



Product model	SD890-E42_J122L
Processor	Integrated Intel®Celeron J4125 2.0GHz quad-core quad-thread processor,TDP 10W, Compatible with the full range of Intel® Gemini Lake cpus, customers can choose flexibly
Chipset	SOC
Internal memory	1* SODIMM slot for a single channel of 2400MHz DDR4 memory (up to 8GB)
Display	Integrated Intel® UHD Graphics 600 core graphics card
	1* VGA,1*HDMI,1* LVDS,1* EDP
	Note: Choose one of the hops for the EDP interface and the LVDS interface
Network	2* RTL8111H Gigabit NIC, supports network wake up and PXE functions
Storage	1* 7pin SATA3.0 hard disk interface, transmission rate up to 3Gbps

	1* MSATA slot, support Intel protocol SSD, transfer rate up to 6Gbps
Tone frequency	Integrated ALC897 7.1+2 channel high fidelity audio controller, support MIC, Line_out, power amplifier
	The power amplifier is recommended to use a 2Ω3W speaker
Expansion slot	1* Mini-PCIE slot, supporting the WIF/4G module
I/O ports on the backplane	1* DC 12V power input port
	1 x VGA display port
	1* HDMI display interface
	2* USB3.0 ports, 1* USB2.0 ports
	2* RJ45 Gigabit network interface
	1* Line-out (green)
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* LVDS interface, 2*15pin, support dual channel 24BIT
	1* EDP interface, with LVDS by jumping one of two
	1* screen backlight power supply interface 1*6pin
	4* USB2.0 interface, 2*5pin
	2* RS232 serial interface, where COM1 supports 9pin live, COM2 supports RS485/422 function
	1* hard drive power port 1*4pin
	1 Front audio interface 2*5pin
	1* power amplifier interface 1*4pin
	1* SIM card slot
	1* Front panel function button and indicator port 2*5pin
Fan interface	Without fan heat dissipation, a 1*4pin CPU intelligent fan port and a 1*4pin system fan port are reserved

	Note: can support with fan radiator, please customers according to their own structural design to decide passive heat dissipation or active heat dissipation, there is a need to have a fan radiator, please contact the salesman
GPIO	Supports four input/output GPIO
BIOS	64Mb Flash ROM
Guard dog	Support hardware reset function (256 level, 0~255 seconds)
Operating system	Windows 10/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	148mm * 102mm

