



Product model	<b>SD890-305_I326L (N305)</b>
Processor	<b>Integrated Intel®Alder Lake-N Core I3-N305 3.8GHz octa-core eight-thread processor, TDP 15W,Compatible with the full range of Intel® Alder Lake-N cpus, customers can flexibly choose</b>
Chipset	<b>SOC</b>
Internal memory	<b>1* SODIMM slot for a single channel of 3200MHz DDR4 memory (up to 16GB)</b>
Display	<b>Integrated Intel® UHD Graphics core graphics card, support DirectX 12.1, OpenGL4.6</b>
	<b>1*VGA,1*HD OUTPUT2.0 interface,1* LVDS interface,1* EDP interface,Note:LVDS and EDP interfaces are adaptive</b>
Network	<b>2* RTL8111H Gigabit NIC, supports network wake up and PXE functions</b>
Store	<b>1* 7pin SATA3.0 hard disk interface, transmission rate up to 6Gbps</b>

	<b>1* MSATA slot, support SSD SSD,SSD transfer speed up to 6Gbps</b>
	<b>1 x M.2 slot, supporting the M.2 Key M 2280 PCIE X1 SSD</b>
Tone frequency	<b>Onboard ALC897 7.1+2 channel hi-fi audio controller with MIC/Line-out support. Power amplifier</b>
	The power amplifier is recommended to use a 4Ω3W speaker
Expansion slot	<b>1 x M.2 slot, supporting the M.2 Key B 2242/2252 5G module</b>
I/O ports on the backplane	<b>1* DC 12V power input port</b>
	1 * VGA display port
	1* HD OUTPUT2.0 display interface
	2* USB3.0 interface,
	2* RJ45 Gigabit network interface
	1* Line-out (green), 1*MICK(red)
Built-in I/O interface	<b>1* DC power interface, 1*4pin support 12V power input and output</b>
	1* JVGA port 1*12pin, same signal as DB15
	1* LVDS interface, 2*15pin, support dual channel 24BIT,
	1* EDP interface (yellow), 2*15pin, and LVDS for adaptive choice
	1* screen backlight power supply interface 1*6pin
	6* 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
GPIO	<b>Supports four input/output GPIO</b>
BIOS	<b>256Mb Flash ROM</b>
Guard dog	<b>Support hardware reset function (256 level, 0~255 seconds)</b>

Operating system	<b>Windows 10/Windows 11/Linux</b>
Power supply type	<b>Adopts DC 12V power supply</b>
Operating temperature	<b>-10°C to 60°C</b>
Storage temperature	<b>5%-95% relative humidity, no condensation</b>
Working humidity	<b>170mm * 170mm</b>

