



Product model	SD890-641_J126L (J6412)
processor	Integrated Intel®Celeron J6412 2.0GHz quad-core quad-thread processor,TDP 10W,Compatible with the full range of Intel® Elkhart Lake cpus, customers can choose flexibly
chipset	SOC
Internal memory	1* SODIMM slot for a single channel of 3200MHz DDR4 memory (up to 16GB)
display	Integrated Intel® UHD Graphics core graphics card, 1* VGA,1*HD OUTPUT,1* LVDS,1* EDP
	Note: LVDS and EDP interfaces can be selected by jumping
network	2* RTL8111H Gigabit NIC, supports network wake up and PXE functions
Store	1* 7pin SATA3.0 hard disk interface, transmission rate up to 6Gbps
	1* MSATA slot, support SSD SSD,SSD transfer speed up to 6Gbps
	1 x M.2 slot, supporting the M.2 Key M 2260/2280 PCIE X2 SSD
Tone frequency	Onboard ALC897 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 slot	1 x M.2 slot, supporting the M.2 Key B 2242/2252 5G module
	1* M.2 slot, supporting the M.2 Key E 2230 WIFI module
I/O ports on the backplane	1* DC 12V power input port
	1 x VGA display port
	1* HD OUTPUT display interface
	2* USB3.0 interface,
	2* RJ45 Gigabit network interface
	1* Line-out (green), 1*MICK(red)
	1* Clear CMOS button
Built-in I/O interface	1* DC power interface, 1*4pin support 12V power input and output
	1* JVGA port 1*12pin, same signal as DB15
	1* J_HD OUTPUT interface, 2*8pin, the same signal as HD OUTPUT
	1* LVDS interface, 2*15pin, support dual channel 24BIT,
	1* EDP interface, 2*15pin, with LVDS for one of two via jump
	1* screen backlight power supply interface 1*6pin
	4* USB2.0 interface, 2*5pin
	6* RS232 serial interface,COM1/2 support 9pin live function,COM2/COM3 support RS485/422 function,
	1* hard drive power port 1*4pin
	1* front audio interface 2*5pin
	1* power amplifier interface 1*4pin
	1* LPT interface 2*13pin
	1* SIM card slot
	1* Front panel function button and indicator port 2*5pin
Fan interface	Fanless heat dissipation, a 1*4pin CPU intelligent fan port and a 1*4pin system fan port are reserved
GPIO	Supports four input/output GPIO
BIOS	256Mb Flash ROM
Guard dog	Support hardware reset function (256 level, 0~255 seconds)
Operating system	Windows 10/Windows 11/Linux

Power supply type	Adopts DC 12V power supply
Operating temperature	-10°C to 60°C
Storage temperature	-20°C to 70°C
Working humidity	5%-95% relative humidity, no condensation
Size	170mm x 170mm

