21.5 Inch Industrial Panel PC with Capacitive Touch Screen

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Wpna
- Model Number: GK215
- Minimum Order Quantity: 1

Product Specification

- Screen Size: 21.5 Inch
- CPU: RK3288/RK3399 (Optional)
- RAM: 2GB/4GB/8GB/16GB (Optional)
- SSD: 32G/64G/128G/256G/512G (Optional)
- Resolution: 1920*1080
- Touch Screen: 10-Point Capacitive
- Operating System: Win 10/linux/Ubuntu
- CPU Frequency: 2.0GHz To 3.9GHz (Optional)
- LAN: 1000Mbit LAN+wifi
- WIFI: 802.11B/G/N
- USB Ports: 6
- HDMI Port: 1
- COM Ports: 2 (RS485/RS232)
- Power Input: 100-240V AC, 50/60Hz
- Power Output: 12V DC, 6A, 60W

More Images

WPNA 21.5 Inch Android All-in-one PC

Industrial Fanless Panel PC with Capacitive Touch

CPU Options
J1900/I3/I5/I7/RK3288/RK3399

RAM Options
2GB/4GB/8GB/16GB

Storage Options
32G-512G SSD

Touch Screen
10-Point Capacitive

Key Features

- Multiple OS options: Android, Windows 10/11, Linux, Ubuntu
- Flexible installation: desktop, VESA, embedded, wall-mounted
- A+ panel with seamless design, IP65 waterproof/dustproof
- Fanless operation for 24/7 industrial use
- Comprehensive I/O ports for diverse connectivity
- SDK provided for secondary development
- 10+ years customization experience with strong R&D team

Technical Specifications

Display

Screen Size Options	10.4"-21.5" (square and widescreen formats)
Resolution Options	800×600 to 1920×1080
Aspect Ratio	4:3 or 16:9
Display Type	TN Touch

Hardware

CPU Options	RK3288/RK3299/Intel J1900/I3/I5/I7
Frequency	2.0GHz to 3.9GHz (configurable)
Storage Options	SSD 64G/128G/256G/512G
Memory Options	2G/4G/8G/16G
Network	1000Mbit LAN + WiFi 802.11B/G/N

I/O Interfaces

Power Port

×1

RJ45

×1

USB

×6

HDMI

×1

COM Ports

RS485/RS232 ×2

VGA

×1

Power Specifications

Input	100-240V AC, 50/60Hz Universal
Output	12V DC, 6A, 60W

Environmental Specifications

Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 60°C

Product Gallery

INDUSTRIAL LCD SCREEN
EXCELLENT QUALITY

ADOPTING IMPORTED INDUSTRIAL A-STANDARD SCREEN,
LED BACKLIGHT HAS LOW POWER CONSUMPTION,
CLEAR DISPLAY, SATURATED BRIGHTNESS AND LONG SERVICE LIFE

BACKLIGHT
BRIGHTNESS
400cd/m²

DYNAMIC COLOR
16.7M

CONTRAST
1000：1

BACK LIGHT
50000h

Features

10 points capacitive touch	aluminum alloy design	good mute effect
Heat dissipation	Waterproof front shell	Dustproof design

Multiple sizes available
capacitive touch(standard), non touch(optional)
*Means resistive touch is available

Inch	Resolution	Ratio	Inch	Resolution	Ratio
10.4"	800*600	4:3(Square panel)*	13.3"	1366*768	16:9(Wide screen)
12.1"	1024*768	4:3(Square panel)*	18.5"	1920*1080	16:9(Wide screen)
17"	1280*1024	4:3(Square panel)*	15.6"	1366*768	16:9(Wide screen)
15"	1024*768	4:3(Square panel)*	21.5"	1920*1080	16:9(Wide screen)*
19"	1280*1024	4:3(Square panel)*		for other size, please contact pre-sales serviece.	

SOURCE MANUFACTURER STRENGTH CUSTOMIZATION
PROFESSIONAL CUSTOMIZATION, PROVIDE SOLUTIONS,
PLEASE CONTACT SALES CUSTOMER SERVICE BEFORE CUSTOMIZATION

Motherboard customization	Interface customization	Appearance customization	Bracket customization	Touch screen customization
Built-in WIFI module	IC/ID card reader	NFC card reader	Configuration upgrade	ID card reader
LOGO customization	System customization	Built-in Bluetooth	Built-in camera	Scanner
Built-in microphone	Environment customization	Power customization	Beidou/GPS dual positioning	Fingerprint recognition

Appearance customization   Configuration upgrade   Modular installation

Interface customization   Environment customization

NO DEAD ENDS, PURE PLANAR CAPACITIVE TOUCH SENSITIVE AND MORE ACCURATE

PURE PLANE, NO DEAD CORNERS, NO BLIND SPOTS, TEMPERATURE-SENSITIVE
TOUCH, FAST RESPONSE, FIVE DRIFTS, NO DEAD SPOTS, HIGH OPERATING EFFICIENCY

MULTI-TOUCH

FREE SPIN

CLICK LIFE 5000W TIMES

TOUCH SENSITIVE

● A variety of gestures, you can swipe as you want

| Two fingers slide down | Two fingers slide up | Two fingers to the right | Two fingers to the left | Two fingers to rotate left | Two fingers to rotate right |
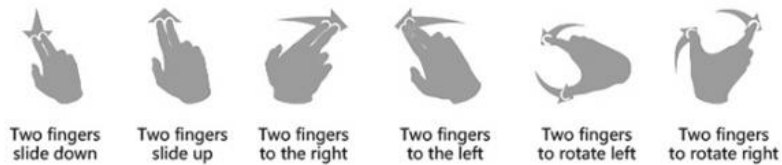
HIGH AND LOW TEMPERATURE RESISTANT DESIGN
WPNA HIGH-QUALITY PRODUCTS

The front frame is processed by high-precision CNC, and the steel body is forged by cold-rolling technology, which greatly increases the rigidity and compression resistance of the whole machine. It has been tested by a strict temperature control box and runs stably in harsh environments with large temperature differences.

STANDARD INDUSTRIAL TEMPERATURE DIFFERENCE:
-10°C~60°C

LARGER TEMPERATURE DIFFERENCE CAN BE CUSTOMIZED:
-30°C~80°C

-30°C
LOW TEMPERATURE WORK

80°C
HIGH TEMPERATURE WORK

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 |

Certifications

Frequently Asked Questions

Can you put my brand name (logo) on these products?

Yes, we support OEM/ODM service. The customization process includes requirement submission, design draft approval, and production.

What is the Minimum Order Quantity (MOQ)?

We can provide single samples for testing, with volume discounts available.

What is the lead time?

1-3 days for samples, 15 working days for bulk orders.

Customization Available: Contact our team to discuss your specific requirements.
WhatsApp: +8613544306128

Available sizes: 10.4", 12.1", 15", 17", 19", 13.3", 15.6", 18.5", 21.5"