| Product model | **SD890-B75DM** |
|---|---|
| processor | **Supports LGA1155 architecture 2th/3th Intel® Celeron/Pentium/Core™ i3/i5/i7 processors** |
| chipset | **Intel B75 high-speed chipset** |
| memory | **2 * DDR3 DIMM slots for dual-channel 1066mhz memory, 1333mhz memory, and 1600MHz memory, up to 16GB** |
| display | **Integrated Intel® HD Graphics controller with 1*VGA port and 1*HD OUTPUT1.4 port** |
| | Supports single display mode, dual display mode, and extended mode |
| network | **1* Intel I211AT Gigabit network adapter, supporting network wake up and PXE functions** |
| | **1* Intel I219V Gigabit network adapter, supporting network wake up and PXE functions** |
| store | **5* SATA 2.0 hard disk interface,SATA interface transmission speed up to 3Gbps** |
| | 1* MSATA SSD interface, transmission speed up to 6Gbps |
| Audio | **Integrated ALC892 high fidelity audio controller, support Mic, Line out** |

| frequency | |
|---|---|
| Expansion slot | **1* PCIE x16** |
| | 1* PCIE x4 |
| | 1* PCIE x1 |
| | 4* PCI |
| | 1* Mini-PCIE, WiFi support (optional TPM-4COM board, can expand 4 serial ports) |
| I /O ports on the backplane | **1* PS/2 keyboard and mouse interface** |
| | 1 x VGA display port |
| | 1* HD OUTPUT display interface |
| | 2* RS232 serial port,COM1/2 supports 5V/12V power function,COM1/2 supports RS485/422 function |
| | 2* USB 2.0 port |
| | 4* USB 3.0 interface |
| | 2* RJ-45 Gigabit network interface |
| | 1* Line out interface (green), 1* MIC interface (red) |
| Built-in I/O interface | **4*RS232 serial port** |
| | 1*JVGA1 interface, 1*12pin row pin, same signal as external VGA |
| | 1* PS/2 keyboard and mouse interface 1*6pin row pins |
| | 1*LPT print port 2*13pin row pin 2.54mm |
| | 1* front audio interface 2*5pin row pins |
| | 4* USB 2.0 port 2*5Pin row pins |
| | 1*USB2.0 port USB-TYPE A |
| | 1* Front panel function buttons and indicator ports 2*5pin row pins |
| | 1*24pin ATX power input interface |
| | 2*4pin ATX power input interface |
| | 1*AC Power-on automatic power-on function 1*3pin row |
| Fan interface | **2*4pin CPU intelligent fan interface, 2*4pin system intelligent fan interface** |
| GPIO | **Supports four input/output GPIO functions** |
| BIOS | **64Mb Flash ROM** |
| Guard dog | **Support hardware reset function (256 level, 0~255 seconds)** |

| Operating system | Windows 7/Linux |
|---|---|
| Power supply type | 24Pin ATX power supply |
| Operating temperature | -10℃ to 60℃ |
| Storage temperature | -20℃ to 70℃ |
| Working humidity | 5 ~ 90% relative humidity, no condensation |
| dimension | 305mm * 220mm（ATX） |