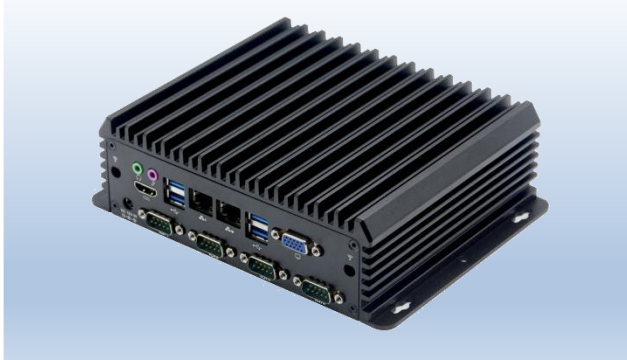


C5750Z-C6 (J6412)

Intel® Celeron J6412 Processor
Fanless Industrial Computer



Features

- Intel Celeron J6412/2.00GHz quad cores processor
- 2* SODIMM DDR4-2400 RAM slot, up to 32GB
- 1* HDMI, 1*VGA dual independent display
- 2* Intel I226 Gigabit Ethernet, support WOL, PXE
- 6* RS232(2*RS485/RS422/CAN selectable)
- 1*12PIN Phoenix(include GPIO/switch/5V signal)
- 2*USB3.0, 4*USB2.0
- DC12V
- Fanless cooling, full aluminum case

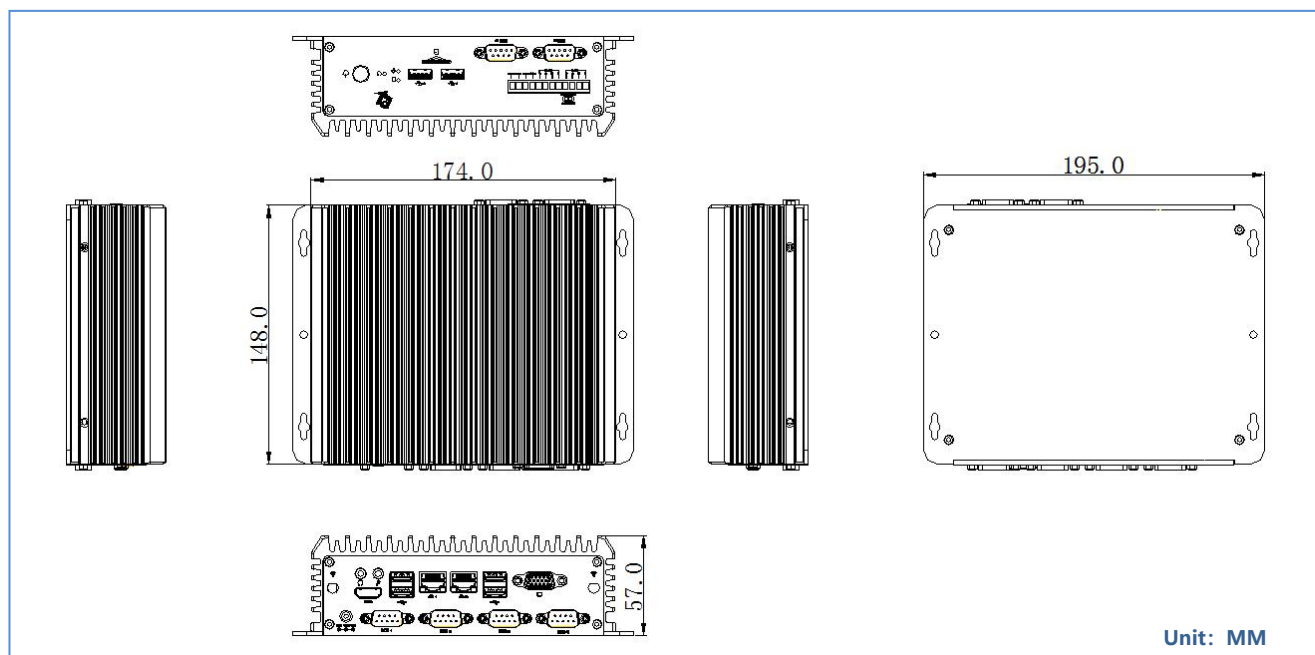
Specification

| | | |
|-----------------|------------------------|--|
| Model No. | C5750Z-C6 V2.0 (J6412) | |
| Case | Material/Structure | Full aluminum alloy, fanless cooling |
| | Color | Bright black |
| | Size (L*W*H) | 174mm*148mm*57mm |
| | Net Weight | 1.35KG |
| | Installation | Desktop or embedded |
| Mainboard | CPU | Intel® @Celeron J6412/2.00GHz quad Core 4-thread processor, TDP10W |
| | Graphics | Integrated Intel®UHD Graphics, support DirectX 12 OpenGL 4.5 |
| | Memory | 2*DDR4-2400 SODIMM RAM slot, up to 32GB |
| Storage | SATA | 1*2.5" SATA HDD expansion |
| | mSATA | 1* MSATA SSD expansion, transfer speed up to 6Gbps |
| Front Panel I/O | POWER | 1* Power button, 1* reset button |
| | AC LOSS | 1* AC LOSS switch (auto power ON function) |
| | USB | 2* USB2.0 |
| | Phoenix Connector | 1* 12pin, support 4-in 4-out GPIO, switch, 5V |
| | COM | 2* DB9 RS232/RS485/RS422/CAN, default RS232, need install miniPCIE CAN module to use CAN |
| | SIM | 1* SIM slot |
| Rear Panel I/O | Display | 1* VGA(1920*1200@60Hz), 1* HDMI 1.4(4096*2304@30Hz) |
| | LAN | 2*Intel® I226 Gigabit Ethernet, support Wake On LAN, PXE |
| | USB | 2* USB3.0, 2* USB2.0 |
| | COM | 4* DB9 RS232, COM1/2 support the 9th pin 5V/12V charged function |
| | Audio | 1* Line out, 1* MIC port |
| | Power Input | 1* 12V DC_In Jack |
| Expansion | Mini PCIE | 1* Mini PCIE slot, support WiFi/4G module |
| | M.2 | 1* M.2, Key-E, 2230, support WiFi |
| | USB | 1* Internal USB2.0, horizontal, can install USB dangle |
| OS Support | Microsoft | Windows 10 |
| | Linux | Ubuntu |
| | Watch Dog | Support hardware reset function (L256, 0~255 seconds) |
| Power Supply | Power Type | External power adaptor |
| | Voltage Input | DC 12V |
| Environment | Operating 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 |



Embedded IPC

Dimension Drawing



Front I/O view



Rear I/O view



Order Information

| No. | Model | Processor | Motherboard | Memory | HDD | Phoenix | LAN | COM | HDMI | VGA | USB3.0 | USB2.0 | SIM | Power-input |
|-----|--------------------|---------------|-------------|------------|-----|---------|-----|-----|------|-----|--------|--------|-----|-------------|
| 1 | C5750Z-C6 (J1900) | J1900/2.0GHz | C19_I926D | 1*SO DDR3L | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 1 | 5 | 1 | DC 12V |
| 2 | C5750Z-C6 (4300U) | 4300U/1.8GHz | C43_I326D | 1*SO DDR3L | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 2 | 4 | 1 | DC 12V |
| 3 | C5750Z-C6 (6300U) | 6360U/2.0GHz | C58_I526D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 4 | 2 | 1 | DC 12V |
| 4 | C5750Z-C6 (6650U) | 6650U/2.2GHz | C57_I726D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 4 | 2 | 1 | DC 12V |
| 5 | C5750Z-C6 (7200U) | 7200U/2.5GHz | C57_I526D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 4 | 2 | 1 | DC 12V |
| 6 | C5750Z-C6 (7600U) | 7600U/2.5GHz | C57_I726D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 4 | 2 | 1 | DC 12V |
| 7 | C5750Z-C6 (8145U) | 8145U/2.1GHz | C81_I326D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 4 | 2 | 1 | DC 12V |
| 8 | C5750Z-C6 (8265U) | 8265U/1.6GHz | C81_I526D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 4 | 2 | 1 | DC 12V |
| 9 | C5750Z-C6 (8565U) | 8565U/1.8GHz | C81_I726D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 4 | 2 | 1 | DC 12V |
| 10 | C5750Z-C6 (5205U) | 5205U/1.9GHz | C100_C326D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 4 | 2 | 1 | DC 12V |
| 11 | C5750Z-C6 (J6412) | J6412/2.0G | C6412_J126D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 2 | 4 | 1 | DC 12V |
| 12 | C5750Z-C6 (10210U) | 10210U/1.6GHz | C100_I526D | 2*SO DDR4 | N/A | 1*12PIN | 2 | 6 | 1 | 1 | 4 | 2 | 1 | DC 12V |

CPU information just for reference, more CPU information please contact sales.



Embedded IPC