

## Intel ® Q170 Chipset Multi-Expansion Slot Fanless Industrial PC



### Features:

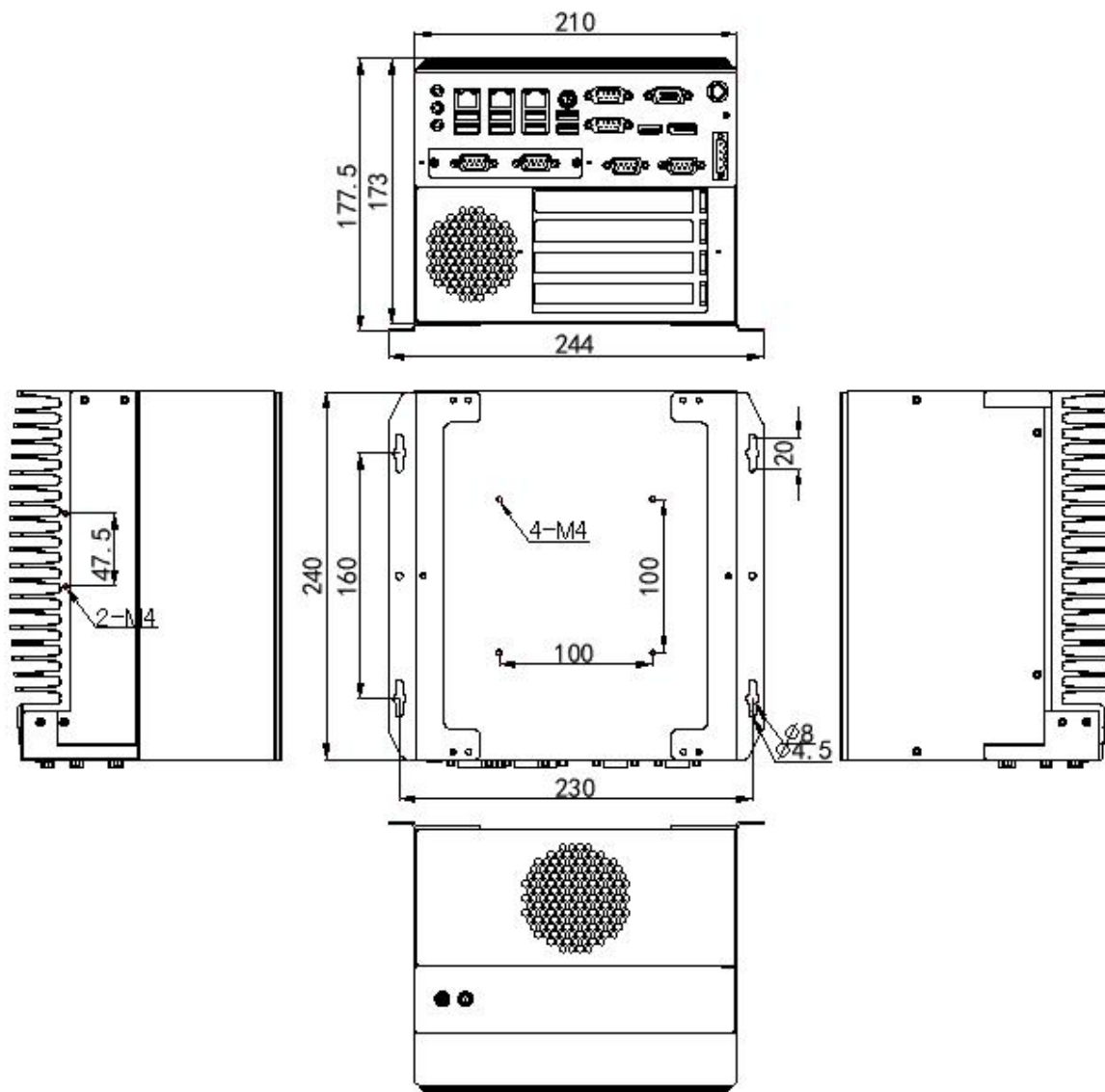
- ◇ All aluminum alloy structure; Fanless design;
- ◇ Onboard Intel Q170 chipset;
- ◇ 2\*DDR4 1866/2133 RAM Slot, Max. support 32GB RAM;
- ◇ Support 1\*MSATA Slot, 2\*2.5" SATA HDD;
- ◇ Support 4\*Expansion Slot;
- ◇ Support 6\*COM (COM1, COM2 RS232/422/485 Optional)
- ◇ DC 9 ~ 36V wide voltage Input, Support positive pole and negative electrode connect reversely protection;
- ◇ Applied OS:



## Specification

|                |                                                                                                                                                           |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model          | Partaker I16B Fanless Industrial PC                                                                                                                       |
| Color          | Titanium gray (Color can be customized)                                                                                                                   |
| Material       | High quality aluminum alloy+ sheet metal structure                                                                                                        |
| Processor      | Intel Core i3 6100T (Dual core four threads, 3.2GHz)                                                                                                      |
|                | Intel Core i5 6500T (Quad core four threads, 2.5GHz, Max turbo 3.1GHz)                                                                                    |
|                | Intel Core i7 6700T (Quad core eight threads, 2.8GHz, Max turbo 3.6GHz)                                                                                   |
| RAM            | Support 2*DDR4 1866/2133 SODIMM RAM Slot, Max. Support 32GB                                                                                               |
| BIOS           | AMI EFI BIOS                                                                                                                                              |
| Display Chip   | Integrated Intel HD Graphics 530                                                                                                                          |
| Display Port   | 1*VGA, 1*HDMI, 1*DP (Support synchronous and asynchronous three display)                                                                                  |
| I/O Port       | 8*USB3.0, 3*Intel 1000M LAN, 1*Power Switch, 1*MIC, 2*Speaker,                                                                                            |
|                | 6*COM (COM1、COM2 RS232/422/485 Optional) , 1*DC power supply phoenix connector<br>1*VGA, 1*HDMI, 1*DP, 1*Keyboard or Mouse port                           |
| Expansion Port | Support 1*MINI PCIE slot (WIFI/3G/4G Optional) , Embedded SIM slot                                                                                        |
|                | Support 1*MINI PCIE slot (MSATA/3G/4G Optional) , Embedded SIM slot<br>Optional Ports: 16Bit GPIO、4*USB2.0 (Standard version doesn't include these ports) |
| Expansion Slot | 1*PCIE X16 slot + 1*PCIE X4 slot + 2*PCI slot, Max length of expansion card: 210 mm                                                                       |
| Network        | 2*Intel i211-AT, 1*Intel i219-LM 1000M LAN (Support Vpro Technology)                                                                                      |
| Storage        | Support 1*MSATA slot, 2*2.5" SATA HDD (Support RAID0/1)                                                                                                   |
| Input Voltage  | DC 9 ~ 36V wide voltage Input, Support positive pole and negative electrode connect reversely protection                                                  |
| Other function | Auto power on when there is electricity、Timing boot、Wake on LAN、PXE boot、Watchdog (0~255 level) (Standard version doesn't set these function)             |
| Work Temp      | 0℃ ~ +50℃ (Commercial HDD) , -20℃ ~ +60℃ (Industrial SSD) , Surface air flow                                                                              |
| Work Humidity  | 5% ~ 95% non-condensing                                                                                                                                   |
| Certificates   | CE、CCC、FCC Class A、ROHS                                                                                                                                   |
| Size           | 210 * 240 * 173mm 【Not include bracket】                                                                                                                   |
| Weight         | 5.2kg 【Not include bracket】                                                                                                                               |
| Application    | Industrial Automation, Medical, Logistics Transportation, Warehouse, Machine Vision, etc.                                                                 |

## Drawing



## Accessories List

| Name          | Quantity | Specification                                 |
|---------------|----------|-----------------------------------------------|
| Power Adapter | 1        | 12V10A                                        |
| Power Cord    | 1        | Any Plug Optional<br>(China, US, EU, UK etc.) |
| Bracket       | 2        | Standard                                      |
| CD Driver     | 1        | Neutral                                       |

## Order information

|                 |      |                     |                                 |
|-----------------|------|---------------------|---------------------------------|
| Configuration 1 |      | Intel Core i3 6100T | Standard Port, 4*Expansion Slot |
| Configuration 2 | I16B | Intel Core i5 6500T | Standard Port, 4*Expansion Slot |
| Configuration 3 |      | Intel Core i7 6700T | Standard Port, 4*Expansion Slot |