



Model number	<b>SD870-3780F-P4E2 (Z370)</b>	
chassis	<b>Material/Structure</b>	Aluminum alloy + sheet metal fan heat dissipation
	colour	<b>Iron gray + sand gray</b>
	Dimensions	<b>229*208*125MM</b>
	Weight (bare weight)	<b>4.47 KG</b>
	Install	<b>Desktop/embedded /DIN rail</b>
Main board	<b>CPU</b>	Intel LGA1151/8-9 series processors
	System chip	<b>Intel Z370</b>
	Internal memory	<b>2*SODIMM DDR4 memory slots, supporting a maximum of 64GB</b>
Front panel interface	<b>Switch</b>	1*Power key with indicator light, 1* one key restore (and reset key to choose one), 1*ACLOSS (power on DIP switch)
	<b>LED</b>	<b>1*hard disk indicator</b>

	USB	2*USB3.0, 2 x USB2.0
	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	Switch	1*Power button with indicator light, 1* one-key restore (choose one of the two reset keys)
	LED	1*hard disk indicator
	Display interface	1*VGA(1920*1200@60Hz), 1*HD OUTPUT1.4
	COM	4*RS232 DB9 serial ports, of which 2 support RS485, 1 support RS422, COM3~4 support CAN function (need to load CAN module)
	LAN	5*Intel I210AT Gigabit ports, four of which support POE
	USB	6*USB3.0
	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, and the COM4 RS232/485/422 switch is implemented by the COM-SW1 hop cap and COM4 DIP switch combination
	Power interface	1*4P P=5.08mm Phoenix terminal, support DC 9~36V 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	PCIE	1*PCIE3.0 x16 slot 1*PCIE3.0 x8 slot See note 3
	MINIPCIE	1*MINIPCIE, support WiFi/4G(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°C ~ 50°C
	Storage temperature	-20°C ~ 70°C
	Relative humidity	5%-95%relative humidity, no condensation
	Working vibration	0.5g rms/5-500HZ/random/operating

