

4U RACK Industrial Computer

The whole machine adopts metal sheet metal structure design, honeycomb heat dissipation structure with fan efficient heat dissipation design scheme, the whole machine is high performance, is specially designed for the server room rack-mounted environment and design of industrial computers, can ensure long and stable work in harsh environments, in the whole machine materials we pay more attention to its reliability, environmental adaptability, real-time, scalability, EMC compatibility and other performance, configuration compatible Intel 6/7/8/9 generation: Core/Pentium/Celeron i3/i5/i7 independent processors, with high-definition display interface and multiple COM interfaces, USB interfaces, to meet the needs of the field of a variety of application interfaces to provide a variety of work efficiency, widely used in industrial control, military, communications, power, network and other automation fields.

Features >>

- Independent CPU, ultra-high AI computing power, powerful performance
- Industrial-grade quality, suitable for various complex application environments.
- Dual-port gigabit network, faster and more stable data transmission
- Rich interfaces, flexible expansion, easy installation
- Support multiple operating systems, compatible with 99% of the market system software

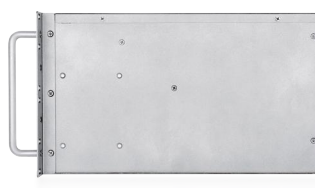


Product Model >>

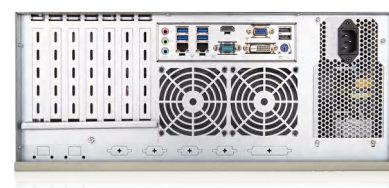
Product model	TPC03-301WIPC
Processor	Intel Core I5-6500 standalone CPU quad-core at 3.2GHz



Front



Side



Back

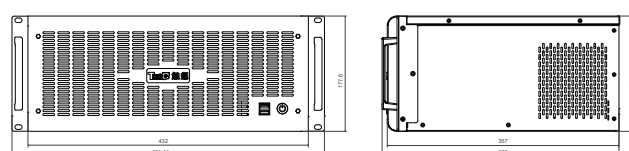
Product Installation >>



Desktop installation

Rack Mount

Product size >>



Product Specifications >>

Hardware Configuration

CPU	Intel Core i5-6500 Standalone CPU Quad-core 3.2GHz	Intel® Pentium/Celeron/6-7 Generation Core i3/i5/i7 Standalone CPU	Intel® Core /Pentium/Celeron 8th-9th generation i3/i5/i7 discrete CPU
Display Chips	Intel® H110	TDP 65W & Intel® H310	TDP 65W
Memory	8G DDR4 (upgradeable 16/32G)		
Hard Disk	Standard: 1T mechanical hard drive with 4 * SATA3.0 + 1 * mSATA support [3]		
Display	1 * VGA DB15 port + 1 * DVI port + 1 * HDMI port		
Audio Chip	Realtek ALC662 5.1 Channel HD Audio Codec , Support 1* MIC + 1 * Line-out + 1 * Line-in		
NIC chip	1 * Intel I211AT + 1 * Intel I219-LM for 1000Mbps		
Heat Dissipation System	Intelligent fan cooling		
Operating System	Windows 7/8/10, Server 2008/2012, Linux		
BIOS	AMI UEFI BIOS		
Power supply	ATX		
COM	Default RS232*1, reserved COM*4; Support: 4 * RS232 + 2 * RS232/RS485 [4]		
USB	8*USB, default USB2.0*4, USB3.0*4		
PS/2	1 * PS/2 (mouse and keyboard 2-in-1)		
RJ45	2*RJ45		
RS232	1*RS232		
Expansion Slots	9 * USB: 4*USB3.0 (Rear I/O) + 2*USB2.0(Rear I/O)+3* USB2.0(Header) 8 * GPIO 1 * LPT Header 1 * SMB Header 1 * Front Panel Header 1 * PCIE 16X Slot 1 * PCIE 4X Slot	1 * PCIE 1X Slot 4 * PCI Slot 1 * PS/2 Connector (keyboard or mouse) 2 * Mini PCI-E 1 * SIM Card Slot 3 * CPU Fan Header	

Reliability parameters

Temperature	Operating temperature: -0 °C ~65 °C,Storage temperature: -20 °C ~75 °C
Working humidity	Humidity: 95% non-condensing
Vibration Protection	IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Impact Protection	IEC 60068-2-27, half sine wave, 11ms duration
Product Certification	CCC/CE/FCC/EMC/CB/ROHS

Other parameters

Power input	220V power input
Static power	35W
Chassis structure	Chassis material: SGCC galvanized plate, surface process: spray oil
Body color	Gun black
Overall size	430*299*176mm (W*D*H)
Operating Weight	7.5KG
Installation method	Support desktop and rack installation
Warranty policy	Three years (one year free warranty)

Product Installation >>

