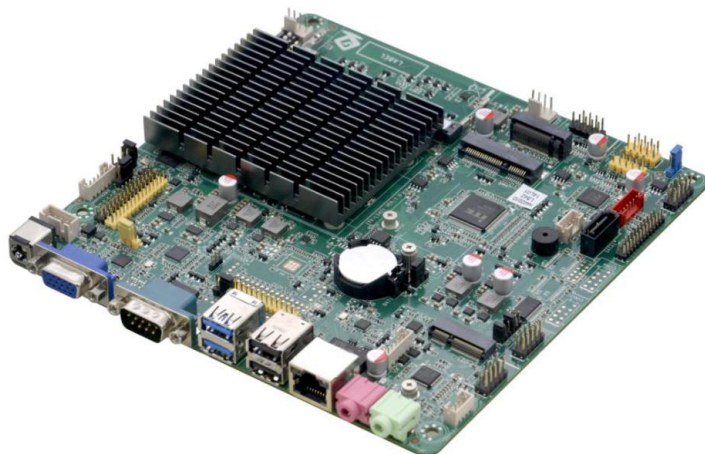
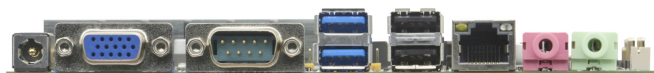


ITX-LS421_J112L VER:1.0



Model No.	ITX-LS421_J112L VER:1.0 (N4020)
Processor	Integrated Intel® Celeron N4020 1.1GHz dual-core dual-thread processor, TDP 6W
	Compatible with the full range of Intel® Gemini Lake cpus, customers can choose flexibly
Chipset	SOC
Memory	1* SODIMM slot, Supports single channel 2400MHz DDR4 memory, up to 8GB
Display	Integrated Intel® UHD Graphics 600 core graphics card
	1* VGA, 1* LVDS interface, support dual channel 24BIT, 2* EDP
	Note: Dual EDP display or dual LVDS display can be supported, LVDS and EDP can choose one of the two by jumping, LVDS2 does not load by default
Ethernet	1* Realtek RTL8111H Gigabit Ethernet, supports Wake on LAN/PXE function
Storage	1* 7pin SATA3.0 hard disk interface, transmission rate up to 6Gbps
	1* MSATA slot, support SSD, SSD transfer speed up to 6Gbps
	1* M.2 slot, Supports the M.2 2280 PCIE X2 signal SSD
Audio	Onboard USB HS-100B audio controller, support MIC, Line_out, power amplifier
	Suggest power amplifier 4Ω3W horn
Expansion Slot	1* M.2 slot, supporting the M.2 Key E WIFI module
Rear I/O interface	1* 12V DC power input port
	1* VGA
	1* DB9 RS232 serial port with 9pin energized
	1* RJ45 Gigabit network interface
	1* Line out interface (green), 1* MIC interface (red)
	2* USB3.0 port, 2* USB2.0 port
Built in I/O interface	1* DC power connector 1* 4pin (12V input/output power connector)
	1* LVDS interface 2* 15pin, support dual channel 24bit
	2* screen backlight power supply interface 1* 6pin
	2* EDP interface, (LVDS1 and J_EDP1 to choose one of the two through the jumper)
	6* USB2.0 interface, 2* 5pin, F USB2 and F USB3 are the outgoing signals of PCIE
	1* Cash box interface 1* 6pin
	1* RS232 serial interface, support 9pin live function
1* LPT parallel interface 2* 13Pin	

	1* PS/2 keyboard and mouse interface 1*6pin
	1* Front panel switch button and indicator port 2*5Pin
	1* hard drive power port 1*4pin
	1* power amplifier interface 1*4pin
Fan Connector	Support fan-less heat dissipation, reserved 1*4pin CPU intelligent fan port, 1*4pin system fan port
GPIO	Support 4-way input output GPIO function
BIOS	64Mb Flash ROM
Watchdog	Support hardware reset function (L256, 0~255 seconds)
Power Type	DC 12V power supply
operating system	Windows 10/Linux
Working temperature	-10℃~60℃
Storage temperature	-20℃~70℃
Working Humidity	5%-95%(relative humidity, non-condensing)
Dimension	170mm x 170mm

Order information:

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485	Power
1	ITX-LS421_J112L VER:1.0(N4020)	N4020	1.1G	1*SODDR4	1	/	1	2	1*8111H	10	2	/	DC12V