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| Model number | SD870-3280F-C6E2 (GL320) | |
| chassis | Material/Structure | Aluminum alloy + sheet metal fan heat dissipation |
| | colour | Iron gray + sand gray |
| | Dimensions (length, width and height) | 209 * 192 * 61.2 MM |
| | Weight (bare weight) | KG |
| | Install | Desktop/embedded /DIN rail |
| Mainboard | CPU | Integrated Intel®i5-3210M/2.50GHz, dual-core quad-thread processor, TDP 35W |
| | Internal memory | 2*SODIMM DDR3 1600MHz, supports a maximum of 32GB |
| 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 |

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| | 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 to M.2/5G) |
| Rear panel interface | Display interface | 1*VGA(1920 x 1200@60Hz), 1 * HDMI1.4, dual display supported |
| | USB | 4*USB3.0 |
| | COM | 6*RS232 DB9 serial port, COM3 supports RS485, COM4 to 6 supports RS485/422, COM3 to 4 supports CAN function (CAN module is required) |
| | LAN | 2*Intel I210AT Gigabit electrical port |
| | 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, and the COM4 RS232/485/422 switch is implemented by the COM4-SW1 hop cap and COM4 DIP switch combination |
| | 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 PCIe x4 SSD |
| extend | PCIE | 1*PCIE3.0 x16 slot, 1*PCIE3.0 x8 slot |
| | 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 7 |
| | Linux | Linux |
| Power supply type | Power supply type | External power adapter |
| | Voltage input | DC 9-36V wide voltage |
| | Power output | AC TO DC more than 60W |
| environment | Operating temperature | -10℃ ~ 50℃ |
| | Storage temperature | -20℃ ~ 70℃ |
| | Relative humidity | 5%-95% relative humidity, no condensation |
| | Working vibration | 0.5g rms/5-500HZ/random/operating |

