	√	√	√	-----
4	CN91300	64GB	12	2	1	1	√	√	√	√	-----

Dimension :



Optional Accessories :

Optional Accessories	Description	P/N
Serial port B	2x 5P spacing 2.0mm IDC connector to DB9 male serial port cable	6.81.0260290039