WEBICC PANEL

Industrial Touch Screen All in One Panel PC with 3 mm Front Bezel pre-installed with WEBICC scada/hmi software.

NEW

CCC, CE,FCC,RoHS,ISO

Features

- Aluminium alloy Enclosure
- Industrial grade A LED panel
- Low consumption
- Power supply: 12V-36V
- Industrial grade board
- EMI/EMC/Flame-proof/Damp proof/ Anti-static/Anti-surge
- IP65 seamless front surface
- Working Temperature: -10°C ~°60 C
- Auto-power on
- 7days*24hours running
- Intel CPU, Win10 Pro /Linux
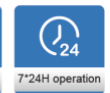
Fanless cooling | High performance | IP65 waterproof | Rich excuses | 7*24H operation

Introduction

Industrial all in one panel PC with industrial LCD monitor and touch screen for flexible control in multiple applications. Touch Panel PC IP65 waterproof and dust-proof computers are the perfect solution for outdoor applications. Full flat touchscreen bezels make the all-in-one PC easy to clean and maintain. They are built with industrial-grade components. High precision aluminum alloy architecture, fully enclosed design, fan less I series high configuration motherboard, and high-speed storage solution. Support embedded, desktop, wall mounted and other diversified installation methods to meet the application needs of different devices in different environments.

Features Hardware

Touch TPC-QD2-XXX-XX-WEBICC PANEL (10"- 23,8") industrial grade all in one computer with LCD touch screen display offer many installation styles, such as desktop, embedded, wall-mounted, panel mount, VESA.

1. Color of the all-in-one PC: black or silver.
2. These industrial computers have passed IP65 rated dustproof and waterproof standards.
3. Conform to EMC anti electromagnetic interference standard.
4. Industrial protection, applicable to various harsh environment.
5. Equipped with dual networks, supporting 12-36V wide voltage power supply.
6. Working temperature range is -10~60 Celsius degree, working humidity range is 10%~90%.
7. Support long-term, all-weather operation, 365 days*24 hours, and without interruption.
8. Customizable front panel thickness, 3mm or 10mm, suitable for embedding into other cabinets.
9. Aluminium alloy shell, high performance for heat-dissipation than ordinary metal material.
10. Configurable hardware and software.

Features Software

WEBICC is a SCADA/HMI software platform pre-installed on the Touch Panel PC 100% configurable, developed on web technologies for viewing industrial processes both locally and remotely. It uses a new technological concept that allows the editing and running of the SCADA software project. It is an intuitive configurable software that allows a RAD (Rapid Application Development) type development. Contains a suite of configurable modules specific to SCADA applications for:

- communication with hardware equipment,
- tag management,
- event alarms,
- historical data,
- synoptic screens,
- the role of users,
- report generation,
- programming particular functions through scripts,
- tag simulation,
- troubleshooting logs,

- web acces,
- and more
More information: https://webicc.eu

Robust industrial surface

Seamless flat panel
The seamless flat panel is up to IP65 dustproof and waterproof grade and can effectively prevent the dust and water droplets from entering the inside of the Panel PC

Industrial LCD screen
Adopting LED backlight technology, with colorful picture, high brightness, good contrast, wide viewing angle and longer life

Smooth accurate-touch experience
Capacitive/resistive/non-touch optional, accurate and sensitive touch, quick response

Universal front frame design
Front frame Arc chamfering, universal appearance design and multiple installation methods such as desktop/embedded/wall-mounted

Industrial technology sense design

Aluminum Alloy Housing
Designed for industry, escort you to achieve stable and reliable high-performance computing

Enclosed fanless cooling
Large-surface aluminum fin passive heat dissipation device makes the overall heat dissipation effect be improved several times

More scalable interfaces
meet the power supply and data transmission functions and the expansion needs of more scenarios

LOGO

WEBICC TPC logo

Dust-proof horn hole
The dust-proof net design of the speaker surface has good sound penetration and dust-proof effect

Waterproof tape
Effectively block the penetration of water vapor and dust and relieve shock and vibration

| Industrial-grade high standards | multi-touch modes | multiple size options | multi-environment adaptation | multi-interface expansion | 7*24H stable operation | dustproof and waterproof | professional technical support |

Overall feature

Moisture and corrosion protection
The motherboard can be painted with three anti-paints: moisture-proof, anti-leakage, dust-proof, corrosion-proof, Anti-aging, corona resistance and other properties

High and low temperature resistant design
Use industrial grade wide temperature motherboard, support 10° to 60°C wide temperature operation
Custom ultra-wide temperature: 20°C~70°C

Waterproof and shockproof
The internal parts of Panel PC are fixed by combined screws, which effectively reduce vibration and the body is equipped with waterproof rubber strip

EM/EMC level anti-interference standard
The motherboard adopts active ESD protection circuit design, with anti-interference and anti-magnetic design

Lightning protection
The motherboard is equipped with conductive capacitors, which can effectively guide lightning to conductive capacitor, protect the main board of the Panel PC

Withstand voltage
With over-current, over-voltage and reverse connection protection measures, solid-state filtering in the board
Capacitor withstand voltage 36V105 degrees

Anti-static
Standard: Port contact 4KV air 8KV,
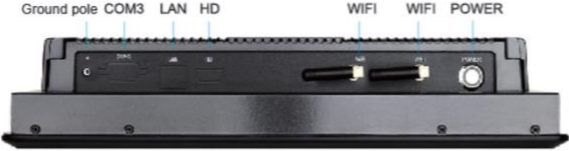Custom: port contact 6KV air 16KV

Anti-surge
High protection anti-surge, if voltage rises 280V instantly, Panel PC and Adapter will operate stably

Multi-mounting Methods for Different Application

X86 AIO PC I/O Port

There are slight differences between various types interfaces, Image shown here is indicative only. Actual product you receive may differ.

Applicable environment

| High and low temperature environment | Humid water droplet environment | powder and oil pollution environment | Electrostatic environment | EMI environment | Vehicle vibration environment | Voltage instability environment | Outdoor lighting environment |

Product Specifications

Hardware configuration Intel Core I3

CPU	Intel Core I3-6100U	Intel Core I3-8145U	Intel Core I3-10110U
CPU frequency	2,3 GHz	2,1 GHz	2,1 GHz
Integrated graphics	Intel HD Graphics 520	Intel HD Graphics 620	Intel HD Graphics 620
RAM	8G DDR4(Optional 16/32GB)		
Storage	128G SSD (Optional 256/512G)		
System	Windows 10 Pr0/Linux (Debian, Ubuntu)		
WIFI	2,4Ghz/5GHz dual bands		
Bluetooth	BT4.2		

Hardware configuration Intel Core I5

CPU	Intel Core I5-6200U	Intel Core I5-7200U	Intel Core I5-8265U	Intel Core I5-10210U
CPU frequency	2,3 GHz	2,5 GHz	1,6 GHz	1,6GHz
Integrated graphics	Intel HD Graphics 520	Intel HD Graphics 620	Intel Ultra HD Graphics 620	Intel UHD 620 Graphics
RAM	8G DDR4(Optional 16/32GB)			

Storage	128G SSD (Optional 256/512G)	
System	Windows 10 Pr0/Linux (Debian, Ubuntu)	
WIFI	2,4Ghz/5GHz dual bands	
Bluetooth	BT4.2	

Hardware configuration Intel Core I7

CPU	Intel Core I7-6500U	Intel Core I5-7500U	Intel Core I5-8565U	Intel Core I5-10510U
CPU frequency	2,5 GHz	2,7 GHz	1,8 GHz	1,8GHz
Integrated graphics	Intel HD Graphics 520	Intel HD Graphics 620	Intel Ultra HD Graphics 620	Intel UHD 630 Graphics
RAM	8G DDR4(Optional 16/32GB)			
Storage	128G SSD (Optional 256/512G)			
System	Windows 10 Pr0/Linux (Debian, Ubuntu)			
WIFI	2,4Ghz/5GHz dual bands			
Bluetooth	BT4.2			

Touch Screen

Capacitive Touch	Touch screen type: 10 point touch projection capacitive screen Light transmittance >=88% Input mode: handwriting or capacitive pen Controller communication: USB
Rezistive Touch	Touch screen type: single point rezistive touch screen Light transmittance >=78% Input mode: Fingerttip or stylus Controller communication: USB

Environmental

Working Temperature	-10 °C ~ 60 °C
CPU frequency	-20 °C ~ 70 °C
Integrated graphics	Humidity: 95% Non-Condensing

Other

Power Input	AC 100-240V 50/60Hz CCC and CE certification
Voltage Input	DC 12V ~ 36V
Static Power	18W
Fuselage Properties	Body material: aluminium alloy, body color: technical silver, classic gun black
Warranty Policy	One year free warranty (optional three years)
Installation Method	Embedded installation is recommended, supporting wall mounted, desktop mounted, cantilever mounted, boom mounted, etc.

I/O Interface

DC	1*DC2.5(DC 12-36V)
USB	2*USB 3.0, 2*USB 2.0
LAN	2*LAN, 10M/100M/1000M adaptive Ethernet
HDMI	1*HSMI, Support HDMI data output, maximum support 1080P
SMI Card	1*SOM, SIM card interface standard interface support various formats (depending on 3G/4G module)
VGA	1*VGA
AUDIO	1*AUDIO I/O (Optional audio input and output)
RS232	2*RS232(Optional: RS 485, RS422)
Industrial Terminal	1*industrial terminal
OTHERS	1*Power, 1*GEN, 2*WIFI

All product specifications are subject to change without notice | www.aegcom.eu

SCREEN SIZE