

AXPPC-500A

15inch Fanless Resistive Touch Industrial Panel PC



Standard I/O

I/O Ports for J6412 Board

Features:

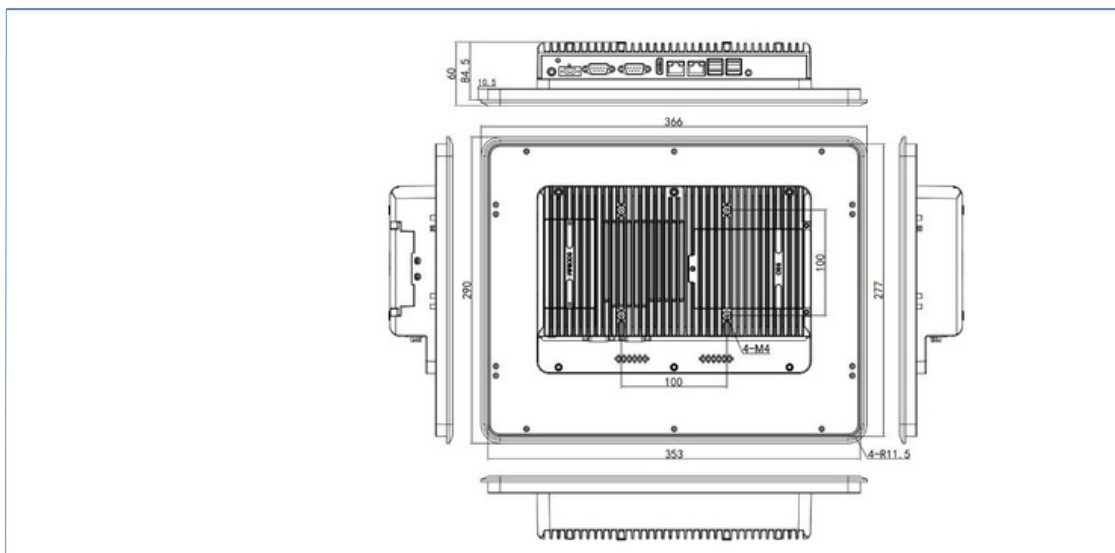
- ☐ Aluminum alloy, fanless design;
- ☐ Support Intel Celeron/Core series processor;
- ☐ Supports TPM2.0 security encryption and can support Windows 11 system;
- ☐ Supports 9~36V wide voltage input;
- ☐ Support 2*RS232/422/485 ports, up to 6*COM;
- ☐ Supports 2*Intel network ports, up to 4*LAN, J6412 motherboard supports 3*Lan ports;
- ☐ Full flat front panel, IP65 level protection;
- ☐ System:



Specification

Model	AXPPC-500A
Col or	Gray (color can be customized)
Chassis material	Aluminum alloy case
CPU	Onboard Intel Celeron J6412 (4 cores 4 threads, main frequency 2.0 Ghz, turbo frequency 2.6 Ghz, 1.5MB cache);
	Onboard Intel Core i5-8260U (4 cores 8 threads, main frequency 1.6 Ghz, turbo frequency 3.9 Ghz, 6MB cache);
	Onboard Intel Core i3-10110U (2 cores 4 threads, main frequency 2.10 Ghz, turbo frequency 4.1 Ghz, 4MB cache);
	Onboard Intel Core i7-10810U (6 cores 12 threads, Main frequency 1.10 Ghz, turbo frequency 4.9 Ghz, 12MB cache);
Memorry	Support 1*DDR4 2400/2666 SODIM Mmemory slot, up to 32GB
BIOS	AMI EFI BIOS
Display Chip	Intergate Intel UHD Graphics core graphics card
Display Port	1*HDMI
Storage	Onboard 1*M.2 2280 Slot (SATA protocol), 1*2.5inch HDD/SSD
Expansion slot	Support 1*Mini PCIE Slot (Support WIFI/Bluetooth/3G/4G, include SIM slot)
I/O Port	1*HDMI, 2 serial ports (RS232/422/485 optional for COM1 and 2, 6 serial ports can be customized),
	1 switch button, 1*2Pin Power supply Phoenix terminal, 1*audio, 4*USB3.0 (J6412: 4*USB3.0+2*USB2.0)
	2*Intel Gigabit network port (up to 4* LAN ports) <u>J6412: 3*Intel Gigabit network port</u>
other functions	TPM2.0 security encryption, power on, scheduled boot, wake on network, PXE startup, watchdog (level 0~255)
Extensible functions	<u>Non-standard Ports</u> : GPIO (8 in and 8 out), 2 network ports, 4 serial ports, 2 USB2.0
LCD screen parameters	Screen size: 15-inch TFT-LCD; screen brightness: 350 cd/m2; viewing angle: full viewing angle
	Screen ratio: 4:3; Resolution: 1024 * 768;
Touch screen parameters	Resistive high-sensitivity touch screen (single-touch) with a lifespan of more than 50 million times;
speaker	2*8 ohm 2 watt speaker
Input voltage	DC 9~36V wide voltage input, supports positive and negative polarity reverse protection
Operating temperature	0°C ~ +50°C (HDD), -20°C ~ +60°C (SSD), surface air flow
Working humidity	5% ~ 95% non-condensingstate
Size	366 * 290 * 60 mm
Embedded installation size	355 * 279 mm
Weight	3.8 kg
App li catio n	Industrial automation, medical care, logistics and transportation, warehousing, machine vision and other fields

AXPPC-500A Product five views



Parts List

Name	Quantity	Specification
Power adapter	1	Optional 12V 5A,
		I7-10810U require 12V 7.5A
Power cable	1	Optional national standard, American standard, British standard, etc.
Certificate	1	CE
Warranty Card	1	Standard 2 years
Flush mounting buckle	4	Install buckles and matching screws
Desktop, wall-mounted, three-dimensional stand	1	Optional accessories

Ordering Information

Configuration	CPU	Standard I/O interface	internal extension	Remark
Configuration 1 (Highly recommended)	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*2.5inch HDD/1*minni_PCIE wifi/(4G/5G) alternative	For more details, please confirm with our sales, thank you
Configuration 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*2.5inch HDD/1*minni_PCIE wifi/(4G/5G) alternative	
Configuration 3 (Highly recommended)	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*2.5inch HDD/1*minni_PCIE wifi/(4G/5G) alternative	
Configuration 4 (Highly recommended)	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*2.5inch HDD/1*minni_PCIE wifi/(4G/5G) alternative	
Configuration 5	Intel Core i5-10210U	LAN*2/USB*4/COM*2/HDMI*1/ DC-IN*1/Audio*1	1*DDR4/32G Max/1*M.2 SATA/1*2.5inch HDD/1*minni_PCIE wifi/(4G/5G) alternative	
Configuration 6 (Highly recommended)	Intel Core i7-10810U	LAN*2/USB*4/COM*2/VGA*1/ DC-IN*1/HDMI*1/Audio*2	1*DDR4/32G Max/1*M.2 SATA/1*2.5寸 HDD/1*minni_PCIE wifi/(4G/5G) alternative	