| Model number | SD870-3750F-C6 (G250) | |
|---|---|---|
| chassis | **Material/Structure** | Aluminum alloy + sheet metal fan heat dissipation |
| | colour | **Iron gray + sand gray** |
| | Dimensions (length, width and height) | **229 * 208 * 67.7 MM** |
| | Weight (bare weight) | **3.4 KG** |
| | Install | **Desktop/embedded /DIN rail** |
| Main board | **CPU** | Intel® LGA1151/6-9 series processors |
| | Internal memory | **2*SODIMM DDR4 memory, supports a maximum of 64GB** |
| Front panel interface | **Switch** | 1* Power key with indicator light, 1* one key restore (and reset key to choose one), 1*ACLOSS (power on DIP switch) |
| | LED | **1* hard disk indicator** |
| | USB | **2*USB3.0, 2*USB2.0, 1*USB2.0 built-in** |
| | Phoenix terminal | **1*4pin Phoenix terminal (1* power indicator signal, 1* power switch signal)** |
| | SIM | **1*SIM standard card slot (Signal default M.2 5G)** |
| Rear panel interface | **Display interface** | 1*VGA(1920 x 1200@60Hz), 1 * HD OUTPUT1.4, dual display supported |
| | USB | **8*USB3.0, 2*USB2.0, 1*USB2.0 built-in** |
| | COM | **6*RS232 DB9 serial ports, of which 4 support** |

| | | |
|---|---|---|
| | | RS485, 3 support RS422, COM3~4 support CAN function (need to load CAN module) |
| | LAN | **2\*Intel I210AT Gigabit electrical port** |
| | Phoenix terminal | **2\*8pin(7 in 7 out GPIO tape isolation)** |
| | Audio frequency | **1\*Audio, Line out and MIC in one** |
| | Dip switch | **Two sets of 6-bit dip switches: the COM3 RS232/485 switch is implemented by the COM3 DIP switch, the COM4 RS232/485/422 switch is implemented by the COM-SW1 switch +COM4 DIP switch, and the COM5 to 6 RS232/485 switch is implemented by the in-board hop cap** |
| | Power interface | **1 \* 4P P=5.08mm Phoenix terminal, support 9 to 36V wide voltage input** |
| store | **SATA** | 1 \* 2.5-inch hard disk |
| | MSATA | **1\*MSATA** |
| | M.2 | **1\*M.2/SSD: Key-M, 2280, NVME PCIEx4 SSD** |
| extend | **MINIPCIE** | 1\*MINIPCIE, support WiFi/4G module (4G and built-in USB2.0 same signal, default built-in USB2.0) |
| | M.2 | **1\*M.2/WiFi, supports Key-E, 2230, WiFi module** |
| | | 1\*M.2/5G, supports Key-B, 2242/52, 5G modules |
| System support | **Microsoft** | Windows 10 |
| | Linux | **Linux** |
| Power supply type input | **Power supply type** | External power adapter |
| | Voltage input | **DC 9-36V wide voltage** |
| | Power output | **AC TO DC more than 90W** |
| environment | **Operating temperature** | -10℃ to 50℃ |
| | Storage temperature | **-20℃ to 70℃** |
| | Relative humidity | **5%-95% relative humidity, no condensation** |
| | Working vibration | **0.5g rms/5-500HZ/random/operating** |