

ITX-B641_J126L VER:1.0

[Celeron J6412]



Specification:

Model No.	ITX-B641_J126L 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 slot, support single channel 2400MHz DDR4 memory, is up to 16GB
Display	Integrated Intel® UHD Graphics
	1* VGA, 1*HDMI, 1* LVDS, 1* EDP Note: LVDS and EDP interfaces are optional
Ethernet	2* RTL8111H Gigabit LAN,support Wake-on-LAN, PXE function.
Storage	1* 7pin SATA3.0 hard disk interface, transfer rate up to 6Gbps
	1* MSATA slot,support SSD,transfer rate up to 6Gbps
	1* M.2 slot, support M.2 Key M 2260/2280 PCIE X2 specification SSD
Audio	Onboard ALC897 7.1+2 channel high-fidelity audio controller, support MIC, Line_out, power amplifier
	Support power amplifier 4Ω3W speaker
Expand slot	1* M.2 slot, support M.2 Key B 2242/2252 5G module
	1* M.2 slot, support M.2 Key E 2230 WIFI module
Backplane I/O Interface	1* DC 12V power supply input interface
	1* VGA
	1* HDMI
	2* USB3.0
	2* RJ45 Gigabit network interface
	1* Line-out (green) , 1*MICK(red)
Built-in I/O interface	1* DC power supply interface, 1*4pin support 12V power supply input output
	1* JVGA,1*12pin(same signal as DB15)
	1* J_HDMI, 2*8pin(same signal as HDMI)
	1* LVDS, 2*15pin, support dual channels 24BIT
	1* EDP, 2*15pin(LVDS and EDP interfaces are optional)
	1* screen backlight power supply interface, 1*6pin

	4* USB2.0, 2*5pin
	6* RS232 serial port, COM1/2 supports the 9th pin live, and COM2/COM3 support RS485/422
	1* HDD power supply interface, 1*4pin
	1* front audio interface, 2*5pin
	1* amplifier interface, 1*4pin
	1* LPT, 2*13pin
	1* SIM card slot
	1* front panel function button and indicator light interface, 2*5pin
Fan interface	Fanless cooling, reserved 1*4pin CPU smart fan interface, 1*4pin system fan interface
GPIO	support 4-way input and output GPIO
BIOS	256Mb 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	-10℃~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-B641_J126L VER:1.0	J6412	2.0G	1*SODDDR4	1	1	2ch*24BIT	1	2*8111H	6	6	COM2/3	DC12V
2	ITX-B641_J112L VER:1.0	J6412	2.0G	1*SODDDR4	1	1	2ch*24BIT	1	1*8111H	8	2	COM2	DC12V
3	ITX-B641_J116L VER:1.0	J6412	2.0G	1*SODDDR4	1	1	2ch*24BIT	1	1*8111H	8	6	COM2/3	DC12V