



Product model	SD890-520E
processor	Integrated 10 generation Intel®Celeron 5205U 1.9GHz dual-core dual-thread processor,TDP 15W
	Compatible with Intel® Comet Lake-U Celeron/Pentium/I3/I5/I7 low power processors
chipset	SOC
Internal memory	2 x DDR4 SODIMM slots, supporting 2666 MHZ memory and up to 64GB memory
display	Integrated Intel® UHD Graphics, support DirectX 12 OpenGL 4.5, support 4K
	The maximum resolution supported by the 1 x VGA port is 1920X1200@60Hz
network	6* Intel I210AT Gigabit network adapter, supporting wake up and PXE functions
deposit	1* SATA3.0 hard disk interface, transmission speed up to 6Gbps
	1* MSATA slot, support Intel protocol SSD, transmission speed up to 6Gbps
Tone frequency	N/A

Expansion slot	1* Mini-PCIE slot, support WIFI/TPM-4COM module, WIFI signal and PCIE X4 optional
	1 x M.2 slot, supporting the M.2 Key B 2242/2252 5G module
	1* PCIE X4 slot (using open materials)
	Note: The Wi-Fi in the MINI-PCIE slot is optional from the PCIE X4 slot. By default, the Wi-Fi in the PCIE X4 slot is optional
I/O ports on the backplane	1* RJ45 serial port
	2* USB3.0 port
	6* RJ45 Gigabit network interface
	1* power switch, 1* one button restore
	1* double-layer LED light, (red under green, upper hard disk light, lower power light)
Built-in I/O interface	1 x JVGA1 Interface 1 x 12pin
	1* RS232 serial interface 2*5pin
	1* Single-layer vertical USB2.0 interface
	2* USB2.0 interface 2*5pin,
	1* PS/2 Keyboard and mouse interface (red) 1*6Pin
	1* GPIO pin arrangement (four in four out)
	1* Front panel switch button and indicator port 2*5Pin
	1* hard drive power port 1*4pin
	1* DC12V power interface, support 12V power input (side)
	1* 4pin ATX power interface (12V input power interface)
	1* SIM card seat
Fan interface	1*4pin CPU intelligent fan interface, 1*4pin system fan interface
GPIO	Supports four input/output GPIO functions
BIOS	128Mb Flash ROM
Guard dog	Support hardware reset function (256 level, 0~255 seconds)
Power supply type	Adopts DC 12V power supply
Operating system	Windows 10 ,/Linux
Operating	-10°C to 60°C

temperature	
Storage temperature	-20°C to 70°C
Working humidity	5%-95% relative humidity, no condensation
dimension	200mm * 180mm

