

# Partaker A18

10.1 inch fanless capacitive industrial touch panel pc



## Features:

- ◇ Die cast aluminum alloy moluding, fanless design;
- ◇ Onboard Intel Whiskey Lake U Series Processor;
- ◇ Support 9V~36V wide voltage Input, and TPM2.0 security encryption;
- ◇ Support 2\*RS232/RS422/RS485 COM Optional, 6\*COM Optional;
- ◇ Support 2\*Intel LAN, 4\*LAN Optional;
- ◇ IP65 full flat front panel;
- ◇ Applied OS:

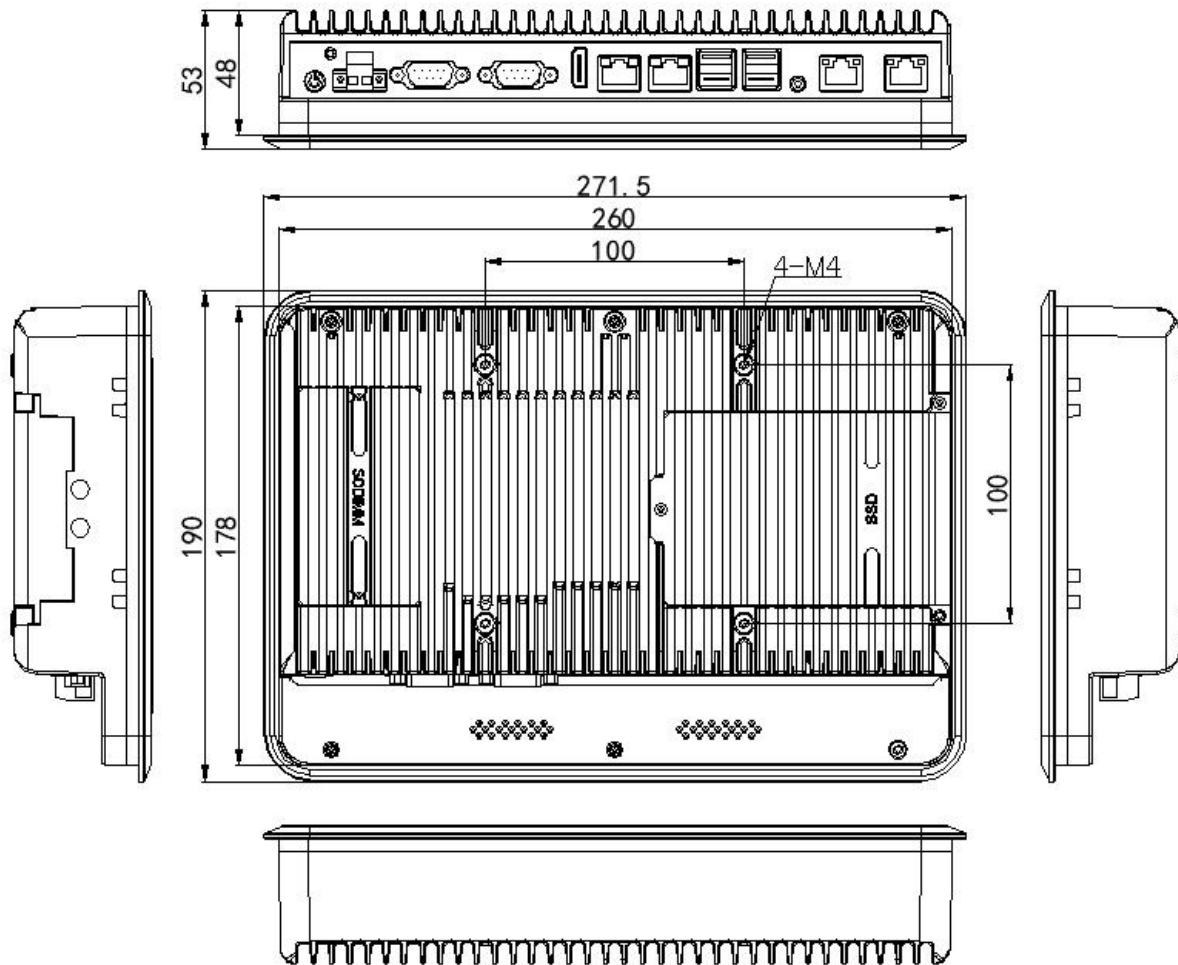


## Specification

Model	Partaker A18 Touch Screen Panel PC
Color	Titanium gray (Color can be customized)
Material	Aluminum alloy chassis
Processor	Onboard Intel Celeron 4205U (Dual core dual threads, 1.8Ghz, 2MB 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*Audio (Support Mic and Speaker at the same time), 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 function)
Expansion Function	GPIO (8 Input 8 Output)、2*LAN、4*COM、2*USB2.0 (Standard version doesn't include these ports)
LCD	Size: 10.1 inch TFT-LCD; Brightness: 350 cd/m <sup>2</sup> ; Viewing Angle: Full Angle Ratio: 16: 9; Resolution: 1280 * 800;
Touch Screen	Industrial grade multi-touch capacitive touch screen, Life Time: more than 50000 Thousand Times;
Speaker	Two 8-ohm 2-watt speaker
Input Voltage	DC 9V ~ 36V wide voltage Input, support positive pole and negative electrode connect reversely protection;
Work Temp	0℃ ~ +50℃ (Commercial), -20℃ ~ +60℃ (Industrial SSD), Surface air flow
Work Humidity	5% ~ 95% non-condensing
Dimension	271.5 * 190 * 53mm

Embedded Installation	262 * 180mm
Weight	2.0kg
Application	Industrial Automation, Medical, Logistics Transportation, Warehousing, Machine Vision, etc.

## A18 Drawing



## Order information

Configuration 1		Intel Celeron 4205U	Standard Port
Configuration 2	A18	Intel Core i5-8260U	Standard Port
Configuration 3		Intel Core i7-8565U	Standard Port

Remark: There is conflict between the expansion function ports' fixed position and the standard version ports' fixed position, so if you need some expansion function ports, please check with us first, thanks.

## Accessories List

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