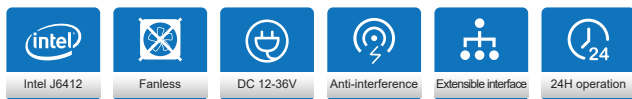


TPC170-W2311-J6412

The appearance of the whole machine is fashionable and simple, with scientific and technological beauty, using a powerful X86 system architecture, combined with industrial-grade design and material selection; The all-metal enclosed body design has good anti-interference ability. It is widely used in industrial control, business interaction, finance, retail, communications, power, network and other automation fields.

Features

- Industrial aesthetic design, stylish and simple appearance
- Pure flat panel dust-proof and waterproof.
- Self-developed X86 architecture industrial motherboard
- Intel Celeron J6412 quad-core 2.0GHz processor
- Comply with EMC anti-electromagnetic interference standard
- Compatible with 99% of industry software, With strong expansibility



Model

Product Size	17"
Non-touch	TPC170-W2301-J6412
Capacitive touch	TPC170-W2311-J6412
Resistive touch	TPC170-W2321-J6412

I/O Interface



Specification

Screen Parameter

Display type	17" TFT LCD screen
MAX.resolution	1280*1204 (5:4)
Viewing angle(H/V)	85/85/80/70 (L/R/U/D)
Luminance (cd/m²)	300 cd/m²
Contrast ratio	1000:1

Touch Parameter

Touchscreen	Projection capacitive touch 10-point multi touch	Resistive touch single point	Non-touch
Light transmission	≥88%	≥78%	≥92%
Controller	USB (COM customized)	USB (COM customized)	/

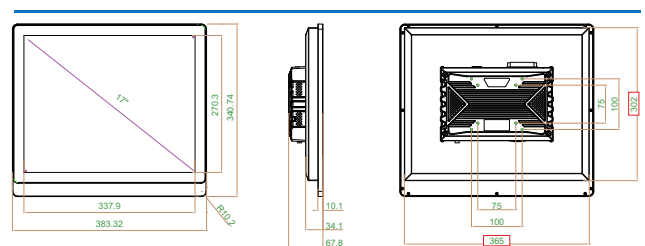
Power Parameter

Power input	DC 12V-36V
Power adapter	24V/2.5A

Configuration

CPU	Intel Celeron J6412, 4 cores/4 wires, frequency 2.00 GHz (Maximum RF: 2.7GHz)	Wi-Fi	Dual Band 2.4GHz+5GHz
Memory/RAM	Standard: 8GB (Supports up to 16GB)	Bluetooth	BT4.0(Optional)
Storage	Standard: 128GB SSD (optional: 128GB/256GB/512GB/1TB/2TB/4TB, etc.)	Watchdog Timer	Support
Integrated graphics	Intel UHD Graphics 16 EUs	RTC real time clock	Support
Operating system	Windows10/11, Ubuntu/Centos/Redhat/Debian	Timer switch	Support

Dimension



Physical Characteristic

Overall dimensions	W383.32 x H340.74x D67.8mm
VESA	75x75mm, 100x100mm, M4 screw hole
Material	Aluminum alloy
Color	Silve, optional black
Installation	Support Wall mounted/Desktop/Cantilever/Boom type/Louwer Embedded, etc.

Interface Parameter

PowerSW	1*PowerSW
Power interface	1*Threaded DC port (Diameter: 5.5*2.5mm)
Phoenix terminal	1*12P Phoenix terminal (DC*1/RS232*1/RS485*1/GPIO*5)
USB	2*USB 2.0, 2*USB 3.0
VGA	1*VGA
HDMI	1*HDMI, Supporting HDMI data output, Up to 4K
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
Ethernet	2*LAN, 10M/100M/1000M adaptive Ethernet
Audio	1*Audio I/O, Support audio input and output
Wi-Fi antenna	2*Wi-Fi antenna
Serial port	1*COM (The default is RS232, optional RS485/RS422)
Speaker	2*(8Ω2W)
Grounding	1*GND

Reliability Parameter

Operating temperature	-10°C~60°C (-20°C~70°C can be customized)
Storage temperature	-20°C~70°C
Relative humidity	95% non-condensing