



Product model	SD890-319_C2
processor	LGA1151 8th/9th Intel® Celeron/Pentium/Core™ i3/i5/i7 processors supported Note: Support 8/9 generation only support 6 core full series CPU, 8 core only support 35W
chipset	With Intel® Z390 high-speed chipset,
Internal memory	2* DDR4 SODIMM slots, supporting up to 2666 MHZ memory and up to 128GB memory
display	Integrated Intel® HD Graphics core graphics card, support DirectX12,OpenGL4.4, support 4K display 2 x HD OUTPUT1.4 port, the highest resolution is 4096X2304@24Hz 1* Supports dual channel 24bit LVDS interface, and EDP is one of the two via jump

network	1* RTL8111H Gigabit NIC chip, supports network wake up /PXE function
deposit	2* SATA3.0 hard disk interface, transmission speed up to 6Gbps
	1 x M.2 slot, supporting the M.2 Key M 2280 NVME PCIE X4/SATA adaptive standard SSD
Tone frequency	Onboard ALC897 7.1+2 channel high fidelity audio controller, support MIC/Line-out, power amplifier, The amplifier supports 4Ω/3W dual channels
Expansion slot	1* M.2 slot, supporting the M.2 Key E 2230 WIFI module
I/O ports on the backplane	4* USB3.0 port
	1* HD OUTPUT port
	1* DB9 RS232 serial interface (co-listed with DB15 VGA interface, optional VGA interface)
	1* RJ45 Gigabit network port
	1* Line-out(green),1*MIC(red)
	1* DC19V power input interface
Built-in I/O interface	4* USB2.0 interface 2*5pin
	1* HD OUTPUT port (side)
	1* LVDS interface 2*15pin, support dual channel 24bit
	1* backlight power supply interface 1*6pin
	1* EDP interface, 2*15pin, with LVDS by jumping one of two
	1* RS232 serial interface, 2*5pin
	1* PS/2 keyboard and mouse interface 1*6pin
	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*4pin ATX power interface. Support 19V power input and output
Fan interface	1*4pin CPU intelligent fan interface; 1*4pin system fan port
GPIO	Supports four input/output GPIO functions
BIOS	64Mb Flash ROM
Support system	Windows 10/Linux
Guard dog	Support hardware reset function (256 level, 0~255 seconds)
Power supply type	Support DC19V power supply
Operating temperature	-10℃ to 60℃
Storage temperature	-20℃ to 70℃
Working humidity	5%-95% relative humidity, no condensation
Size	170mm * 170mm

