

C6850Z-C6

Intel® 6th Gen Core™ i5-6360U
Full Aluminum Industrial PC



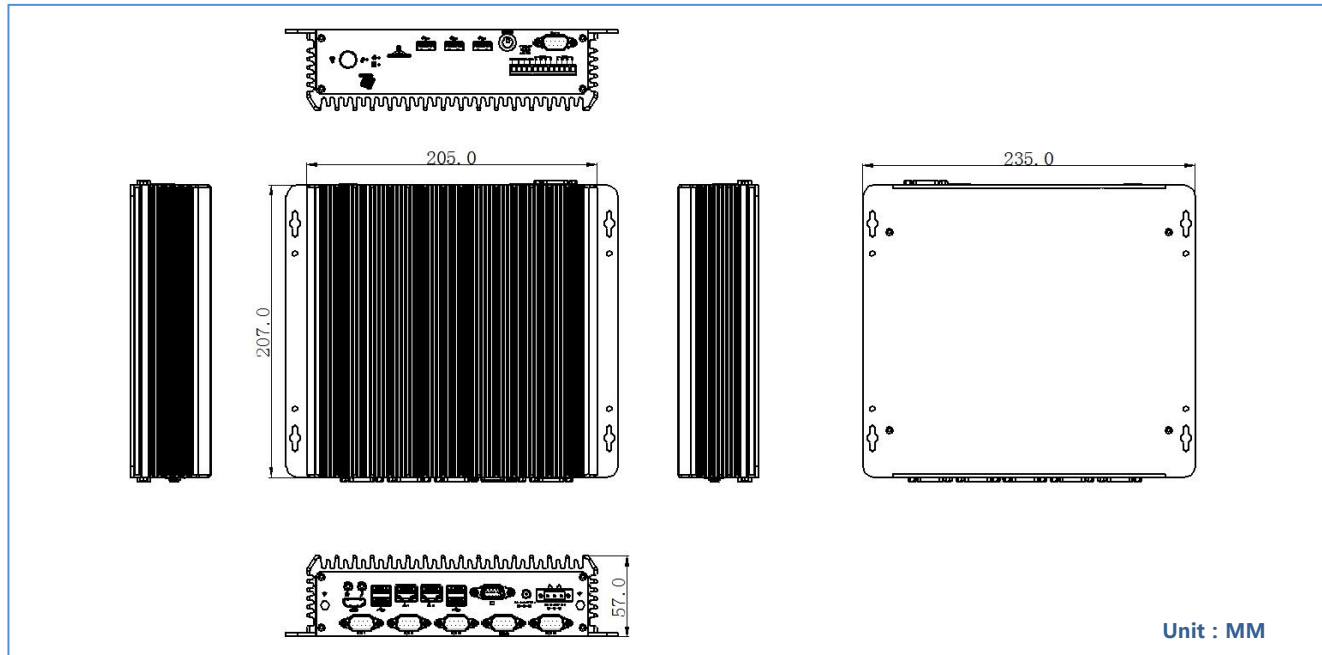
Features

- Intel®Skylake-U I5 6360U dual core 4-thread processor
- 2*DDR4 SODIMM RAM slot, support 2133MHz memory, up to 32GB
- 1* HDMI, 1*VGA dual independent display
- 2* WGI211AT Gigabit Ethernet, support Wake On LAN, PXE
- 6* DB9 RS232 COM port , COM5/COM6 support RS485 optional
- 7*USB, 1* SIM slot
- Wide voltage 9~36V input output
- Fanless cooling structure, full aluminum case

Specification

| | | |
|-----------------|--------------------|---|
| Model No. | C6850Z-C6 | |
| Chassis | Material/Structure | Full aluminum case, fanless cooling |
| | Color | Bright black |
| | Dimension | L205*207W*H57mm |
| | Netweight | 2.10KG |
| | Installation | Desktop/Embedded |
| Mainboard | CPU | Intel®Skylake-U I5 6360U/2.0GHz dual core 4-thread processor, TDP 15W |
| | Chipset | Intel®Skylake-U SOC |
| | Display | Integrated Intel® Iris™ Graphics 540, support DirectX 12 OpenGL 4.4, support 4K |
| | Memory | 2*DDR4 SODIMM RAM slot, support 2133MHz, up to 32GB |
| Front Panel I/O | POWER | 1*Power switch, 1* Reset switch |
| | AC LOSS | 1*AC LOSS (Auto power on/off switch) |
| | USB | 3* USB2.0 |
| | Phoenix Connector | 1*12pin , support 4-in 4-out GPIO, switch, 5V |
| | PS2 | 1*PS2 port |
| | COM | 1* DB9 RS232 COM port, also support RS485 (by adjusting jumper) |
| | SIM | 1* SIM slot |
| Rear Panel I/O | Display port | 1*VGA, 1*HDMI |
| | LAN | 2*Intel® WGI211AT Gigabit Ethernet, support Wake On LAN, PXE |
| | USB | 4* USB3.0 |
| | COM | 5* RS232 DB9 COM port, COM5 also support RS485 (by adjusting jumper) |
| | Audio | 1* Line out, 1* MIC |
| | Power | 1* DC power adaptor port, 1* 3pin power connector, support 9~36V power input output |
| Storage | SATA | 1*2.5" SATA HDD expansion |
| | mSATA | 1* MSATA SSD expansion, transmission rate up to 6Gbps |
| Expansion | Mini PCIE | 1* Mini PCIE slot, support WiFi/4G module |
| | M.2 | 1* M.2 slot, support M.2 2260/2280 NVME PCIE standard SSD |
| Support OS | Microsoft Windows | Windows 7/10 , 64bit (not include Windows code) |
| | Linux | Ubuntu |
| | Watch Dog | Support hardware reset function (L256, 0~255 seconds) |
| Power Adaptor | Power Type | External power adaptor or open power supply |
| | Voltage Input | 9V~36V wide voltage |
| | Power Output | 36W~180W |
| Environment | Working Temp. | -10°C ~ 60°C |
| | Storage Temp. | -20°C ~ 70°C |
| | Relative Humidity | 5%-95% relative humidity, non-condensing |
| | Working Vibration | 0.5g rms/5-500HZ/random/operating |

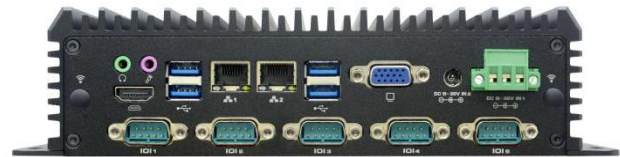
Dimension Drawing



Front Panel I/O



Rear Panel I/O



Order Information

| No. | Model | Processor | Motherboard | Memory | HDD | Phoenix | LAN | COM | HDMI | VGA | USB2.0 | USB3.0 | M.2 | SIM | PS2 | power-in |
|-----|-------------------|-----------------|-------------|------------|-----|---------|-----|-----|------|-----|--------|--------|-----|-----|-----|----------|
| 1 | C6850Z-C6 (J1900) | J1900/2.0GHz | C19_J126D | 1*SO DDR3L | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 3 | 4 | N/A | 1 | 1 | 9V~36V |
| 2 | C6850Z-C6 (4120U) | i3-4120U/2.0GHz | C43_I326D | 1*SO DDR3L | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 5 | 2 | N/A | 1 | 1 | 9V~36V |
| 3 | C6850Z-C6 (5250U) | i5-5250U/1.6GHz | C43_I526D | 1*SO DDR3L | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 5 | 2 | N/A | 1 | 1 | 9V~36V |
| 4 | C6850Z-C6 (3865U) | 3865U/1.8GHz | C57_C326D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 3 | 4 | 1 | 1 | 1 | 9V~36V |
| 5 | C6850Z-C6 (6360U) | i5-6360U/2.0GHz | C57_I526D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 3 | 4 | 1 | 1 | 1 | 9V~36V |
| 6 | C6850Z-C6 (6650U) | i7-6650U/2.2GHz | C57_I726D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 3 | 4 | 1 | 1 | 1 | 9V~36V |
| 7 | C6850Z-C6 (7200U) | i5-7200U/2.5GHz | C57_I526D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 3 | 4 | 1 | 1 | 1 | 9V~36V |
| 8 | C6850Z-C6 (7600U) | i7-7600U/2.5GHz | C57_I726D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 3 | 4 | 1 | 1 | 1 | 9V~36V |
| 9 | C6850Z-C6 (8145U) | i3-8145U/2.1GHz | C81_I326D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 5 | 2 | 1 | 1 | 1 | 9V~36V |
| 10 | C6850Z-C6 (8265U) | i5-8265U/1.6GHz | C81_I526D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 5 | 2 | 1 | 1 | 1 | 9V~36V |
| 11 | C6850Z-C6 (8565U) | i7-8565U/1.8GHz | C81_I526D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 5 | 2 | 1 | 1 | 1 | 9V~36V |