

ITPC-A116

12.1 inch Fanless Resistive Touch Panel PC



Features:

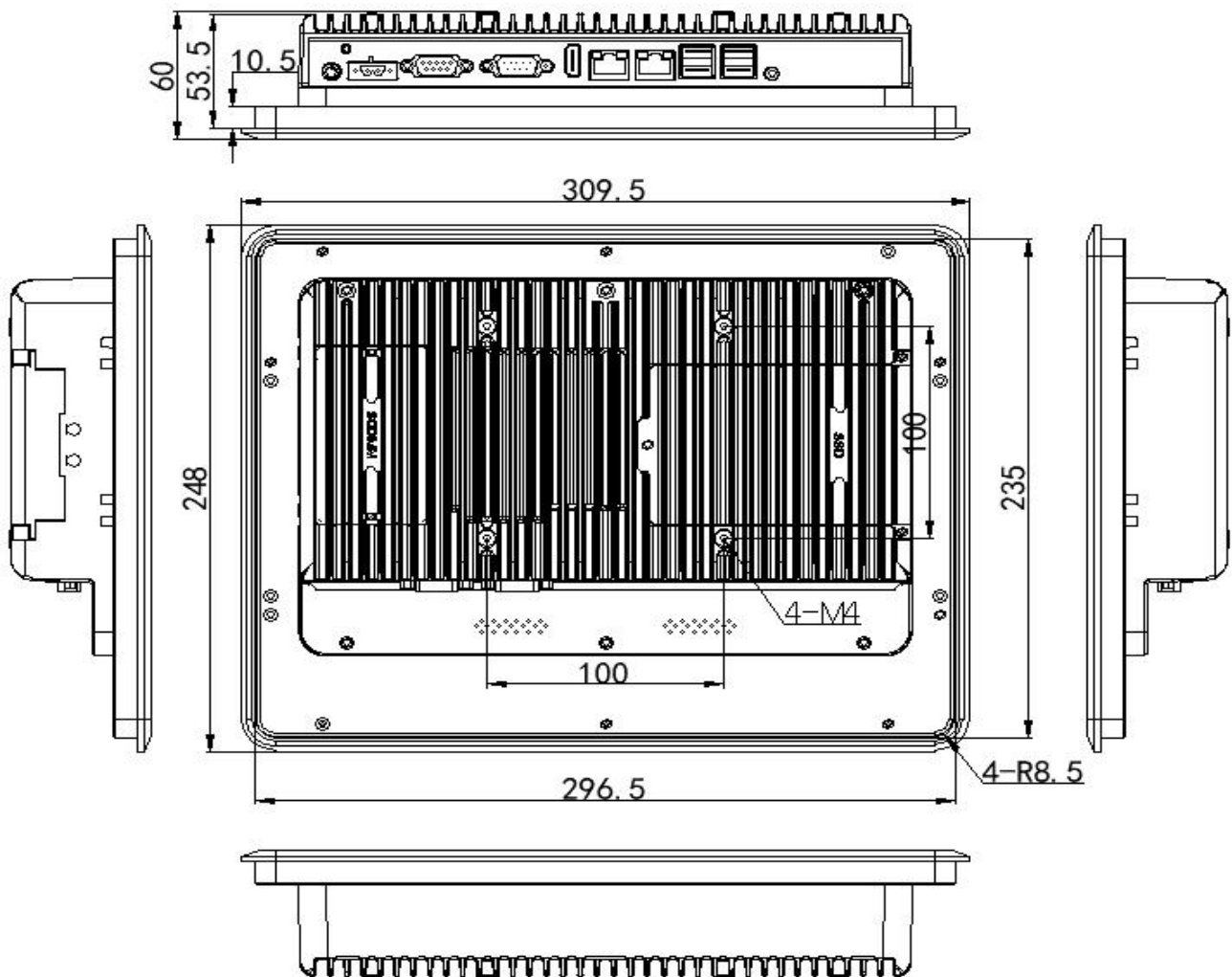
- ◇ Aluminum alloy structure, fanless design
- ◇ Onboard Intel Whiskey Lake U series processor;
- ◇ Support 9V ~ 36V wide voltage Input, and TPM2.0 security encryption;
- ◇ Support 2*RS232/422/485 COM, 6*COMs Optional;
- ◇ Support 2*Intel lans,4*Intel lans Optional;
- ◇ IP65 full flat front panel;
- ◇ Applied OS:



Specification

Model	ITPC-A116
Color	Titanium gray (Color can be customized)
Material	Aluminum alloy chassis
Processor	Onboard Intel Celeron J6412 (Quad core quad threads, 2.0GHz, Max turbo 2.6GHz) Onboard Intel Celeron 4205U (Dual core dual threads, 1.8Ghz, 2MB Cache) Onboard Intel Core i3-10110U (Dual core 4 threads, 2.1G, Max. Turbo 4.1G, 4MB Cache) Onboard Intel Core i5-8260U (Quad core eight threads, 1.6Ghz, Max turbo 3.9Ghz, 6MB Cache) Onboard Intel Core i7-8565U (Quad core eight threads, 1.8Ghz, Max turbo 4.6Ghz, 8MB Cache)
RAM	Support 1*DDR4 2133/2400 SODIMM Memory Slot, Max. Support 32GB
BIOS	AMI EFI BIOS
Display Chip	Integrated Intel UHD Graphics
Display Port	1*HDMI, 1*LVDS(Support synchronous and asynchronous dual display)
Storage	Onboard 1*M.2 2280 slot(SATA Protocol), 1*2.5" HDD, Support RAID 0/1
Expansion Slot	Support 1*Mini PCIE slot(Support WIFI/Bluetooth/3G/4G Optional, embedded SIM slot)
I/O	1*HDMI, 2*COM(COM1&COM2 RS232/RS422/RS485 Optional, 6*COM Optional), 1*Power Switch 1*2Pin power supply phoenix connector, 1*Speaker&Mic, 4*USB3.0, 2*Intel 1000M LAN (4*LAN Optional)
Other Function	TPM2.0 security encryption, Auto power on when there is electricity, Timing boot, Wake on LAN, PXE boot, Watchdog(0~255 level) (Standard version doesn't set these functions)
Expansion options	GPIO(8 Input 8 Output), 2*LAN, 4*COM, 2*USB2.0 (Standard version doesn't include these ports)
LCD	Size: 12.1 inch TFT-LCD, Brightness:350 cd/m ² Viewing Angle: Full Angle Ratio:4:3, Resolution:1024 * 768
Touch Screen	Industrial grade multi-touch resistance touch screen, Life Time: more than 50000 Thousand Times
Speaker	2*8Ω 2V Speakers
Input Voltage	DC 9~36V wide-voltage, Support positive and negative electrode protection
Work Temp	0℃ ~ +50℃(Commercial), -20℃ ~ +60℃ (Industrial SSD), Surface air flow
Work Humidity	5% ~ 95% non-condensing
Dimension	309.5 * 248 * 60 mm
Embedded	298.5 * 237 mm
Weight	2.9 kg
Application	Industrial Automation, Medical, Logistics Transportation, Warehousing, Machine Vision, etc

ITPC-A116 Drawing



Accessories List

Name	Quantity	Specification
Power Adapter	1	12V5A / 12V7A
Power Cord	1	Any Plug Optional (China, US, EU, UK etc.)
Embedded Mounting Clip	4	For Standard Embedded Installation

Order Information

Config	Model	Processor	Port
Config 1	ITPC-A116	Intel Celeron J6412	Standard Port
Config 2		Intel Celeron 4205U	Standard Port
Config 3		Intel Core i3-10110U	Standard Port
Config 4		Intel Core i5-8260U	Standard Port
Config 5		Intel Core i7-8565U	Standard Port

Note: There is a conflict between extended and standard function. Please consult technical personnel for extended function.