

ITPC-A116

Intel® Whiskey Lake U Series Processor - 12.1" Touch Panel PC

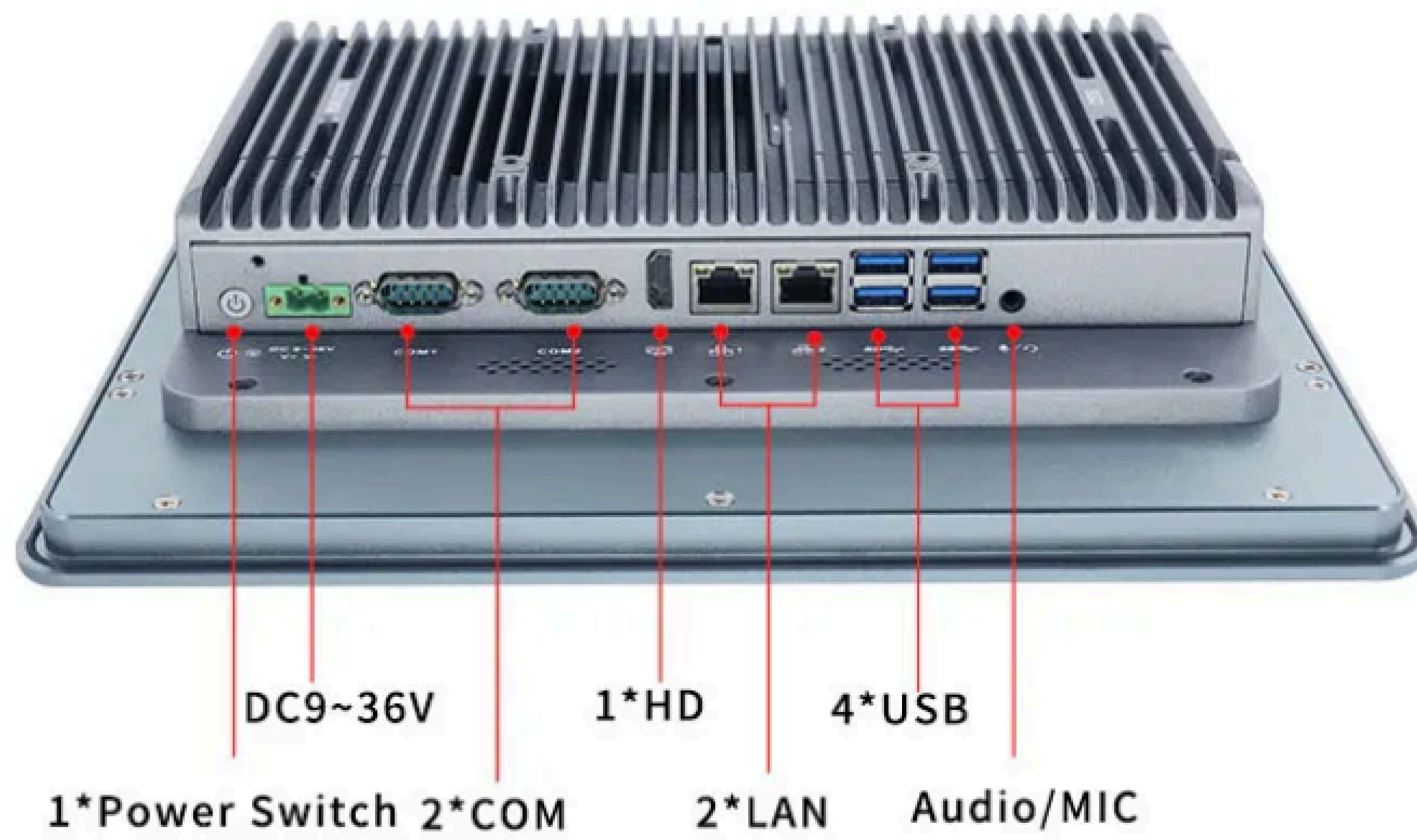


FEATURES

- Fanless Aluminum Design
- Intel® Whiskey Lake U Series Processor
- 2 × RS232/422/485 COM Ports
(6 × COM Ports optional)
- 2 × Intel LAN Ports (4 × LAN Ports optional)
- IP65 full flat front panel
- DC 9~36V

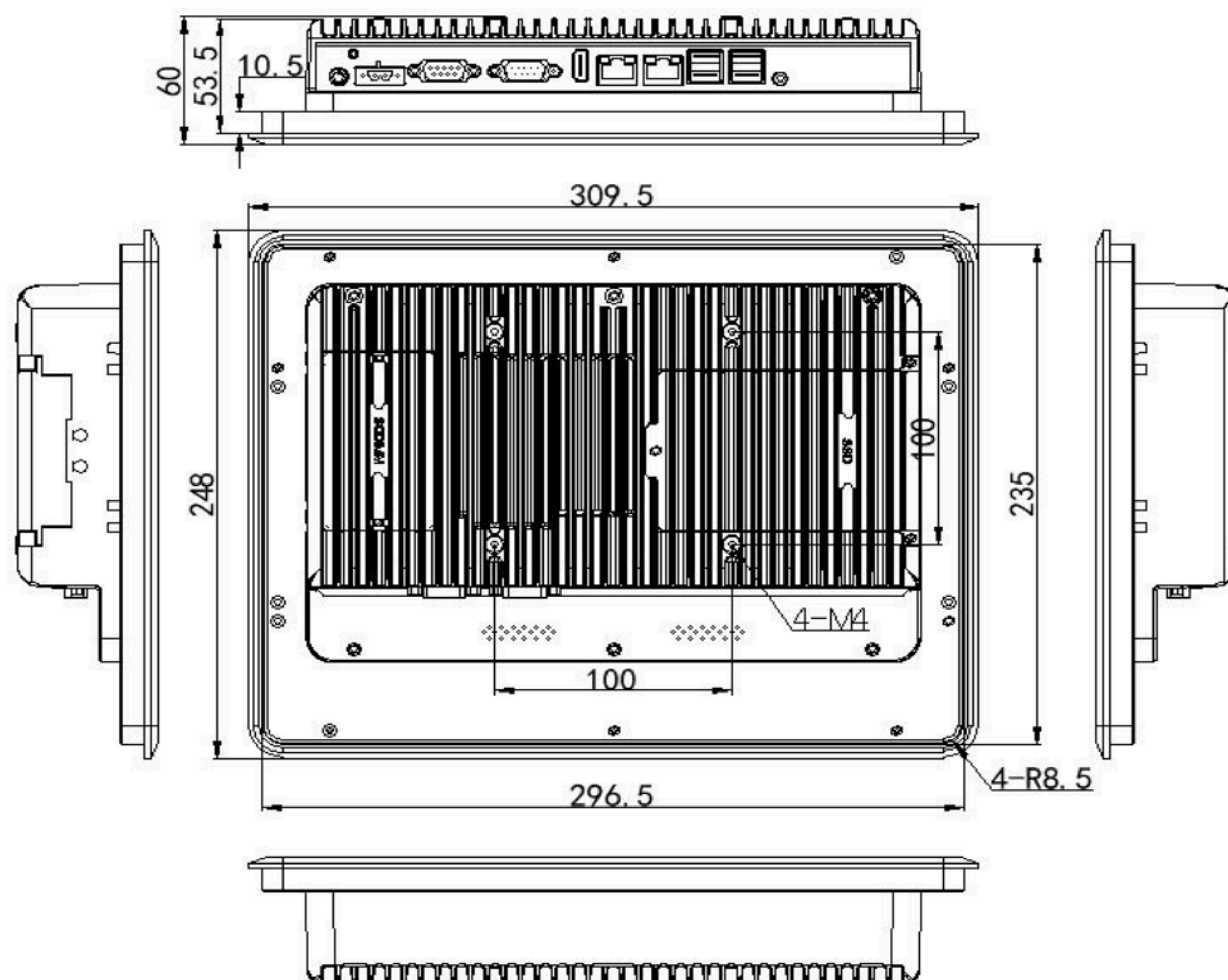
SPECIFICATION

SYSTEM	
Processor	Intel® Cleron® J6412 (quad core four threads, 2.0GHz, Max. Turbo 2.6GHz) Intel® Cleron® 4205U (dual core dual threads, 1.8GHz, 2MB cache) Intel® Core™ i3-10110U (dual core quad threads, 2.1 GHz, Max. Turbo 4.1GHz, 4MB cache) Intel® Core™ i5-8260U (quad core 8 threads, 1.6GHz, Max. Turbo 3.9GHz, 6MB cache) Intel® Core™ i7-8565U (quad core 8 threads, 1.8GHz, Max. Turbo 4.6GHz, 8MB cache)
Memory	1 × DDR4 2133/2400MHz SODIMM, Max. 32 GB
BIOS	AMI EFI BIOS
Display Chip	Intel® UHD Graphics
Display Port	1 × HDMI, 1 × LVDS Support synchronous/asynchronous 2 display
Storage	1 × M.2 2280 (support SATA protocol) 1 × 2.5-inch HDD Support RAID 0/1
Expansion	1 × Mini PCIe (support WiFi/Bluetooth/3G/4G optional, embedded SIM Card Slot) Expansion Ports (standard configuration doesn't include): GPIO (8 Input 8 Output), 2 × LAN Ports, 4 × COM Ports, 2 × USB 2.0
OS Support	Windows 10, Linux
I/O	1 × HDMI 2 × COM Ports (COM1,2 support RS232/422/485, 6 × COM Ports optional) 1 × Power Button 1 × 2 Pin Power Supply Phoenix Connector 1 × Speaker and Mic 4 × USB 3.0 2 × Intel 1000Mbps LAN Ports (4 × LAN Ports optional)
Power	DC 9~36V, support positive and negative electrode protection
Speaker	2 × 8Ω2V
Other Function	TPM2.0 security encryption, Auto power on when there is electricity, Timing boot, Wake on LAN, PXEboot, Watchdog (0~255 level) (standard configuration doesn't include)
Application	Industrial Automation, Medical, Logistics Transportation, Warehousing, Machine Vision, etc.
LCD	
Display Type	12.1" TFT-LCD
Brightness	350 cd/m ²
Viewing Angle	Full Angle
Contrast	4:3
Resolution	1024 × 768
Touchscreen Type	Industrial grade multi-touch resistance touch screen (Life Time: more than 50000 Thousand Times)
ENVIRONMENT	
Operating Temperature	0°C ~ 50°C (Commercial HDD), -20°C ~ 60°C (Industrial SSD), surface air flow
Relative Humidity	5% ~ 95% (non-condensing)
Certification	CE, CCC, FCC Class A, RoHS
MECHANISM	
Dimension	309.5 × 248 × 60 mm
Embedded Size	298.5 × 237 mm
Weight	2.9 kg



DIMENSION

unit:mm



ORDER INFORMATION

ITPC-A116	CPU	Specification
Configuration 1	Intel® Celeron® J6412	Standard I/O
Configuration 2	Intel® Celeron® 4205U	
Configuration 3	Intel® Core™ i3-10110U	
Configuration 4	Intel® Core™ i5-8260U	
Configuration 5	Intel® Core™ i7-8565U	

Note: There is a conflict between extended and standard function. Please consult technical personnel for extended function.

ACCESSORY

Part Name	Quantity	Specification
Power Adapter	1	12V 5A / 12V 7A
Power Cord	1	CN, US, UK, EU etc.
Embedded Mounting Clip	4	For Standard Embedded Installation