Product model	SD890-20M1
processor	**Integrated Feiteng FT-2000/4 2.2GHz quad-core processor, TDP 30W**
chipset	**SOC**
Internal memory	**2* SODIMM slots for dual-channel DDR4 memory of 2666 MHZ and up to 32GB**
display	**1* SM768 256M GPU** **1* VGA,1* HDMI,1* LVDS, support dual-channel 24BIT**
network	**2* RTL8211F Gigabit NIC chip, supports network wake up /PXE function**
deposit	**3* SATA3.0 hard disk interface, transmission speed up to 6Gbps**
	1* MSATA slot, support SSD, transfer rate up to 6Gbps
Tone frequency	**Integrated ALC897 7.1+2 channel high fidelity audio controller, support MIC, Line_out, power amplifie, The amplifier supports 4Ω/3W dual channels**

Expansion slot	**1* M.2 slot, supporting the M.2 2230 WIFI module** **1* PCIE X16 slot (actual X8 signal)**
	4* USB3.0 ports,2* USB2.0 ports
I/O ports on the backplane	**1* PS/2 keyboard and mouse interface**
	1* HDMI port
	1 x VGA port
	2 x DB9 serial port, supporting RS485/422 function
	2* RJ45 Gigabit network interface
	1* Line-out(green),1*MIC(red)
	1* DC12V power input port
	1* LVDS interface, 2*15pin, support dual channel 24BIT
Built-in I/O interface	**1* screen backlight power supply interface 1*6pin**
	4* RS232 serial port
	2* CAN interface 1*2pin
	4* USB2.0 interface 2*5pin
	1* front audio interface 2*5pin
	1* power amplifier interface 1*4pin
	1* Front panel function button and indicator port 2*5 pin
	1* CPLD burning interface 2*5pin
	1* Line-out(green),1*MIC(red)
	1* 2*2pin ATX power interface
	1* 24pin ATX power interface
Fan interface	**1*4pin CPU intelligent fan interface; 1*4pin system intelligent fan interface**
BIOS	**128Mb Flash ROM**
GPIO	**Supports four input/output GPIO functions**
Support system	**UOS, Galactic Unicorn**
Guard dog	**The FT-2000/4 integrates two WDTS**
Power supply type	**Supports ATX power supply**

Operating temperature	-10℃ to 60℃
Storage temperature	-20℃ to 70℃
Working humidity	5%-95% relative humidity, no condensation
Size	170mm * 170mm