

ITPC-A500

15 inch Fanless Resistive industrial touch panel pc



Standard I/O



J6412 I/O

Features:

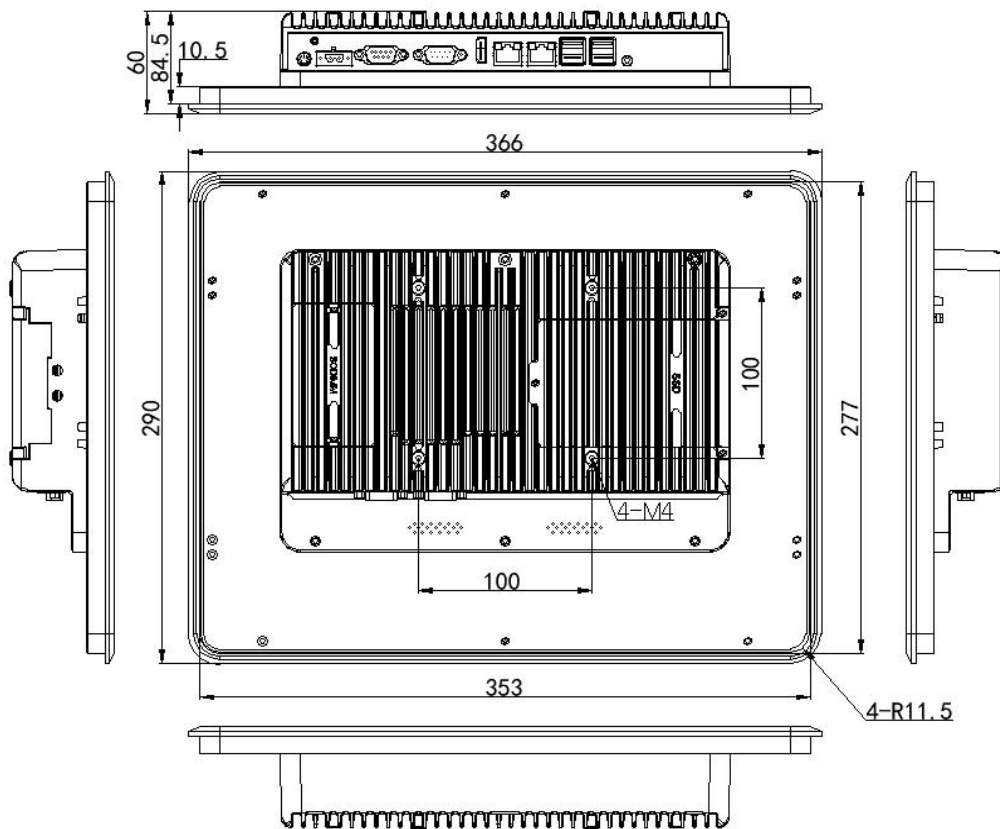
- ◇ Aluminum alloy structure, fanless design
- ◇ Onboard Intel Celeron, Core Processor
- ◇ Support 9V~36V wide voltage Input, and TPM2.0 security encryption
- ◇ Support 2*RS232/422/485 COM, Optional 6*COM Optional
- ◇ Support 2*Intel LAN, 4*LAN Optional, J6412 support 3*Intel LAN
- ◇ IP65 full flat front panel
- ◇ Applied OS:



Specification

Model	ITPC-A500
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 (COM1,2 RS232/422/485 Optional, 6*COM Optional), 1*Power Switch, 4*USB3.0, (J6412 with 4xUSB3.0+ 2xUSB2.0), 1*2Pin power supply phoenix connector, 1*Speaker&Mic, 2*Intel 1000M LAN (4*LAN Optional), (J6412 with 2*Intel 1000M LAN+1*Intel 2.5G LAN)
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 function)
Expansion options	GPIO(8 Input 8 Output), 2*LAN, 4*COM, 2*USB2.0 (Standard version doesn't include these ports)
LCD	Size: 15 inch TFT-LCD, Brightness: 350 cd/m ² Viewing Angle: Full Angle Ratio: 4:3 Resolution:1024 * 768
Touch Screen	Industrial grade multi-touch capacitive touch screen, Life Time: more than 50000 Thousand Times
Speaker	2* 8-ohm 2-watt speaker
Input Voltage	DC 9V~36V wide voltage Input, support positive and negative electrode protection
Work Temp	0°C~+50°C(Commercial), -20°C~+60°C (Industrial SSD), Surface air flow
Work Humidity	5%~95% non-condensing
Dimension	366 * 290 * 60 mm
Embedded	355 * 279 mm
Weight	3.9 kg
Application	Industrial Automation, Medical, Logistics Transportation, Warehousing, Machine Vision, etc.

ITPC-A500 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	Processor	Ports	Storage
Config 1	Intel Celeron J6412	LAN*3/USB*6/COM*2/HDMI*1/ DC-IN*1/Audio*1	1*DDR4/32G Max/1*M.2 SATA/1*2.5" HDD/ 1*minni_PCIE wifi/4G
Config 2	Intel Celeron 4205U	LAN*2/USB*4/COM*2/HDMI*1/ DC-IN*1/Audio*1	1*DDR4/32G Max/1*M.2 SATA/1*2.5" HDD/ 1*minni_PCIE wifi/4G
Config 3	Intel Core i3-10110U	LAN*2/USB*4/COM*2/HDMI*1/ DC-IN*1/Audio*1	1*DDR4/32G Max/1*M.2 SATA/1*2.5" HDD/ 1*minni_PCIE wifi/4G
Config 4	Intel Core i5-8260U	LAN*2/USB*4/COM*2/HDMI*1/ DC-IN*1/Audio*1	1*DDR4/32G Max/1*M.2 SATA/1*2.5" HDD/ 1*minni_PCIE wifi/4G
Config 5	Intel Core i7-8565U	LAN*2/USB*4/COM*2/HDMI*1/ DC-IN*1/Audio*1	1*DDR4/32G Max/1*M.2 SATA/1*2.5" HDD/ 1*minni_PCIE wifi/4G

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