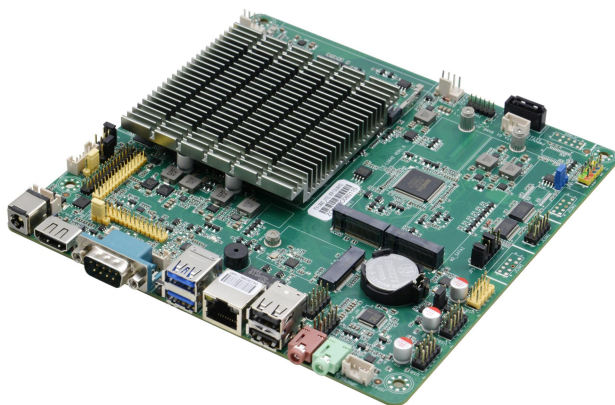


ITX-LS642_J112L VER:1.0



Specification:

Model No.	ITX-LS642_J112L VER:1.0(J6412)
Processor	Integrated Intel®Celeron J6412 2.0GHz quad-core quad-thread processor, TDP 10W Compatible with Intel® Elkhart Lake all series CPU
Chipset	SOC
RAM	1* SODIMM memory slot, support single channel 3200MHz DDR4 memory, up to 16GB
Display	Integrated Intel® UHD Graphics
	1* VGA, 1*HDMI1.4, 1* LVDS (Support dual channels 24BIT), 2* EDP Note: The LVDS and EDP1 interfaces are selected by wire jumper(LVDS default) Supports dual EDP display or LVDS+EDP display
Ethernet	1* RTL8111H Gigabit LAN, support Wake-on-LAN, PXE function
Storage	1* 7pin SATA3.0 hard disk interface, transfer rate up to 6Gbps
	1* M.2 slot, support M.2 Key M 2280 SATA specification SSD
	1* M.2 slot, support M.2 Key M 2280 PCIE X2 specification SSD
Audio	Onboard ALC897 7.1+2 channel Hi-Fi audio controller,support MIC/Line-out.Power amplifier
	It is recommended to use a 4Ω3W speaker for the power amplifier
Expand slot	1* M.2 slot, support M.2 Key E 2230 WIFI&BT module
Backplane I/O Interface	2* USB3.0; 2* USB2.0
	1* HDMI
	1* DB9 RS232 serial port (DB15 VGA is optional)
	1* RJ45 Gigabit network interface
	1* Line-out(green), 1*MICK(red)
	1* DC 12V power supply input interface
Built-in I/O interface	1* JVGA, 1*12pin (same signal as DB15), The JVGA and EDP2 interfaces are selected by jumper
	1* LVDS, 2*15pin, support dual channels 24BIT
	1* Screen backlight power supply interface, 1*6pin
	2* EDP, 2*15pin (The LVDS and EDP1 interfaces are selected by jumper)
	1* RS232 serial port,COM1/2 Support the 9th pin charging function, COM1 and external DB9 are optional

	6* USB2.0, 2*5pin
	1* Front panel audio interface, 2*5pin
	1* Amplifier interface, 1*4pin
	1* Front panel function button and indicator interface, 2*5pin
	1* Hard drive power supply interface, 1*4pin
	1* DC power supply interface, 1*4pin support 12V power input output
	1* TPM, 2*6pin
Fan interface	Reserved 1*4pin CPU smart fan interface, 1*4pin system fan interface
GPIO	Support 4 input and output GPIO
BIOS	128Mb Flash ROM
Watchdog	Support hardware reset function(256 levels, 0~255 seconds)
Operating system	Windows 10/Windows 11/Linux
Power Type	Powered by DC 12V power supply
Operating temperature	-20℃～60℃
Storage temperature	-20℃～70℃
Working humidity	5%-95% relative humidity, no condensation
Dimension	170mm x 170mm

Order information:

NO.	Model	Processor	Frequency	Memory	VGA	HDMI	LVDS	EDP	LAN	USB	COM	485/422	Power
1	ITX-LS642_J112L VER:1.0(J6412)	J6412	2.0G	1*SODDR4	1	1	2ch*24BIT	2	1*8111H	10	2	/	DC12V