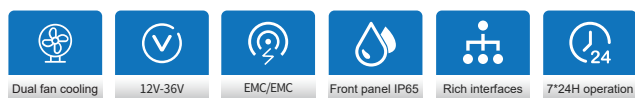# 4U Industrial PC with Display

The front panel is designed with aluminum alloy flat panel, the body is designed with metal sheet metal structure, the honeycomb cooling structure with fan efficient cooling design program, the whole machine for high performance, is designed specifically for the server room rack-mounted environment and designed for industrial computers, can ensure long and stable work in harsh environments. Configured with 9-inch full-view LCD screen and ten-point capacitive touch screen, configuration compatible with Intel 6/7/8/9 generation Core/Pentium/Celeron i3/i5/i7 independent processors, rich interfaces and expansion slots, support a variety of expansion card access, through the PCI/PCIE interface, external video capture card, visual motion control card, light source brightness control card, etc., widely used in industrial control, military, communications, power, network and other automation fields, Communication, electric power, network and other automation fields.

Features »

- Support inter6/7/8/9th Core/Pentium/Celeron i3/i5/i7 independent CPU
- The whole machine design multi-fan cooling intelligent fan cooling
- Dual-port gigabit network, faster and more stable data transmission
- Front panel embedded LCM display module, stylish and beautiful, more convenient human-machine interaction
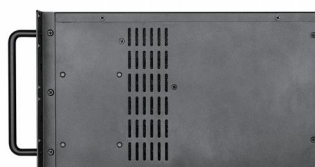- Professional EMC design, with super anti-electromagnetic interference and anti-radiation ability

| Dual fan cooling | 12V-36V | EMC/EMC | Front panel IP65 | Rich interfaces | 7*24H operation |

intel CORE i3   intel CORE i7   intel CORE i5

ISO FC CE CCC RoHS 10

Product Model »

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

9-inch 1024*600 industrial control LCD, ten-point capacitive touch
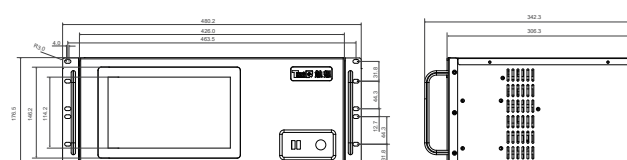
| Front | Side | Back |

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	9-inch 1024*600 industrial control LCD, ten-point capacitive touch		
	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)		
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

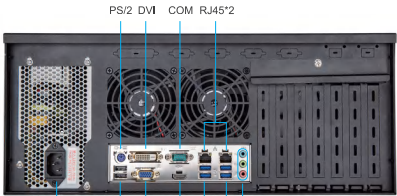|	
Temperature	Operating temperature: -0 °C ~65 °C,Storage temperature: -20 °C ~75 °C
Working humidity	Humidity: 95% non-condensing
Vibration Protection	IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Impact Protection	IEC 60068-2-27, half sine wave, 11ms duration
Product Certification	CCC/CE/FCC/EMC/CB/ROHS

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 ≫

USB2.0*2   Power button (on/off button)

PS/2 DVI   COM RJ45*2

AC220V   USB2.0*2 VGA HDMI USB3.0*4   Audio Interface