

A23

15.6 inch Fanless Resistive/Capacitive Touch Panel PC



Standard I/O

J6412 I/O

Features:

- ◇ Aluminum alloy structure, fanless design
- ◇ Onboard Intel Celeron / Core processor
- ◇ Support TPM2.0, support Windows 11 OS
- ◇ Support 9~36V wide-voltage input
- ◇ Support 2*RS232/422/485 COM, Max 6*COM
- ◇ Support 2*Intel LAN, 4*LAN Optional, **J6412 support 3*Intel LAN**
- ◇ Full flat front panel, IP65 grade protection
- ◇ Application OS:



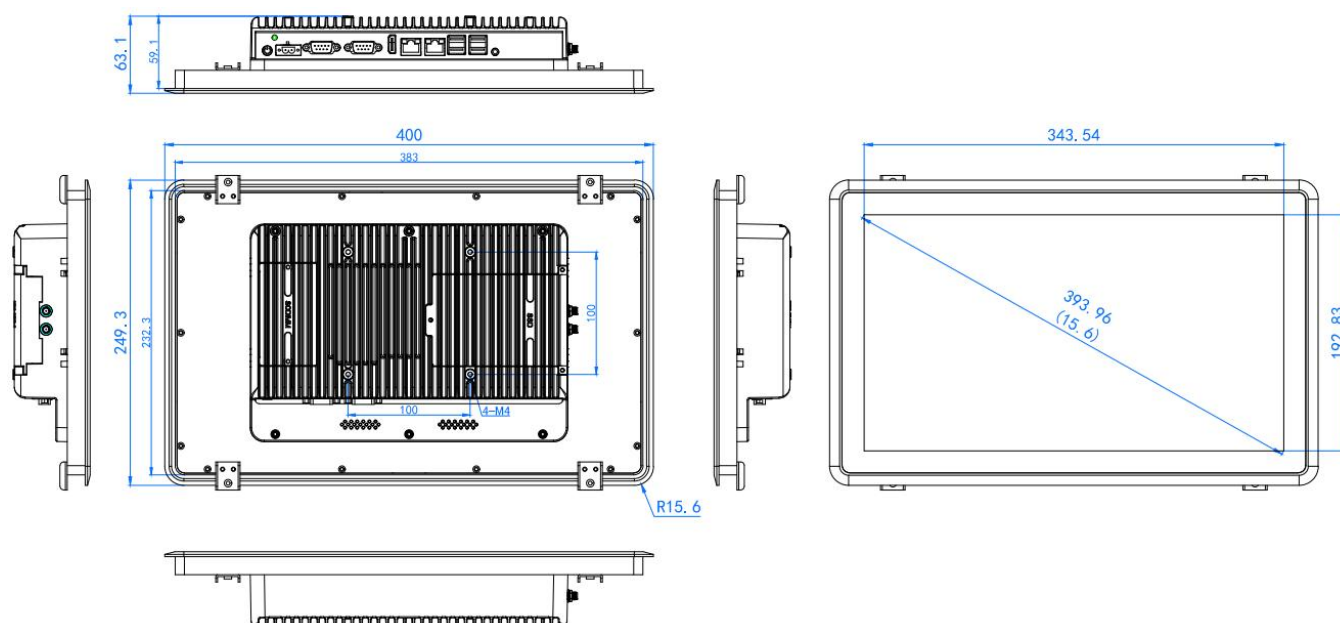
Specification

Model	Partaker A23
Chassis color	Gray (can be customized)
Chassis	Aluminum alloy
Processor	Onboard Intel Celeron J6412 (Quad core quad threads, 2.0GHz, Max turbo 2.6GHz) Onboard Intel Core i3-10110U (Dual core quad 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 i5-10310U (Quad core eight threads, 1.7GHz, Max. Turbo 4.4G, 6MB Cache) Onboard Intel Core i7-10810U (six core twelve threads, 1.1Ghz, Max turbo 4.9Ghz, 12MB Cache)
RAM	Support 1*DDR4 2400/2666/3200 SODIMM memory slot, Max. 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 signal), 1*2.5inch SSD slot
Expansion slot	Support 1*Mini PCIE slot (support WIFI/BT/3G/4G, with SIM card 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 functions)
Expansion options	(Standard shipments do not include this interface): GPIO(8 in & 8 out), 2*Lan ports, 4*COM, 2*USB2.0
LCD	Screen size: 15.6inch TFT-LCD, screen brightness: 400 cd/m ² Screen scale: 16: 9, resolution: 1920 * 1080
Touch screen	Industrial grade resistance (Capacitive optional) touch screen, Life Time: more than 50000 Thousand Times
Speaker	2*8Ω 2V Speaker
Input voltage	DC 9~36V wide-voltage, Support positive and negative electrode protection
Working temp	-10℃ ~ +60℃ (SSD), Surface air flow
Working humidity	5% ~ 95% Non-condensing state
Dimension	400 * 249.3 * 63.1 mm
Embedded	385 * 234.3 mm

Weight 4 kg

Application Industrial automation, medical, logistics, transportation, warehousing, machine vision and other fields

A23 Drawing



Accessories List

Name	Quantity	Specification
Power Adapter	1	12V5A / 12V7A(i7-10810U)
Power Cord	1	Any Plug Optional (China, US, EU, UK etc.)
Embedded Mounting Clip	4	For Standard Embedded Installation

Order Information

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*mini_PCIE wifi/4G
Config 2	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*mini_PCIE wifi/4G
Config 3	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*mini_PCIE wifi/4G
Config 4	Intel Core i5-10310U	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*mini_PCIE wifi/4G
Config 5	Intel Core i7-10810U	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*mini_PCIE wifi/4G

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