

ITPC-A113

10.1 inch fanless capacitive touch industrial panel PC



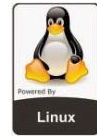
Standard I/O



J6412 I/O

Product feature:

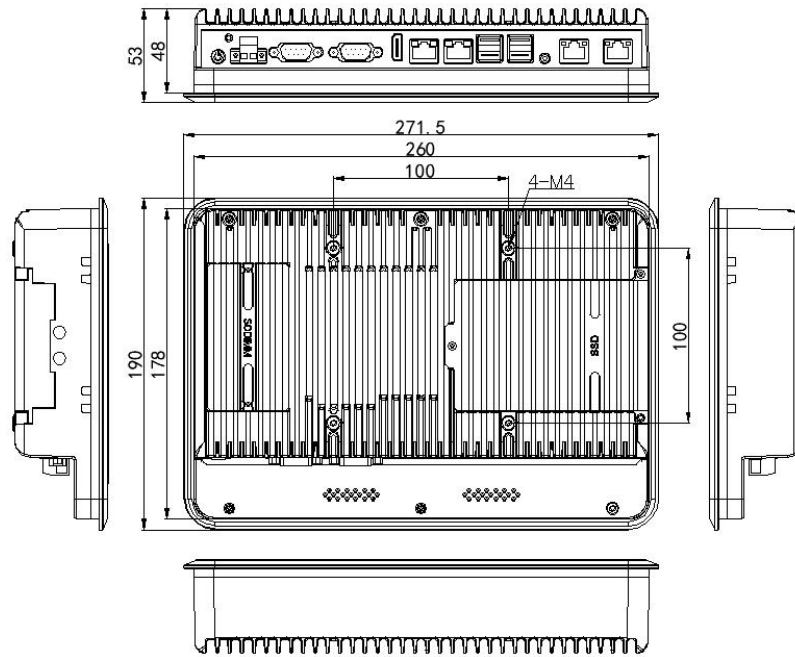
- ◇ Aluminum alloy die-casting, fanless design;
- ◇ Support Intel Core/Celeron processor;
- ◇ Support TPM2.0, Support Windows 11 OS;
- ◇ Support 9~36V wide voltage input;
- ◇ Support 2*RS232/422/485, optional is 6*COM ports;
- ◇ Support 2*Intel network ports, optional is 4*network ports, J6412 supports 3*network ports;
- ◇ Full flat front panel with IP65;
- ◇ Applied OS:



Product specification

Model	ITPC-A113
Chassis color	Grey(Colors can be freely customized)
Chassis material	Aluminum alloy case
Processor	Onboard Intel Celeron 4205 (dual core dual threads, 1.8 Ghz, 2MB cache) Onboard Intel Celeron J6412 (quad core quad threads, 2.0 Ghz, turbo 2.6 Ghz, 1.5MB cache) ; Onboard Intel Core i5-8260U (quad core eight threads, 1.6 Ghz, turbo 3.9 Ghz, 6MB cache) ; Onboard Intel Core i3-10110U (dual core quad threads, 2.10 Ghz, turbo 4.1 Ghz, 4MB cache) Onboard Intel Core i7-10810U (Six core twelve threads, 1.10 Ghz, turbo 4.9 Ghz, 12MB cache) ;
Memory	Support 1*DDR4 2400/2666/3200 SODIMM memory slot, Max. 32GB
BIOS	AMI EFI BIOS
Display chip	Integrated Intel UHD Graphics core display chip
Display port	1*HDMI
Storage	Onboard 1*M.2 2280 slot (SATA), 1*2.5inch SSD/HDD
Expansion slot	Support 1*Mini PCIE slot (support choose WIFI/BT/3G/4G with SIM slot) 1*HDMI, 2*COM (COM1、2 can be choose RS232/422/485, optional is 6*COM port), 1*power button,
I/O	1*2Pin Phoenix terminal, 1*audio (two in one), 4*USB3.0 (J6412 has 4*USB3.0+2*USB20.) 2*Intel1000M network port(can be customized 4*network port), J6412 has 3*千 1000M network port
Another function	TPM2.0、 autpower when electricity、 Timed power on、 Network wake up、 PXE turn on、 watchdog (0~255)
Expansion function	(Non-standard can be customized): GPIO (8 input 8 output)、 2*network ports、 4*COM port、 2*USB2.0
LCD	Dimension: 10.1inch TFT-LCD; brightness: 350 cd/m ² ; viewing angle: full angle Ratio: 16: 9; resolution: 1280 * 800;
Touch screen	Industrial capacitive touch screen, touch life can reach more than 50 million times;
Speaker	2*8 Ω 2W
Input voltage	DC 9~36Vwide voltage, Support positive and negative electrode protection
Working temp.	0°C ~ +50°C (HDD), -20°C ~ +60°C (SSD), surface air flow
Humidity	5% ~ 95% Non-condensing state
Dimension	271.5 * 190 * 53 mm
Embedded size	262 * 180 mm

ITPC-A113 drawing



Accessory list

Name	Quantity	Note
Power supply	1	12V 5A
		I7-10810U: 12V 7.5A
Power cable	1	CN,UK,US,EU,etc
Qualification	1	Yanling/Neutral
Warranty card	1	Yanling/Neutral
Embedded buckle	4	Install the buckle and screws
Desktop、 wall mounted、 Three-dimensional support	1	Optional

Configuration

Config	Processor	Standard I/O	Internal expansion	Note
Mainstay	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	Please contact our sales staff for details
Non-Mainstay	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	
Mainstay	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	
Mainstay	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	
Non-Mainstay	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	
Mainstay	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*2.5inch HDD/1*minni_PCIE wifi/(4G/5G) alternative	