

High-Performance X86 Mini PC

The use of all-aluminum alloy structure, fanless fully enclosed design scheme, the machine low power consumption, compact shape, is designed specifically for a variety of environments and industrial products designed to ensure long-term stable work in harsh environments, in the machine's materials we pay more attention to its reliability, environmental adaptability, real-time, scalability, EMC compatibility and other performance, configuration Intel Celeron J4125 quad-core 2GHZ no Fanless motherboard, supporting up to 8G running memory. With a variety of high-definition display interface to meet the needs of a variety of applications interface to provide a variety of work efficiency, widely used in industrial control, military, communications, power, network and other automation fields.

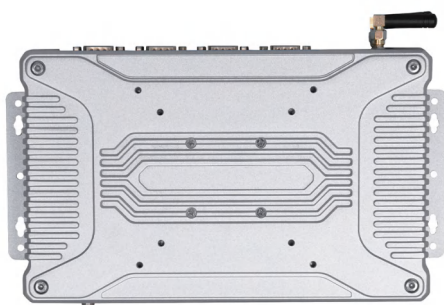
Features >>

- High-precision full aluminum alloy body, fine texture
- Self-developed X86 architecture industrial-grade motherboard, suitable for a variety of complex applications
- Intel Celeron J4125 Quad-Core 2GHz High Performance CPU
- Rich interface, flexible expansion, easy installation
- Support a variety of operating systems, compatible with 99% of the market system software



Product Model >>

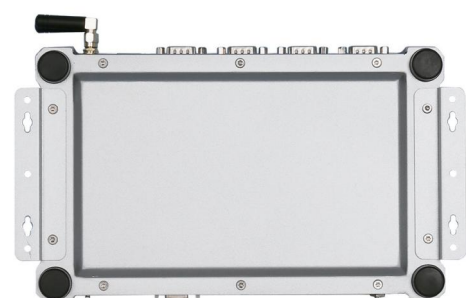
Product model	TPC02-WIPC
Processor	Intel Celeron J4125 Quad-Core 2GHz



Front



Side



Back

Product Installation >>

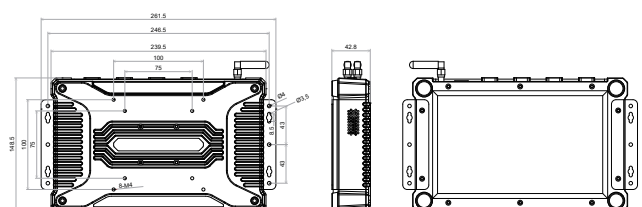


Desktop installation



Rack Mount

Product size >>



Product Specifications >>

Hardware Configuration

CPU	Intel Celeron J4125 Quad-Core 2GHz
Display Chips	Intel Bay trail SOC chipset
Memory	Supports DDR4-2400 MHz, 1 * SO-DIMM slot, up to 8GB
Storage	1*SATA3.0 + 1*mSATA + 1*M.2
Display	1*VGA; 1*HDMI;
Audio	USB Voice Chip, HS-100B, LQFP-48 (7 x 7mm), 2CH DAC with Headphone Amplifier for USB 2.0 Full Speed Operation
Network	2*Realtek PCI-E NIC RTL8111H for 1000Mbps
WiFi	Dual-band WIFI
Bluetooth	BT4.0
Operating System	Win10/11, Ubuntu/Centos
MIC	Optional
RTC Real Time Clock	Support
Timed switch on/off	Support

Interface parameters

DC Port	1*DC 55*25 with thread, can support 12V-36V wide voltage power supply
Display	Support HDMI, VGA data output, maximum support 1080P
USB	4*USB2.0, 2*USB3.0
LAN	2*10M/100M/1000M Adaptive Ethernet
Headphone Stand	3.5mm standard connector
SIM	1*SIM, SIM card standard interface Support various standards (depending on 3G/4G module)
RS232	4*RS232
RS485	1* RS232/RS422/RS485 interchange
GPIO	8*GPIO (input/output) (upgradeable)
RS422	Optional

Reliability parameters

Temperature	Operating temperature: -10 °C ~60 °C,Storage temperature: -20 °C ~70 °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	12V-36V power input
Power output	DC12V/4A
Fuselage Material	All aluminum alloy
Body color	Technology silver, classic black
Bare Machine Weight	1.2KG
Overall weight	1.6KG
Installation method	Support desktop and rack installation
Warranty policy	Three years (one year free warranty)

Product Installation >>

