Fanless Structure Industrial PC with I3 CPU and 64G SSD 18.5 Inch True Flat Wall Mount

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: WPNA
- Certification: CE/FCC/RoHs/ISO9001/CCC
- Minimum Order Quantity: 50 units
- Price: Negotiable
- Packaging Details: carton, bubble bag, stecth film
- Delivery Time: 15-30 workdays
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 10000 Piece/Pieces per Month

Product Specification

- Product Name: Industrial AIO Pc
- Type: Embedded Computer, Capacitive
- Model Number: GK185
- Touch Screen Type: 10-Point Capacitive Touch
- CPU: J1900/I3/I5/I7/RK3288/RK3399
- RAM: 4GB/8GB/16GB/32GB Optional
- SSD: 128G/256G/512G/1TB/2TB
- Operating System: Win 10/11/linux/Ubuntu
- Warranty: 1-Year
- After-sales Service: Call Center And On-line Technical Support, Onsite Training And Inspection, Free Spare Parts, Return And Replacement, Repair, Others
- Highlight: **i3 cpu touch screen panel pc**, **i3 cpu industrial touch screen pc**, **18.5 inch touch screen panel pc**

More Images

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Our Product Introduction

Product Description

18.5 Inch True Flat Industrial Wall Mount Pc J1900 I3 I5 I7 Fanless Structure Industrial Pc

Selling Points

Military quality: passed the harsh environment test, high and low temperature resistance, salt spray resistance
Extreme adaptability: -40 ~80 operation, adapt to deserts and polar regions
Triple-proof design: IP68 protection, dustproof, waterproof and corrosion-resistant
Various touch screens: 10~24 inches optional, support visibility in sunlight
Industrial interconnection: support OPC UA, MQTT and other IoT protocols
Anti-electromagnetic interference: passed IEC61000-4-4 certification
Modular architecture: expandable 5G/AI acceleration module
Real-time control: μs-level response to meet the needs of high-speed production lines
Silent heat dissipation: zero noise thermal conductivity design, 24/7 operation
Dual system redundancy: Linux+Windows dual system disaster recovery
Fast integration: SDK is provided, and secondary development is convenient
Supply chain guarantee: 15 years of life cycle management
Flexible size: from compact to large chassis optional
Special certification: complete classification society/explosion-proof certification
Scenario customization: optimize software and hardware according to industry needs

Technology

High-strength carbon fiber composite materials are selected, and compression molding and nano-coating technology are used to achieve lightweight and super corrosion resistance; the internal modular architecture supports free configuration of touch screen size, and it has passed IP69K protection certification and -40 ~85 high and low temperature cycle testing to meet the extreme environmental requirements of special industries.

Theory

The industrial control all-in-one machine integrates edge computing and industrial communication technologies, and realizes device interconnection through a real-time data bus. It adopts an all-metal sealed body and shock-resistant design, adapts to extreme environments of -30 ~70 , supports customized touch screen size and industrial-grade interactive interface, and can flexibly expand functional modules to meet the intelligent monitoring and control needs in the fields of energy, transportation, etc.

Usage

Automated production line: collaborative control of industrial robots
Precision machining: CNC machine tool parameter monitoring
Dust-free workshop: semiconductor production environment management
Smart packaging: automatic identification of packaging specifications
Energy monitoring: substation equipment operation and maintenance
Scientific research experiments: instrument data collection and analysis
Heavy machinery: engineering vehicle control interface
Special transportation: mining truck interactive system

Features

* System optional: android or win 10/11, linux, ubuntu or industrial display, supports customization
* Installation method: desktop, VESA, embedded, wall-mounted, etc.
* 10-point capacitive touch/resistive touch/non-touch optional, high brightness optional
* A+ panel, seamless design, IP65 waterproof, dustproof and explosion-proof * Simple and smart design rolled into one.
* Work 24/7 * A variety of I/O ports to meet customer needs.
* Provide SDK to support secondary development.

		Parameter
Product form	Product name	Industrial Tablet PC
	size	10.4/12.1/13.3/15.6/18.5/21.5/23.6/27Inch
	Overall weight	3-7KG
CPU	Intel	J1900/I3/I5/I7(Optional)
GPU	integrated graphics	Intel HD Graphics
RAM	DDR3	4G/8G/16G (Optional)
SSD	MSATA SSD	128G/256G/512G (Optional)
display	15.6Inch	Resolution 1920*1080 scale 16:9/4:3 (Optional)
HDMI port	Audio and video output	HDMI support 1080P 60Hz 2K 60Hz 4K 30Hz
VGA port	Audio and video output	VGA support 1080P
COM port	Data input and output	One or more than two (optional)
Standard accessories		
enclosure	Standard configuration	
	The power adapter x1	12V

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	power cord x1	

IP65 Water- and Dust Proof
Its flat edge to edge glass front panels, and a
patented silicone rubberized seal

Industrial Panel PC

Different configuration windows: J1900 i3 i5 i7
Linux
Android: RK3288 RK3399
Capacitive touch
Resistive touch

Windows 7 | Windows 10 | Android | Linux | Capacitive touch screen | All in one industrial pc

Multiple sizes available

capacitive touch(standard), non touch(optional)

*Means resistive touch is available

Inch	Resolution	Ratio
10.4"	800*600	4:3(Square panel)*
12.1"	1024*768	4:3(Square panel)*
17"	1280*1024	4:3(Square panel)*
15"	1024*768	4:3(Square panel)*
19"	1280*1024	4:3(Square panel)*

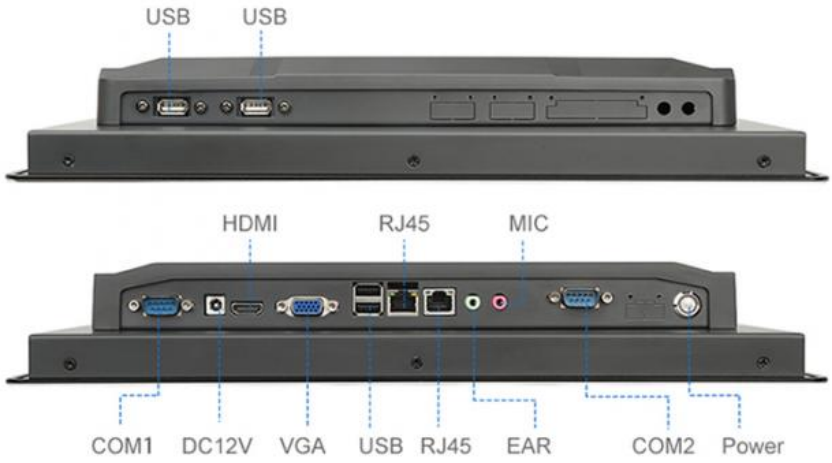
Inch	Resolution	Ratio
13.3"	1366*768	16:9(Wide screen)
18.5"	1920*1080	16:9(Wide screen)
15.6"	1366*768	16:9(Wide screen)
21.5"	1920*1080	16:9(Wide screen)*
for other size, please contact pre-sales serviece.		

Multiple Size

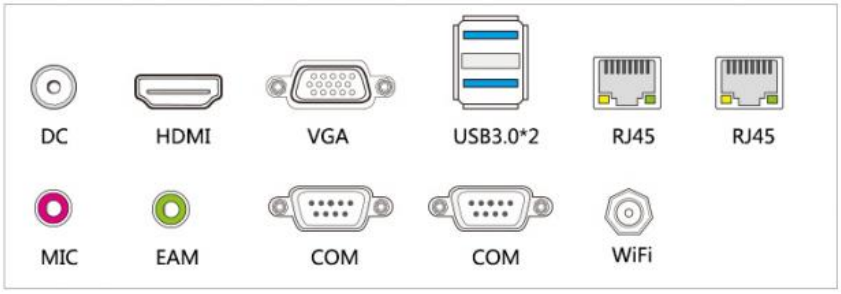
Flexiable Installation

Product Interface Diagram

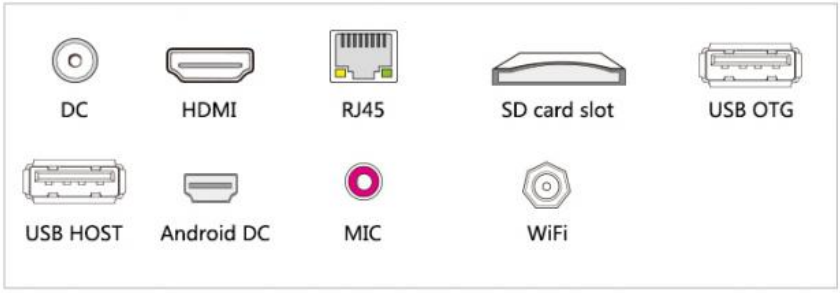
Multiple interfaces to meet your various needs



Windows industrial all in one panel pc ports



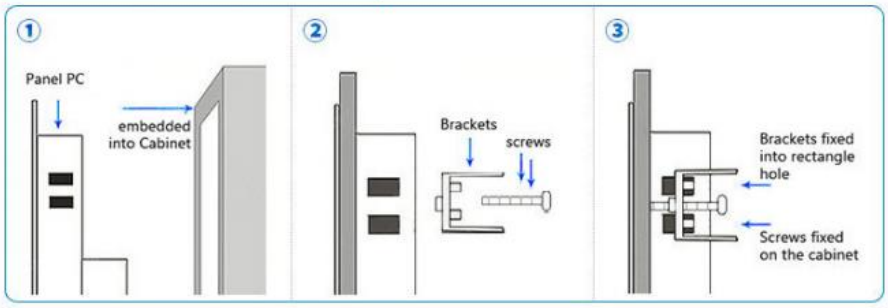
Android all in one panel pc ports



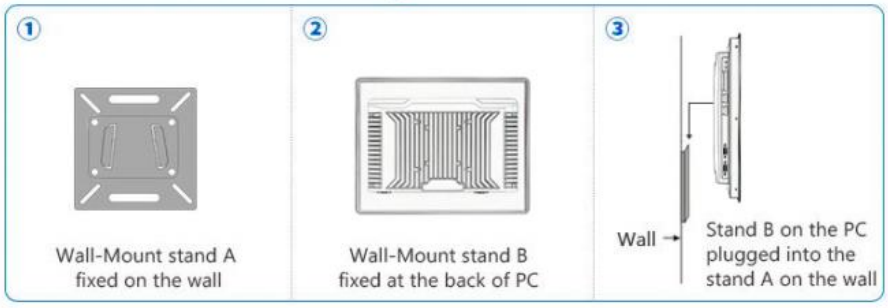
Installation Method

A variety of installation methods can be applied to different scenarios

Embedded installation steps:



Wall-Mount installation steps:



Picture of Embedded installation

Wall-Mount installation

Wall-Mount long stand installation

Products Show

Aluminum alloy design

Air circulation design

Dustproof design

Interface display

Suitable for all kinds of applications

Our products meet different scenarios and different environments

Production workshop

Medical equipment

Intelligent Express

monitoring system

Robot interface

CNC computer

industrial automation

industrial computer

Machine tool control

Application field

3mm ultra-thin seamless flat panel for embedded, closely fits the cabinet, industrial-grade standards, overall dustproof, IP65 waterproof, anti-corrosion, high and low temperature resistance, anti-electromagnetic interference.

Industrial intelligent cabinet

industrial control,CNC machine, production equipment,Cutting Machine ,etc

Commercial self-service equipment

Self-service vending machine,cash register, Bank,government hall,post office,etc

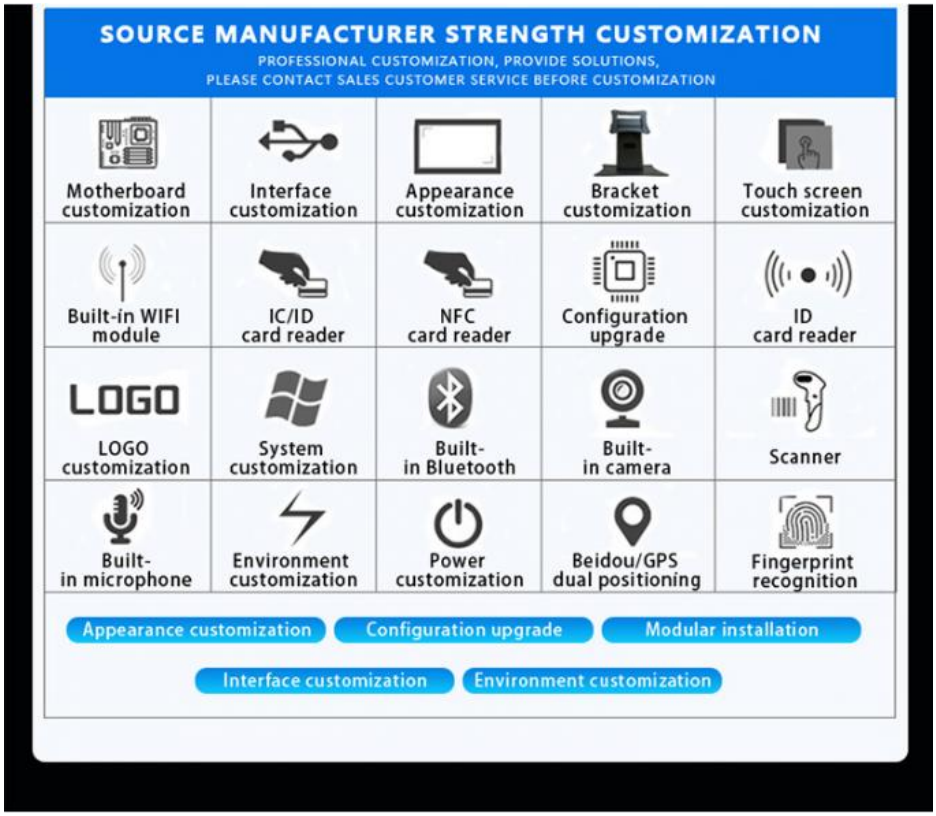
Smart city service equipment

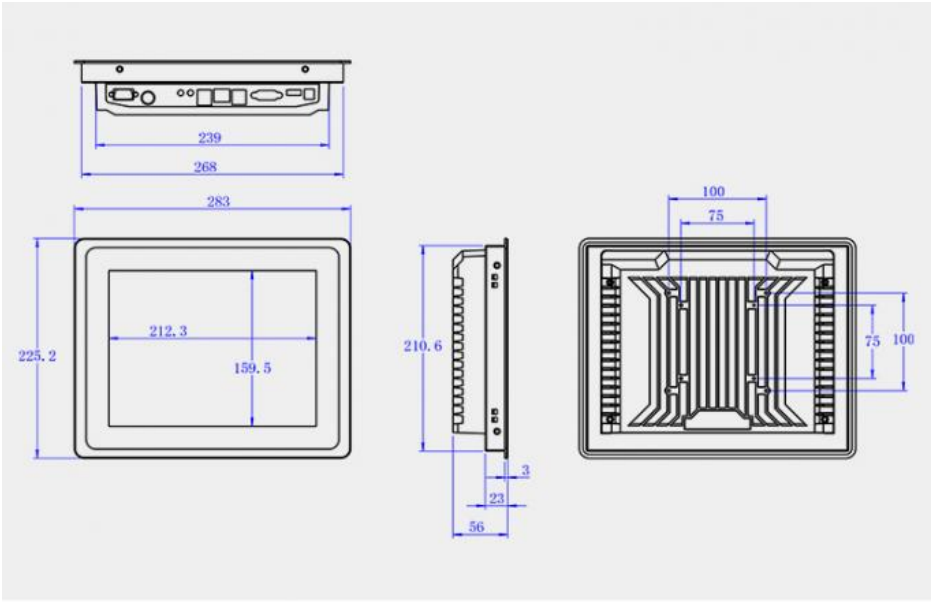
Courier cabinet,Charging pile,Bar,Self parking payment ,Self-service car wash,Public outdoor equipment,etc

Medical equipment

Self-service appointment/payment/fetching /printing/medical imaging equipment , Medical mobile cart ,etc

Also can be used for power/security cabinets, Smart storage cabinets Rail transit intelligent equipment, Visual inspection equipment, etc.

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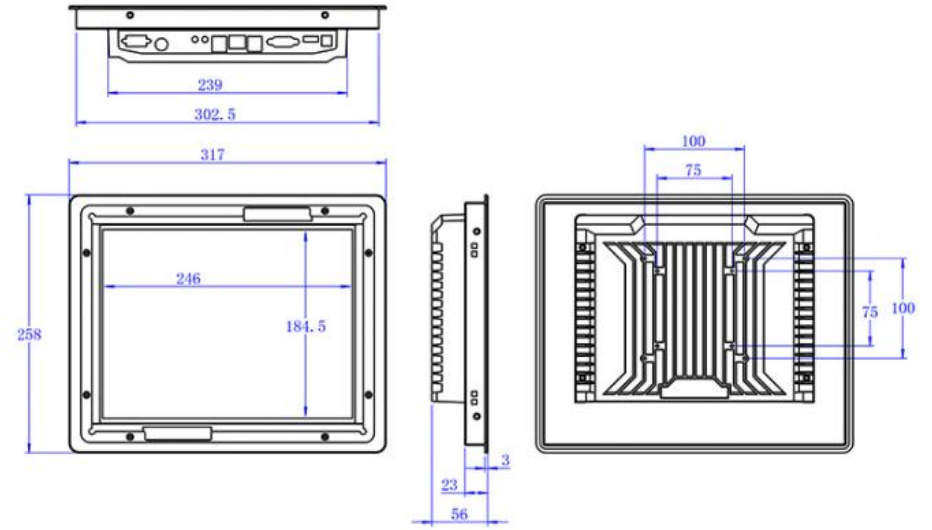
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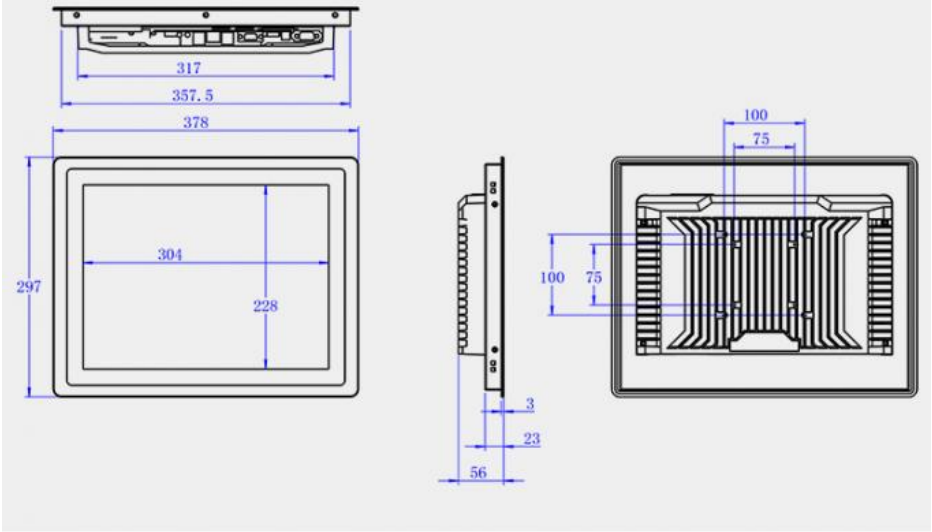
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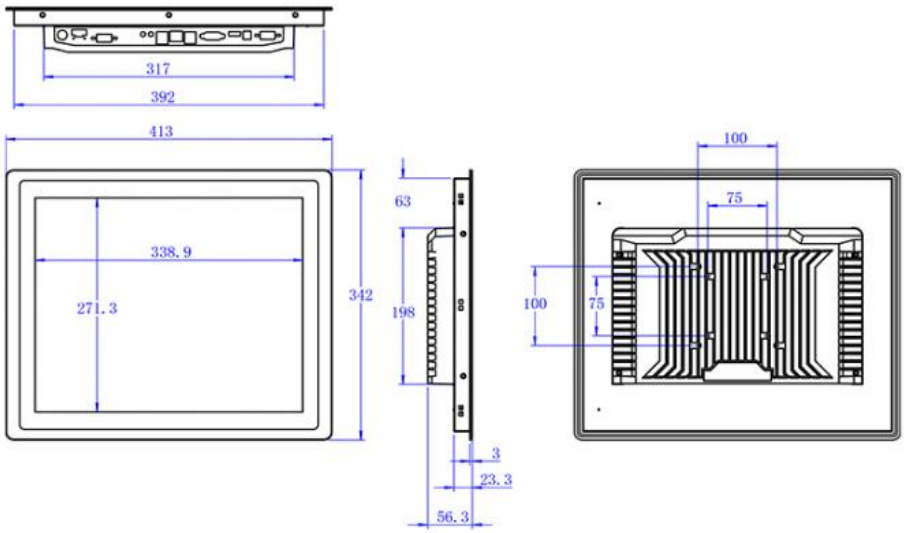
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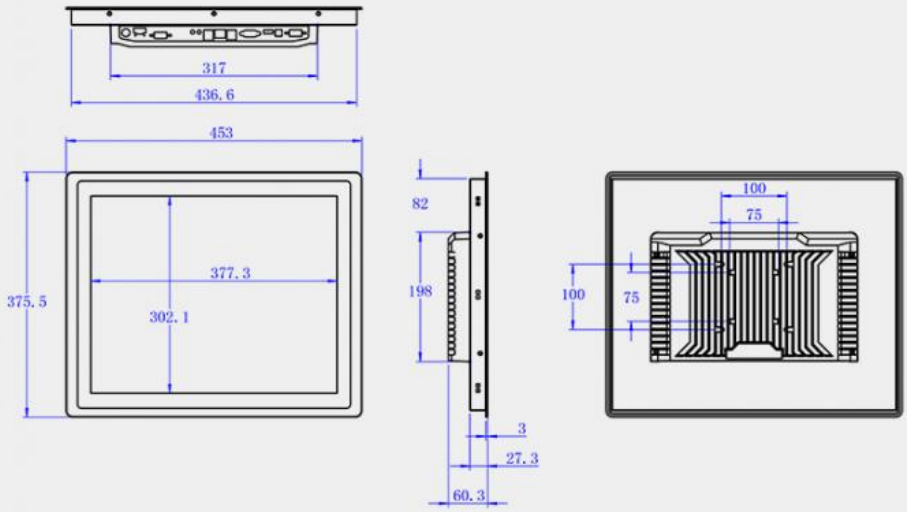
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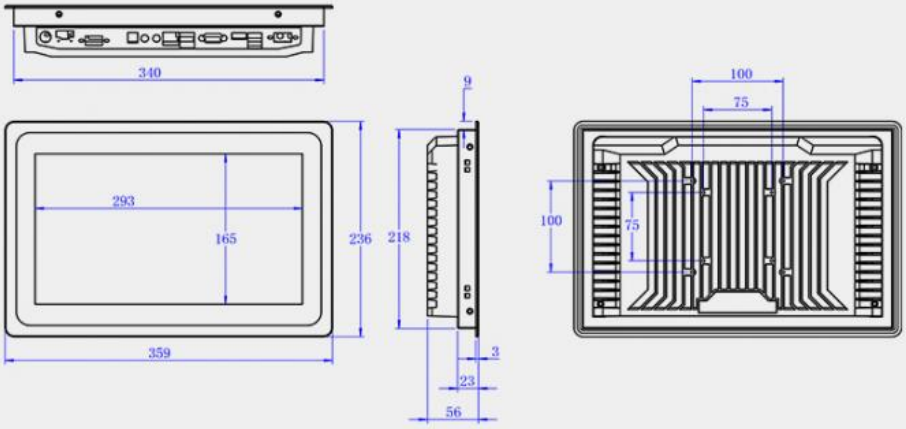
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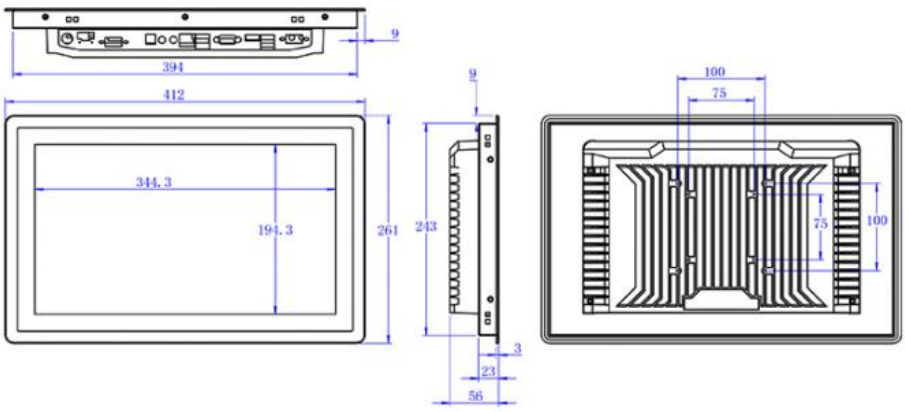
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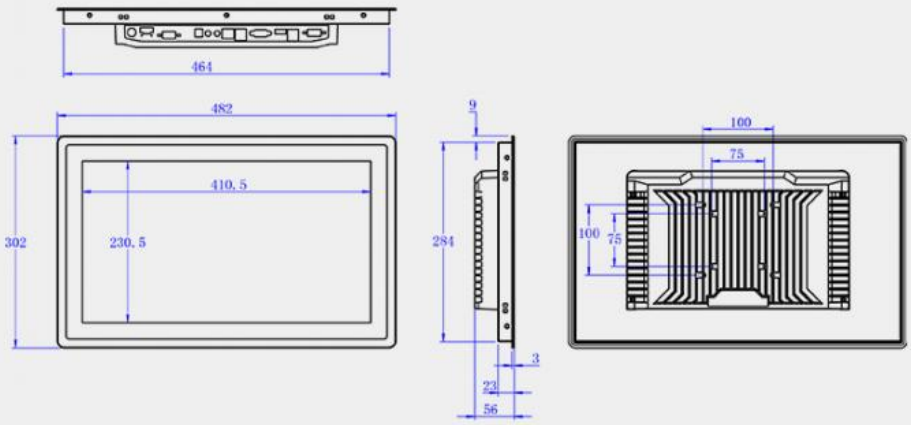
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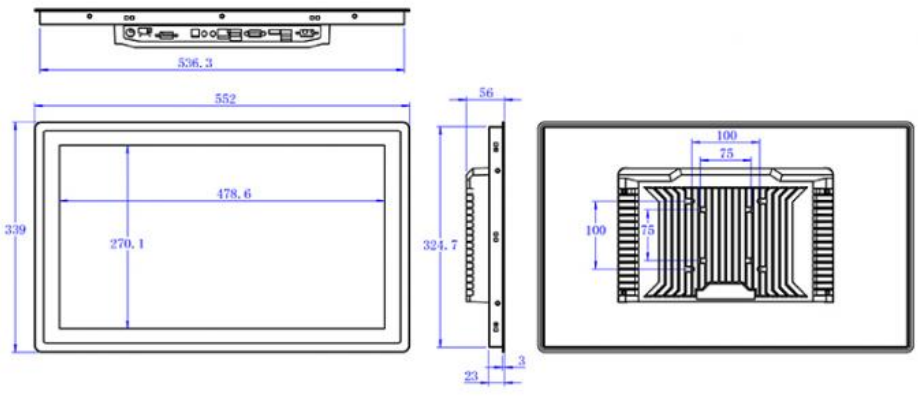
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Packing list

Pc

Embedded buckle

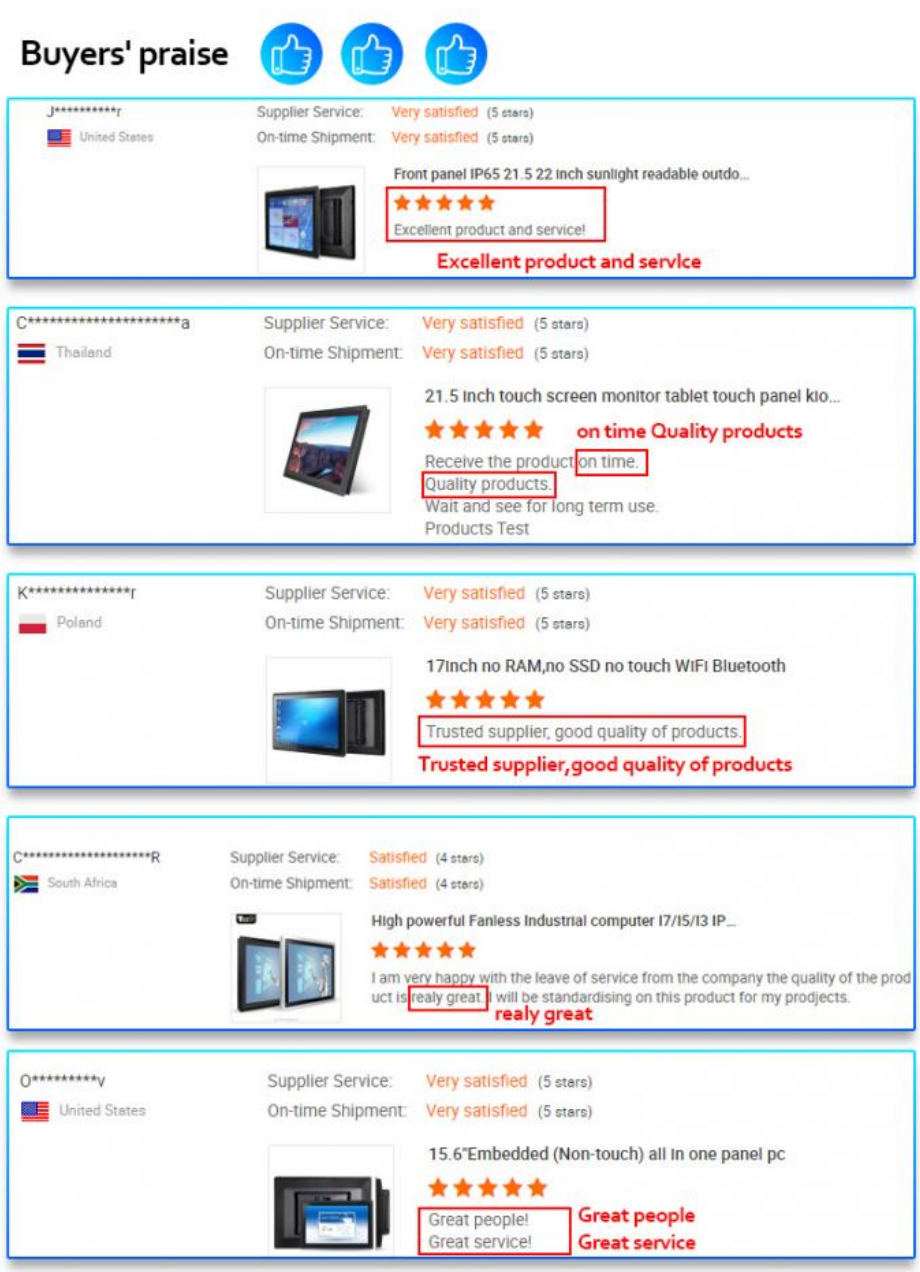
Power cable

Adapter

Product Manual
Warranty Brochure

High-density pearl
cotton shockproof protection

Carton package



Certifications

Company Information

Guangzhou Weipuna Technology Development Co., Ltd. is a factory manufacturer that mainly pro- duces advanced high technology products of r& D, manufacturing and sales of all-in-one computer, mini pc, touch screen monitor, smart teaching& conference panel and laptop computer. Under joint efforts of our professional R& D technology team, we will commit to manufacturing and provid- ing more high end products to global market in the future.

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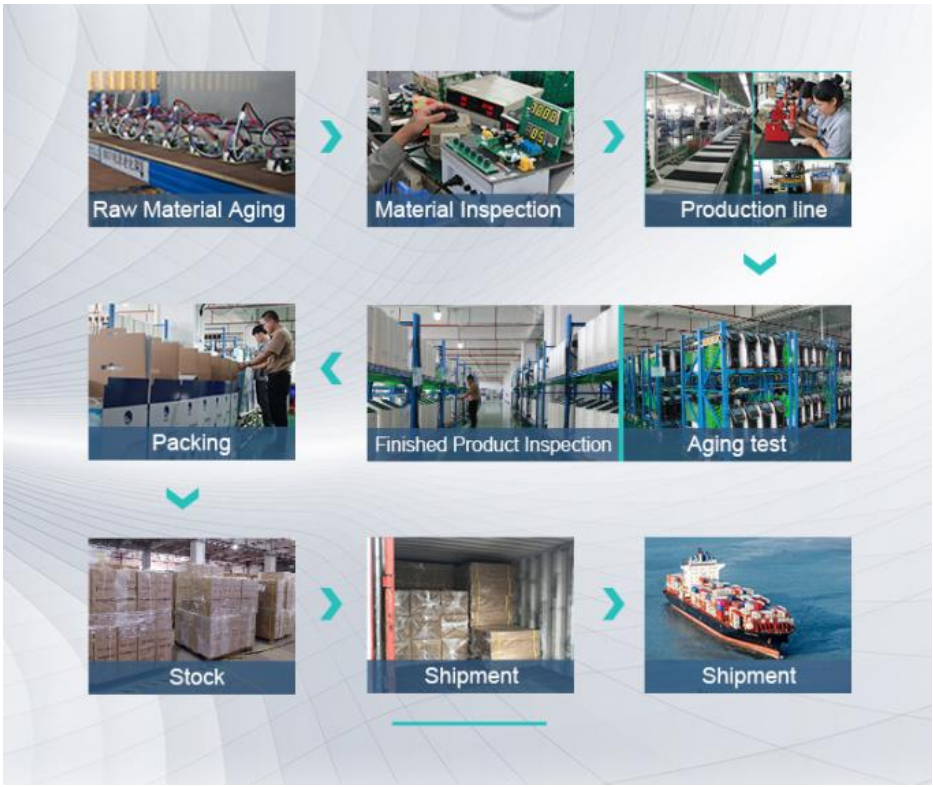
老化区

WEIPUNA
用心塑造 品质科技

2025
2025玮普纳迎新年会暨年度颁奖盛典
2025 WEIPUNA NEW YEAR'S PARTY AND ANNUAL AWARDS CEREMONY
感恩同行 共创辉煌

Packing & Shipping

Canada
America
Mexico
Colombia
Brazil
Germany
France
Italy
Portugal
Turkey
Russia
China
Saudi Arabia
Vietnam
Malaysia
Nigeria
South Africa
Australia


Raw Material Aging
Material Inspection
Production line
Packing
Finished Product Inspection
Aging test
Stock
Shipment
Shipment

FAQ

Question 1: Can you put my brand name (logo) on these products?
Yes.We can support OEM/ODM service, the process of customization is following:
1:provide your specific requirement. PC All In One Touchscreen
2:our design engineer draw the design draft.
3:you confirm the design draft.
4:we start produce it.
Question 2: How much do I need to pay for your OEM service?
over 50units we can support printing logofor you,over 100units we can Custom shell and packing box for you.
(about the OEM service fee is the customer pay)
Question 3: What payment method do you accept?
T/T,Western Union,Cash
Question 4: What is the Minimum Order Quantity(MOQ)?
We can sell one piece sample for your test.
Question 5: What is the lead time of your products?
1-3 days for one sample, 15 working days for a large quantity.

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