

G3780F-C6E2



Product characteristics

Intel LGA1151/8-9 series processors
 2 x SODIMM DDR4 memory, supporting a maximum of 64GB
 2 x Intel I210AT
 6*RS232 DB9 serial ports, 4 of which support 485, 3 of which support 422, COM3 to 4 support CAN(CAN module is required)
 8*USB3.0, 2*USB2.0, 1*USB2.0 built-in
 Supports DIO 7 in and 7 out tape isolation
 Supports two standard PCIE extensions
 DC 9~36V wide voltage (1 x 4P Phoenix terminal)
 The fan dissipates heat and copper pipes conduct heat

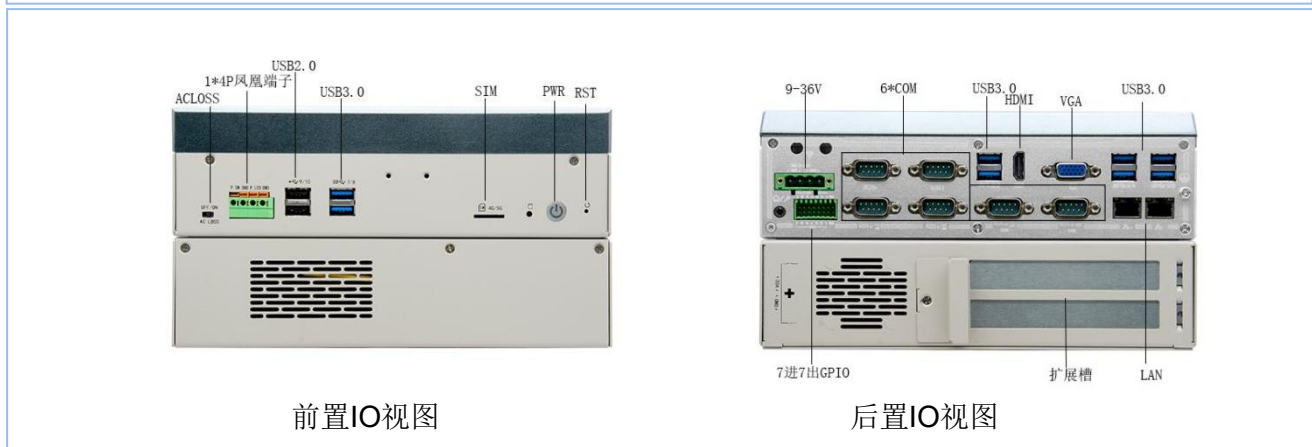
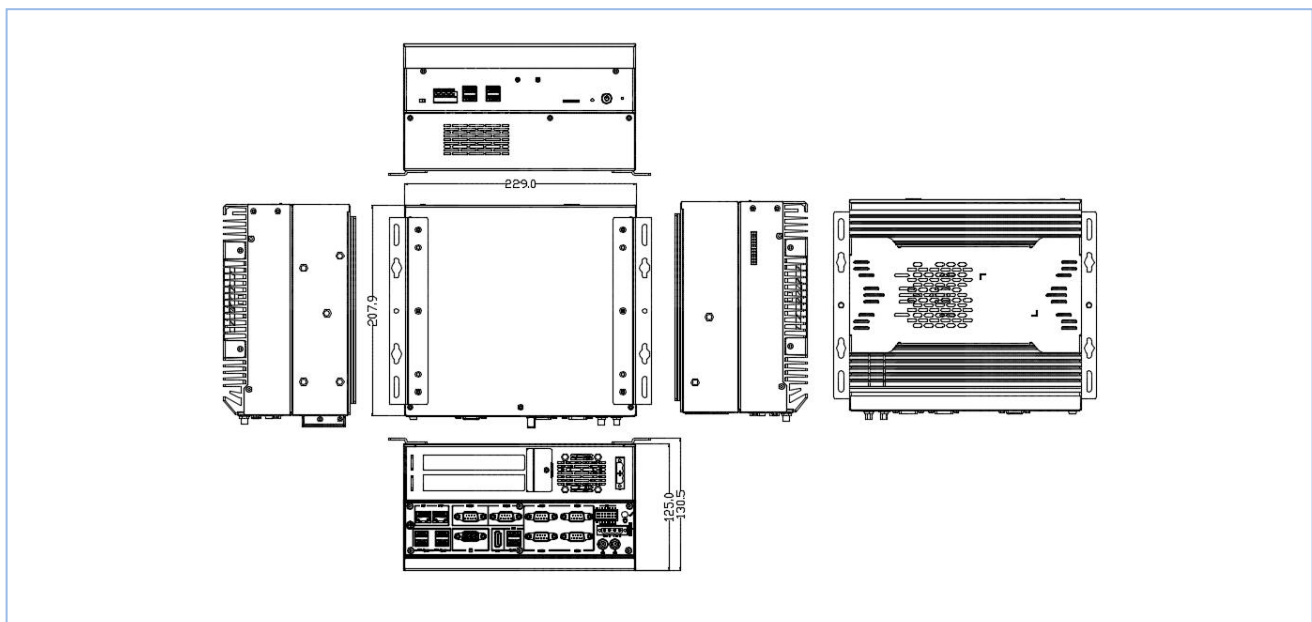
Model number	G3780F-C6E2 V1.0(Z370)	
chassis	Material/Structure	Aluminum alloy + sheet metal fan heat dissipation
	colour	Iron gray + sand gray
	Dimensions	229*208*125MM
	Weight	4.47 KG
	Install	Desktop/embedded /DIN rail
Main board	CPU	Intel® LGA1151/8-9 series processors
	System chip	Intel®Z370
	Internal memory	2*SODIMM DDR4 memory slots, supporting 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*1200@60Hz), 1*HD OUTPUT1.4
	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
	USB	3*USB2.0, 8*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, 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
	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 PCIeEx4 SSD
extend	PCIE	1*PCIE3.0 x16 slot 1*PCIE3.0 x8 slot See notes
	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	-10°C to 50°C
	Storage	-20°C ~ 70°C
	Relative	5%-95% relative humidity, no condensation
	Working vibration	0.5g rms/5-500HZ/random/operating

G3780E-C6E2

尺寸图



订货信息

No.	Model	CPU	Memory	Motherboard	IO Board	PCIE	GPIO	LAN	COM	CAN	HD OUTPUT	VGA	USB 3.0	USB 2.0	power
1	G3780F-C6E2 V1.0(Z370)	LGA1151 8~9th	2*SODDDR4	G370	G370-C6/G370-PW/G370-E2	X8+X8	7 in 7 out	2	6	2	1	1	8	3	9-36V
2	G3780F-C6E2 V1.0(G250)	LGA1151 6~9th	2*SODDDR4	G250	G370-C6/G370-PW/G250-E2	X8+X1	7 in 7 out	2	6	2	1	1	8	3	9-36V
3	G3780F-P4E2 V1.0(Z370)	LGA1151 8~9th	2*SODDDR4	G370	G370-P4/G370-PW	X8+X8	7 in 7 out	5	4	2	1	1	8	3	9-36V
4	G3780F-P4E2 V1.0(G250)	LGA1151 6~9th	2*SODDDR4	G250	G370-P4/G370-PW	X8+X1	7 in 7 out	5	4	2	1	1	8	3	9-36V

备注：1、一键还原与复位键二选一，默认一键还原，部分CPU不支持，具体联系FAE，需要复位键，要改硬件。

2、G3780F-C6E2 (Z370)：1*x16槽（x8信号）+ 1*x8槽（x8信号）。

G3780F-C6E2 (G250)：1*x16槽（x8信号）+ 1*x4槽（x1信号）。

3、不带风扇的是G3780S-C6E2或G3780S-P4E2。

4、支持显卡规格：功耗低于75W，尺寸小于180mm。

配件清单

序号	料号	描述	数量	单位	备注
1	03.02.N05-NF67G-00	挂耳, L51.3*W12*W18mm	1	Set	标配
2	03.02.N05-NFP37-10	支架, L123.98*W29.5*T1.2mm	1	Set	标配
3	03.03.J01-0H015-01	国标电源线_L=1.5m 梅花尾	1	pcs	可选
4	03.01.DC0-D180W-01	19V/9.47A/180W/梅花尾 电源适配器	1	pcs	可选



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