

# C6850Z-P4

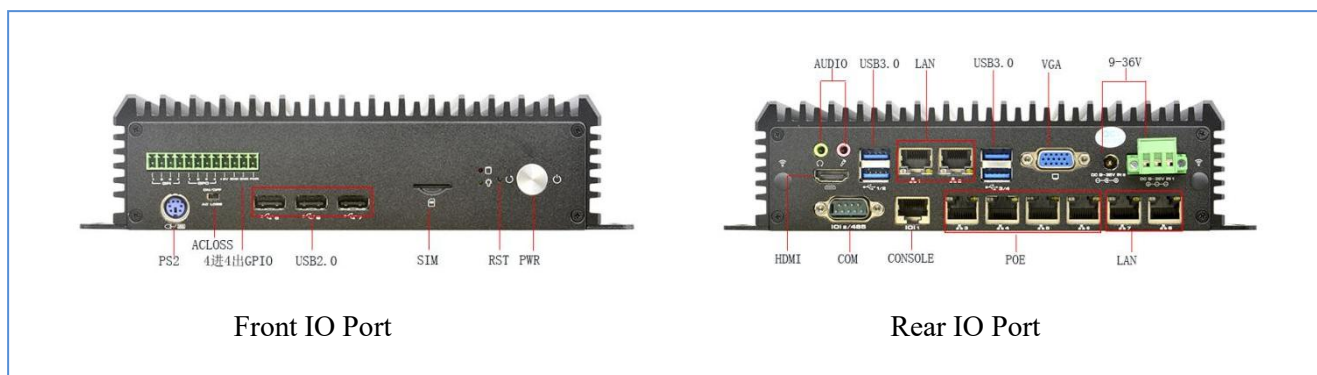
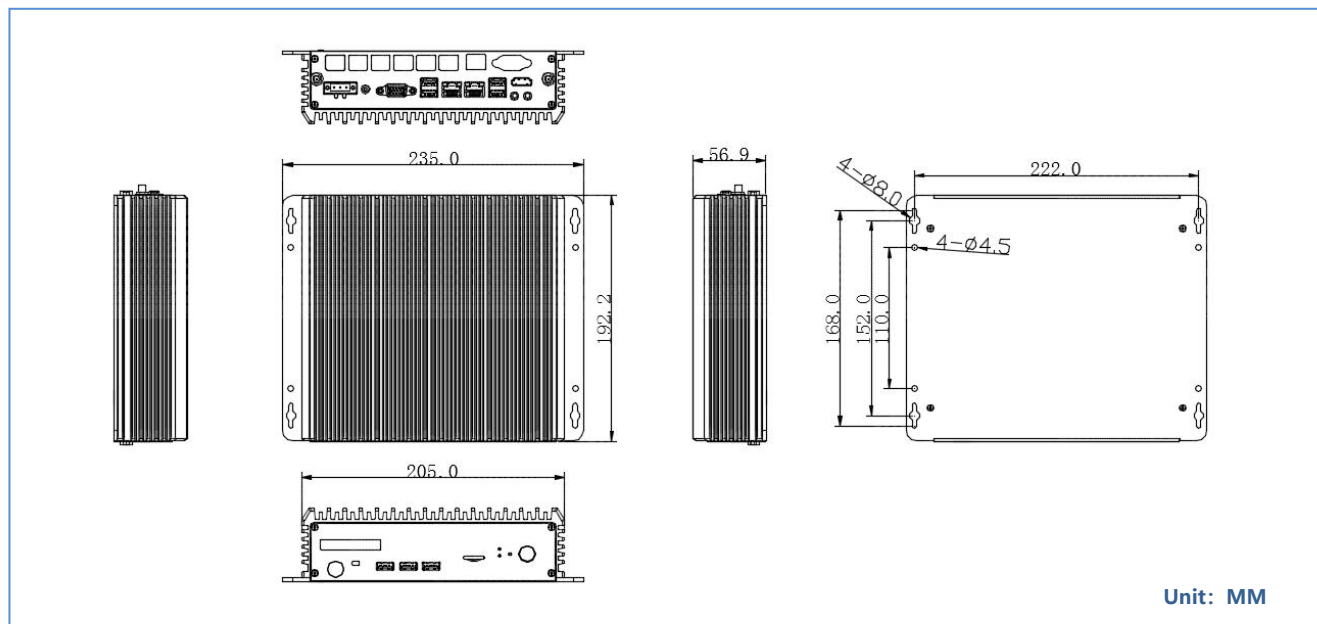


## Features

- Onboard Intel®i7-8565U/2.10GHz dual core processor
- 2\*DDR4-2400 SODIMM RAM slot, up to 64GB
- 1\*HDMI, 1\*VGA dual independent display
- 8\*Intel I210AT Gigabit Ethernet (4\*POE)
- 1\*DB9 RS232/485, 1\*RJ45 RS232/RS485
- 4\*USB3.0, 3\*USB2.0, 1\*internal USB2.0
- 1\*12PIN Phoenix connector, include 4-in 4-out GPIO, switch, 5V
- DC 9~36V
- Fanless design, full aluminum case

## Specification

Model No.	C6850Z-P4 V1.1(8565U)	
Chassis	Material/Structure	Full aluminum case, fanless design
	Color	Black
	Dimension	L235*W192*H57mm
	Net Weight	1.95KG
	Installation	Desktop/Embedded
Motherboard	CPU	Onboard Intel®Whiskey Lake-U i7-8565U/1.8GHz quad cores 4-thread processor, TDP 15W
	Graphics	Integrated Intel® UHD Graphics for 8 <sup>th</sup> Gen processor, support DirectX 12 OpenGL 4.5
	Memory	2*DDR4-2400 SODIMM RAM slot, up to 64GB
Front I/O Port	POWER	1* Power button, 1*One key reset button, 1*AC LOSS switch (auto power ON/OFF)
	LED	1* Power LED, 1* HDD LED
	USB	3*USB2.0, 1* Internal USB2.0
	PS2	1*PS2
	Phoenix Connector	1*12pin (include 4-in 4-out GPIO/switch/5V)
	SIM	1*SIM slot
Rear I/O Port	Display	1*VGA, 1*HDMI1.4
	LAN	8*Intel I210AT Gigabit Ethernet (support WOL, PXE), LAN3~6 POE (support 48V)
	USB	4*USB3.0
	COM	1*DB9 RS232/RS485 (pin9 charged function); 1*RJ45 RS232/RS485; (default RS232)
	Audio	1*Line out, 1*MIC
	Power	DC9~36V, 1*DC_In Jack, 1*3pin Phoenix connector
Storage	SATA	1*2.5" SATA port
	MSATA	1*MSATA SSD port
Expansion	Mini PCIE	1*Mini PCIE, support WIFI/4G module (Note: WiFi / LAN8 optional, default LAN8)
OS Support	Microsoft Windows	Win10 / Win11
	Linux	Ubuntu
	Watch Dog	Support hardware reset function (L256, 0~255 seconds)
Power Type	Power Type	External power adaptor
	Power Input	9-36V
	Consumption	60W~180W
Environment	Operating Temp.	-10°C ~ 50°C
	Storage Temp.	-20°C ~ 70°C
	Relative Humidity	5%-95% relative humidity, non-condensing
	Vibration	0.5g rms/5-500HZ/random/operating



## Order Information

No.	Model	CPU	Memory	Motherboard	IO Board	LAN	COM	HDMI	VGA	USB	power
1	C6850Z-P4 V1.1(6650U)	I7-6650U/2.2GHz	2*SODDDR4	C58_I726D	C69-P4/C68-HM/C68-G12/C68-PW	8	2	1	1	8	9-36V
2	C6850Z-P4 V1.1(7200U)	I5-7200U/2.5GHz	2*SODDDR4	C58_I526D	C69-P4/C68-HM/C68-G12/C68-PW	8	2	1	1	8	9-36V
3	C6850Z-P4 V1.1(8145U)	I3-8145U/2.1GHz	2*SODDDR4	C81_I326D	C69-P4/C68-HM/C68-G12/C68-PW	8	2	1	1	8	9-36V
4	C6850Z-P4 V1.1(8265U)	I5-8265U/1.6GHz	2*SODDDR4	C81_I526D	C69-P4/C68-HM/C68-G12/C68-PW	8	2	1	1	8	9-36V
5	C6850Z-P4 V1.1(8565U)	I7-8565U/1.8GHz	2*SODDDR4	C81_I726D	C69-P4/C68-HM/C68-G12/C68-PW	8	2	1	1	8	9-36V
6	C6850Z-P4 V1.1(6300U)	I5-6300U/2.4GHz	2*SODDDR4	C58_I526D	C69-P4/C68-HM/C68-G12/C68-PW	8	2	1	1	8	9-36V