

# EPC-C6850Z-C6

**Fanless Mini Desktop Industrial Copmputer with Integrated Intel® Skylake-U Core i5 6360U, 2 LAN, Mini PCIe and m-SATA slot**



## Feature:

- Integrated Intel®Skylake-U I5 6360U Dual-Core Four-Thread processor
- 2 x DDR4 SODIMM memory slot, support dual channel 2133MHz memory, maximum support 32GB
- Support independent dual display, 1 x HDMI and 1 x VGA display output
- Support 2 x WGI211AT gigabit network card, support LAN wake-up, PXE function
- Support 6 x DB9 RS232 serial interface, COM5/COM6 support RS232/RS485 switch function
- Support 1 x 12PIN Phoenix terminal, four in and four out GPIO, switch, 5V
- Support 4 x USB3.0 interface, 3 x USB2.0 interface
- Power supply supports wide voltage 9~36V input
- Fanless heat dissipation structure, all aluminum alloy material

## Specification:

Model	EPC-C6850Z-C6	
Chassis	Structure	All aluminum alloy fanless
	Colour	Bright black
	Dimension (L x W x H)	L205xW207xH57mm
	Weight (Net weight of bare metal)	2.1KG
	Installation	Desktop / embedded
Motherboard	CPU	Integrated Intel® Skylake-U I5 6360U/2.0GHz Dual-Core Four-Thread processor TDP 15W
	Chipset	Based on Intel® Skylake-U SOC platform
	Display	Integrated Intel® Iris™ Graphics 540 supports Direct X 12 Open GL 4.5
	Ram	2 x DDR4 SODIMM memory slot, support dual channel 2133MHz memory, maximum support 32GB

Front interface panel	POWER	1 x power switch, 1 x reset switch
	AC LOSS	1 x AC LOSS (Power on toggle switch)
	USB	3 x USB2.0 interface, 1 x built-in USB dongle
	Phoenix Terminal	1 x 12pin, support four input and four output GPIO, switch, 5V
	PS2	1 x PS2 interface
	COM	1 x RS232 serial interface, COM6 supports RS485 mode
	SIM	1 x SIM slot, 3G/4G module application
Rear interface panel	COM	5 x RS232 DB9 serial interface, COM5 supports RS485 mode
	USB	4 x USB3.0 interface
	LAN	2 x Intel® WGI211AT Gigabit network card, support Wake on LAN, PXE function
	Display interface	1 x VGA interface, 1 x HDMI1.4 interface
	Audio	1 x Line out interface, 1 x MIC interface
	Power supply	1 x DC power adapter interface, 1 x 3pin power interface, support 9~36V power input
HDD	SATA	1 x 2.5 inch hard disk expansion
	SSD	1 x MSATA SSD expansion, SSD transfer speed up to 6Gbps
Extend	Mini PCIE	1 x Mini PCIE slot, support WIFI / 4G module
	M.2	1 x M.2 slot, support M.2 2260/2280 NVME PCIE x4 standard SSD
OS	Microsoft Windows	Windows 10, 64bit
	Linux	Ubuntu
	Watch Dog	Support hardware reset function (256 levels, 0~255 seconds)
Power	Power type	External power adapter
	Input	9V~36V wide voltage
	Output	36W~180W
Environment	Operating Temp.	-10°C ~ 60°C
	Storage Temp.	-20°C ~ 70°C
	Relative Humidity	5%-95% Relative humidity, no condensation
	Vibration	0.5g rms/5-500HZ/random/operating

## Ordering Information

No.	Model	Processor	M.2	Memory	Phoenix Terminal	LAN	COM	HDMI	VGA	USB2.0	USB3.0	Built-in USB	SIM	PS2	power-input
1	EPC-C6850Z-C6 (J1900)	J1900/2.0GHz	N/A	1xDDR3L	1x12PIN	2	6	1	1	6	1	1	1	1	9V~36Vwide

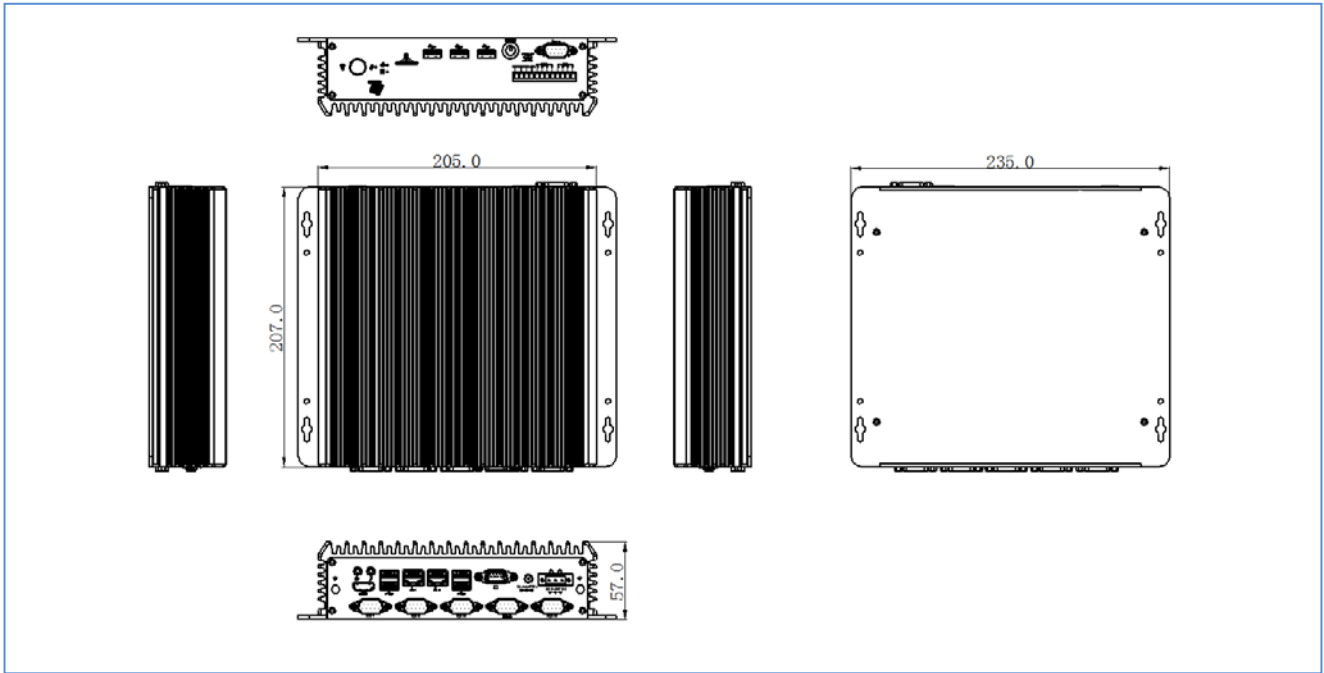


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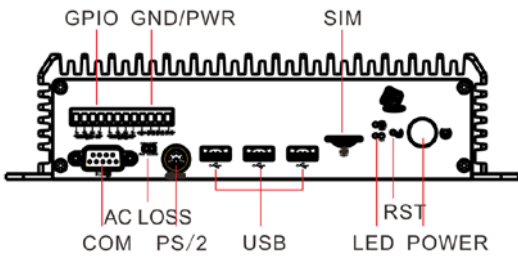
Professional industrial PC and network appliance designer and manufacturer.

2	EPC-C6850Z-C6 (3865U)	3865U/1.8GHz	1	2xDDR4	1x12PIN	2	6	1	1	3	4	1	1	1	9V~36Vwide
3	EPC-C6850Z-C6 (4120U)	4120U/2.0GHz	N/A	1xDDR3L	1x12PIN	2	6	1	1	5	2	N/A	1	1	9V~36Vwide
4	EPC-C6850Z-C6 (5250U)	5250U/1.6GHz	N/A	1xDDR3L	1x12PIN	2	6	1	1	5	2	N/A	1	1	9V~36Vwide
5	EPC-C6850Z-C6 (6360U)	6360U/2.0GHz	1	2xDDR4	1x12PIN	2	6	1	1	3	4	1	1	1	9V~36Vwide
6	EPC-C6850Z-C6 (6650U)	6650U/2.2GHz	1	2xDDR4	1x12PIN	2	6	1	1	3	4	1	1	1	9V~36Vwide
7	EPC-C6850Z-C6 (7200U)	7200U/2.5GHz	1	2xDDR4	1x12PIN	2	6	1	1	3	4	1	1	1	9V~36Vwide
8	EPC-C6850Z-C6 (7600U)	7600U/2.8GHz	1	2xDDR4	1x12PIN	2	6	1	1	3	4	1	1	1	9V~36Vwide
9	EPC-C6850Z-C6 (8145U)	8145U/2.1GHz	1	2xDDR4	1x12PIN	2	6	1	1	3	4	1	1	1	9V~36Vwide
10	EPC-C6850Z-C6 (8265U)	8265U/1.6GHz	1	2xDDR4	1x12PIN	2	6	1	1	3	4	1	1	1	9V~36Vwide
11	EPC-C6850Z-C6 (8565U)	8565U/1.8GHz	1	2xDDR4	1x12PIN	2	6	1	1	3	4	1	1	1	9V~36Vwide

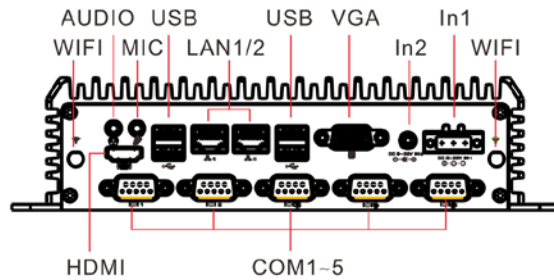
## System Dimension:



**Front panel external I/O video**



**External I/O on the rear panel**



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