



Product model	<b>SD890-410</b>
processor	<b>Supports the LGA1200 10th Intel® Celeron/Pentium/Core™ i3/i5/i7/i9 processor</b> <b>Note: Only 10gen cpus with 6 cores of 65W and below are supported</b>
chipset	<b>Using Intel® H410 high-speed chipset</b>
Internal memory	<b>2* DDR4 SODIMM slots, supporting up to 2933 MHZ memory and up to 128GB memory</b>
display	<b>Integrated Intel® HD Graphics core graphics card, support DirectX12,OpenGL4.5, support 4K/60Hz display</b> <b>1 x VGA port, the maximum resolution is 1920X1200@60Hz</b> <b>2* HD OUTPUT port, the maximum resolution is 4096 x 2160@30Hz</b> <b>1* Supports dual-channel 24bit LVDS interface</b> <b>Note: EDP interface can be supported, and the pin is shared with LVDS</b>

network	<b>1* RTL8111H Gigabit NIC chip, supports network wake up /PXE function</b>
deposit	<b>2* SATA3.0 hard disk interface, transmission speed up to 6Gbps</b>
	1* M.2 slot, supporting M.2 2260/2280 SATA SSDS
Tone frequency	<b>Onboard ALC892 7.1+2 channel high fidelity audio controller, support MIC/Line-out, power amplifier</b>
Expansion slot	<b>The amplifier supports 4Ω/3W dual channels</b>
I/O ports on the backplane	<b>1* M.2 slot, supporting the M.2 2230 WIFI module</b>
	4* USB3.0 port
	1* HD OUTPUT port
	1 x VGA port
	1* RJ45 Gigabit network port
	1* Line-out(green), 1* MIC(red)
Built-in I/O interface	<b>1* DC12~19V power input interface</b>
	1* JVGA port 1*12pin, same signal as VGA port
	1* LVDS interface or EDP interface 2*15pin, support dual channel 24bit
	1* backlight power supply interface 1*6pin
	1* screen brightness adjustment interface 1*4pin
	1* RS232 serial interface,
	4* USB2.0 interface 2*5pin
	1* front audio interface 2*5pin
	1* power amplifier interface 1*4pin
	2* hard disk power supply voltage port 1*4pin
	1* Front panel function button and indicator port 2*5pin
	1* DC power interface. 1*4pin support DC12~19V power input and output
Fan interface	<b>1*4pin CPU intelligent fan interface; 1*4pin system fan port</b>
GPIO	<b>Supports four input/output GPIO functions</b>
BIOS	<b>128Mb Flash ROM</b>
Support system	<b>Windows 10/Linux</b>
Guard dog	<b>Support hardware reset function (256 level, 0~255 seconds)</b>

Power supply type	<b>Support DC12~19V power supply</b>
Operating temperature	<b>-10°C to 60°C</b>
Storage temperature	<b>-20°C to 70°C</b>
Working humidity	<b>5%-95% relative humidity, no condensation</b>
Size	<b>170mm * 170mm</b>

