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
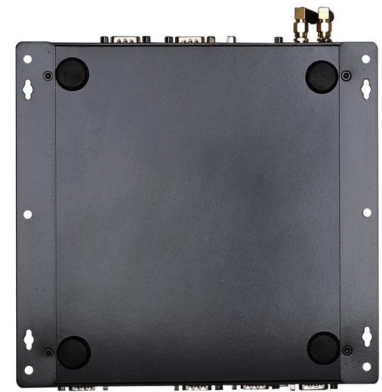- Industrial protection grade, stable system operation

| -10-60°C | 12V-36V | EMC/EMI | Intel I7 | Rich interfaces | 7*24H |

intel CORE i7 6th Gen intel CORE i7 10th Gen intel CORE i7 8th Gen intel CORE i7 7th Gen

ISO FC CE CCC RoHS

Product Model »

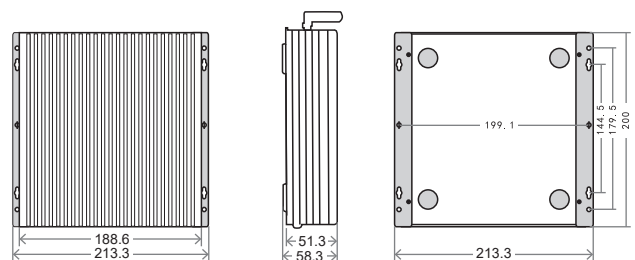| Product model	Processor			
TPC01-WIPC	Intel Core I7-6500U，2.5GHz	Intel Core I7-7500U，2.7GHz	Intel Core I7-8565U，1.8GHz	Intel Core I7-10510U，1.8GHz

Product Installation »

Desktop installation

Rack-mounted

Product size »

199.1
144.5
179.5
200
188.6
213.3
51.3
58.3
213.3

Product Specifications ≫

Hardware Configuration

CPU	Intel Core I7-6500U，2.5GHz	Intel Core I7-7500U，2.7GHz	Intel Core I7-8565U，1.8GHz	Intel Core I7-10510U，1.8GHz
Integrated Graphics	Intel HD Graphics 520	Intel HD Graphics 620	Intel Ultra HD Graphics 620	Intel UHD 630 Graphics
Memory	4G DDR4 (optional 8G/16G)	4G DDR4 (optional 8/16/32G)	4G DDR4 (optional 8/16/32G)	8G DDR4 (optional 16/32/64G)
Hard disk	64GB SSD(optional SSD 128GB-512GB, HDD 500GB-1T)			
WIFI	Support 2.4G/5G dual-band WiFi			
Bluetooth	Bluetooth 4.0(optional)			
System	WIN10/11, Ubuntu14.04.6/16.04.7/18.04.5/18.04.6/20.04.1/20.04.3/20.04.4/22.04/Centos7.8/8.4/7.9/Redhat7.4/Debian10.0/11.6			
Audio chip	Onboard Realtek ALC662 HD audio decoding controller			
Chip card	Onboard 1 * Realtek RTL 811E Gigabit network card			

Interface parameters

Power key	1*Power
Power interface	1*DC【5.5*2.5mm】Supporting wide voltage 12V-36V power supply
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 Out, Support Audio output
COM	6*COM (default: RS232, optional: RS485)
WiFi antenna	2*WiFi antenna
Grounding column	1*Grounding post (GND)

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 ≫

POWER DC   USB2.0   USB3.0   LAN   SIM/HDMI   VGA   Audio Out
DC 12-36V   USB   USB   LAN1 LAN2   HD/SIM   VGA   Audio Out
COM1   COM2   COM3   COM4

COM5   COM6   USB2.0   Wifi   Wifi
COM5   COM6
USB2.0   GND