



Product model	<b>SD890-683_I522L (6300U)</b>
processor	<b>Integrated Intel®I5-6300U 2.4GHz dual-core quad-thread processor,TDP 15W</b>
	<b>Compatible with Intel® Skylake-U/Kabylake-U Pentium/Celeron/I3/I5/I7 low power processors</b>
Chipset	<b>SOC</b>
Internal memory	<b>2 * DDR4 SODIMM slots, supporting 2133 MHZ memory and a maximum of 32GB memory</b>
Display	<b>Integrated Intel®HD Graphics S520, support DirectX 12, OpenGL 4.5, support 4K</b>
	The maximum resolution supported by the 1 x VGA port is 1920X1200@60Hz
	1*HD OUTPUT1.4 port, the highest resolution supported is 4096X2304@24Hz
	1* Supports dual-channel 24bit LVDS interface
	<b>1*EDP interface, and LVDS interface to choose one of the two through the jump</b>
Network	<b>2* Intel WGI210AT Gigabit network adapter, supporting network wake up and PXE functions</b>
Deposit	<b>1* SATA3.0 hard disk interface, transmission speed up to 6Gbps</b>

	1* MSATA slot, support Intel protocol SSD, transmission speed up to 6Gbps
	1* M.2 slot, supporting M.22280 NVMEPCIE X4 or SATA SSDS
	Note:MSATA and TPM-4COM are optional. Four serial ports can be extended by TPM-4COM. The default port is MSATA
Tone frequency	<b>Integrated ALC888S 7.1+2 channel high fidelity audio controller, support MIC, Line_out, power amplifier</b>
	<b>Support power amplifier 2Ω5W speaker</b>
Expansion Slot	<b>1* Mini-PCIE slot, supporting WIFI/4G module</b>
I/O ports on the backplane	<b>2* USB3.0 port</b>
	1* HD OUTPUT port
	1 x DB15 VGA port
	2* RJ45 Gigabit network interface
	1*Line-out(green), 1*MIC(red)
	1*DC12V power supply Supports 12V power input and output
Built-in I/O interface	<b>1* JVGA1 Interface 1*12pin(same signal as DB15)</b>
	1* JHD OUTPUT interface 2*8pin(same signal as HD OUTPUT interface)
	1* LVDS interface 2*15pin, support dual channel 24bit
	1* EDP interface (yellow) 2*15pin, with LVDS for one of two via jump
	1* LVDS backlight power supply interface 1*6pin
	2* RS232 serial interface, where COM1 supports 9pin live, COM2 supports RS485/422 function
	6* USB2.0 interface 2*5pin
	1* front audio interface 2*5pin
	1* Front panel switch button and indicator port 2*5Pin
	1* hard drive power port 1*4pin
	1* power amplifier interface 1*4pin
	1* LPT print interface 2*13pin
	1* PS/2 keyboard and mouse interface
	1* 4pin DC power interface (12V input/output power interface)
	1* SIM card slot
Fan interface	<b>1*4pin CPU intelligent fan interface, 1*4pin system fan interface</b>

GPIO	<b>Supports four input/output GPIO</b>
BIOS	<b>64Mb Flash ROM</b>
Guard dog	<b>Support hardware reset function (256 level, 0~255 seconds)</b>
Power supply type	<b>Adopts DC 12V power supply</b>
Operating system	<b>Windows 7 , Windows 10 , Linux</b>
Operating temperature	<b>-10℃ to 60℃</b>
Storage temperature	<b>-20℃ to 70℃</b>
Working humidity	<b>5%-95% relative humidity, no condensation</b>
Dimension	<b>170mm x 170mm</b>

