

Classic X86 Mini PC

It adopts all-aluminum alloy structure, fanless and totally enclosed design, light and compact, with low power consumption. It is an industrial product specially designed for a variety of environments. It has rich interfaces, supports expansion, can meet the access of a variety of external devices, and supports 12V-36V wide voltage power supply; The complete machine has good scalability, practicability and EMC compatibility, and is widely used in industrial control, military industry, communication, power and network and other automation fields.

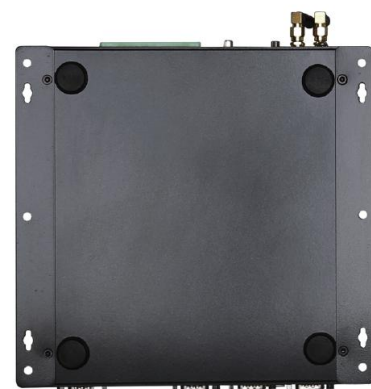
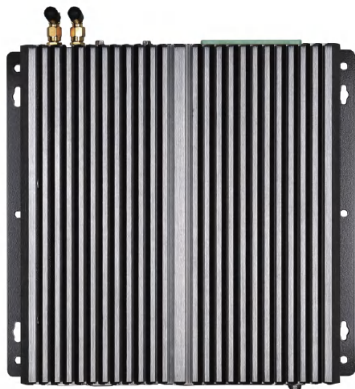
Features >>

- Delicate and compact appearance, convenient installation
- Self-developed X86 architecture motherboard with multiple options
- Fanless totally enclosed design, low power consumption of the whole machine
- High integration, realizing WiFi/Bluetooth/Ethernet triple connection
- Abundant interfaces to meet the needs of various external equipment
- Industrial protection grade, stable system operation



Product Model >>

Product model	Processor		
TPC01-WIPC	Intel Core i3 1215U, 1.2GHz	Intel Core i5-1235U, 1.3GHz	Intel Core i7-1255U, 1.7GHz



Product Installation >>

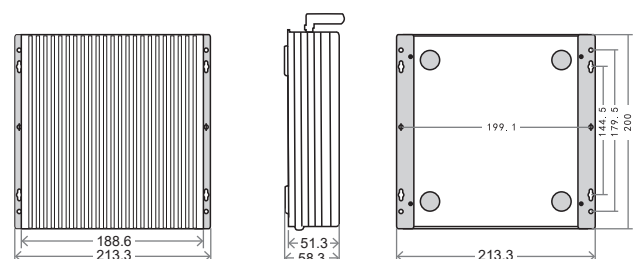


Desktop installation



Rack-mounted

Product size >>



Product Specifications >

Hardware Configuration

CPU	Intel Core i3 1215U, 1.2GHz	Intel Core i5-1235U, 1.3GHz	Intel Core i7-1255U, 1.7GHz
Integrated Graphics	Intel Iris Xe Graphics 64	Intel Iris Xe Graphics 80	Intel Iris Xe Graphics 96
Memory	8G DDR4 (optional: 16/32G)	8G DDR4 (optional: 16/32G)	8G DDR4 (optional: 16/32G)
Hard disk	256G SSD (optional SSD 128G~512G, HDD 500G~1T)		
WIFI	Support 2.4G/5G dual-band WiFi		
Bluetooth	Bluetooth 4.0(optional)		
System	WIN10/11		
Audio chip	Onboard Realtek ALC662 HD audio decoding controller		
Chip card	Onboard 1 * Realtek RTL 811E Gigabit network card		

Interface parameters

Power interface1	1*12P Phoenix terminal (Power supply/RS232*1/RS485*1/GPIO*5)
Power interface2	1*DC 【5.5*2.5mm】 Supporting wide voltage 12V-36V power supply
Power key	1*POWER
USB	4*USB 2.0, 2*USB 3.0
Network interface	2*LAN, 10M/100M/1000M adaptive Ethernet
HDMI	1*HDMI, Supporting HDMI data output, Up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
Audio interface	1*Audio I/O, support audio input and output
COM	4*COM (default: RS232, optional: RS485)
WiFi antenna	2*WiFi antenna

Reliability parameters

Vibration protection	IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis	Working temperature	-10 °C ~60 °C
Impact protection	IEC 60068-2-27, half sine wave, duration 11ms	Storage temperature	-20 °C ~70 °C
Product certification	CCC/CE/FCC/EMC/CB/ROHS	Operating humidity	Humidity: 95% non condensing

Other parameters

Power input	12V-36V power input
Static power	15W
Chassis structure	The aluminum alloy on the case surface has good seismic resistance and impact resistance
Body color	Gun black
Overall size	199.5 * 213.1 * 58.3mm (length * width * height)
Operating Weight	1.9KG
Installation method	Support desktop and rack installation
Warranty policy	Three years (one year free warranty)

Product Installation >

