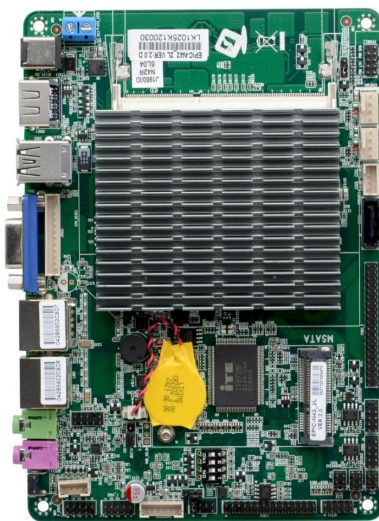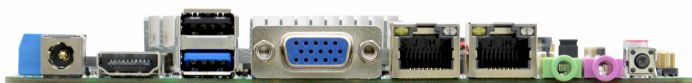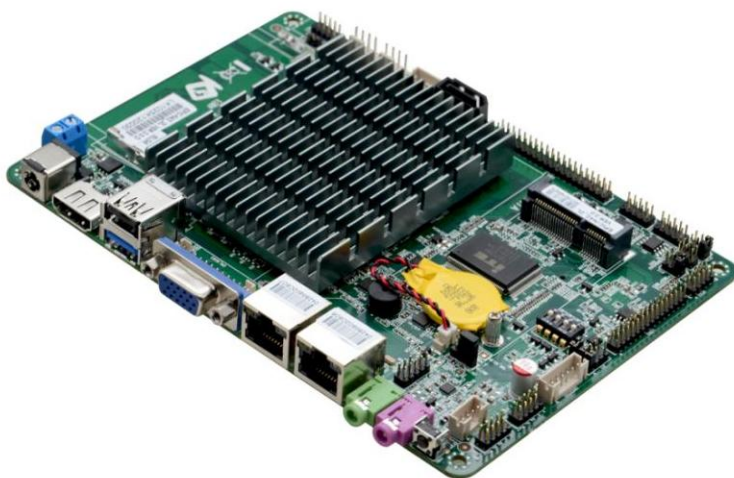# EPIC-N42_2L VER：2.0 规格表

EPIC-N42 VER:2.0 主板正面图

EPIC-N42 VER:2.0 主板 IO 图

EPIC-N42 VER:2.0 主板侧面图

Product model	EPIC-N42_2L VER:2.0
processor	Integrated Intel®J1900/2.00GHz quad-core processor,TDP power consumption of 10W
chipset	Based on Intel® Bay trail SOC platform
Internal memory	1 x DDR3L SODIMM slot for supporting a single channel of 1600 MHZ or 1333 MHZ DDR3L/1.35V memory, and a maximum of 8GB
display	Integrated Intel®HD Graphics core graphics card
	Provide 1*VGA,1*HD OUTPUT,1*LVDS interface (support dual channel 24BIT)
	Support VGA; HD OUTPUT; LVDS Synchronous or asynchronous display
network	2*Realtek RTL8111H Gigabit network adapter, supporting network wake up and PXE functions
Store	1*SATA2.0 hard disk interface, transmission speed up to 3Gbps)
Tone frequency	Onboard ALC892 7.1+2 channel hi-Fi audio controller with MIC/Line-out support. Power amplifier
	The power amplifier is recommended to use a 4Ω3W speaker
expansion	1*Mini-PCIE slot, supporting WIFI and 4G modules
	1*MSATA slot supports WIFI(optional), SSD (default is SSD, support Intel protocol SSD, transmission speed up to 3Gbps)
I/O ports on the backplane	1 x 12V DC power input port
	1* HD OUTPUT display interface
	1 x VGA display port
	2* RJ-45 Gigabit network interface
	1* USB3.0 port
	1* USB 2.0 port
	1* Line out interface (green)
	1* MIC interface (red)
	1* Power switch
Built-in I/O interface	1* DC power connector 1*4pin (12V input/output power connector)
	4* USB 2.0 interface 2*5Pin

	1* JVGA port 1*12Pin, same signal as DB15
	6* RS232 serial port, COM3 supports RS485/RS422 functions.
	1* front audio interface 2*5pin
	1* front amplifier interface 1*4Pin
	1* LVDS interface 2*15pin, support dual channel 24bit(dual 8)
	1* LVDS backlight power supply interface 1*6pin
	1* Front panel switch button and indicator port 2*5Pin
	1* hard drive power port 1*4pin
	1* SIM card seat
Fan interface	Support fan-less heat dissipation, reserved 1*4pin CPU intelligent fan port, 1*4pin system fan port
GPIO	Supports four input/output GPIO
BIOS	64Mb Flash ROM
Guard dog	Support hardware reset function (256 level, 0~255 seconds)
Operating system	Windows 7/Windows 10/Linux
Power supply type	Adopts DC 12V power supply
Operating temperature	-10℃ to 60℃
Storage temperature	-20℃ to 70℃
Working humidity	5%-95% relative humidity, no condensation
dimension	165mm x 115mm

订购信息：

NO.	Model	Processor	Frequency	Memory	VGA	HD OUTPUT	LVDS	LAN	USB	COM	Power
1	EPIC-N42_2L VER:2.0	J1900	2.0G/4C	1*SODDR3L	1	1	2*24BIT	2*8111H	6	6	DC/12V
2	EPIC-N42_1L VER:1.0	J1900	2.0G/4C	1*SODDR3L	1	1	2*24BIT	2*8111H	6	6	DC/12V