# Partaker Fanless Industrial PC I16

Features：

◇ All aluminum alloy structure；Fanless design；

◇ Onboard Intel Q170 chipset；

◇ 2*DDR4 2133/2400 RAM Slot, Max. support 32GB RAM；

◇ Support 1*MSATA slot，2*2.5” SATA HDD；

◇ 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 I16 |
| Color | Titanium gray (Color can be customized) |
| Material | High quality aluminum alloy+ sheet metal structure |
| Processor | Intel Core i3 6100 (Dual core four threads，3.7GHz) |
| | Intel Core i5 6500 (Quad core four threads，3.2GHz，Max turbo 3.6GHz) |
| | Intel Core i7 6700 (Quad core eight threads，3.4GHz，Max turbo 4.0GHz) |
| 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 | 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 |
| | 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 |
| | Optional Ports: 16Bit GPIO、4*USB2.0 （Standard version doesn’t include these ports） |
| 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 * 138mm【Not include bracket】 |
| Weight | 4.7kg【Not include bracket】 |
| Application | Industrial Automation, Medical, Logistics Transportation, Warehouse, Machine Vision, etc. |

## Drawing

## Accessories List

| Name | Quantity | Specification |
|---|---|---|
| Power Adapter | 1 | 12V 10A |
| Power Cord | 1 | Any Plug Optional (China, US, EU, UK etc.) |
| Bracket | 2 | Standard |
| CD Driver | 1 | Driver , User Manual |

## Order information

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|---|---|---|---|
| Configuration 1 | | Intel Core i3 6100 | Standard Port |
| Configuration 2 | I16 | Intel Core i5 6500 | Standard Port |
| Configuration 3 | | Intel Core i7 6700 | Standard Port |