2nd Gen i-series Embedded X86 All In One Panel PC —15 inch Intel i5 Processor

The 2nd Generation i-series industrial Panel PC with 3mm bezel and embedded holes design enables easy panel mounting. It is made of self-developed industrial motherboard with Intel i5 processor and supports 7*24h operation in different environments. The highly durable aluminum alloy with good heat dissipation enclosure, IP65 protected front, industrial components make it to satisfy various applications such as machinery, automation control, smart factory, transportation, health care, BMS, energy management, robotics, etc.

Features

- Aluminum alloy enclosure, panel mount/VESA mount
- IP65 protected flat front panel
- Fanless, excellent heat dissipation design
- Capacitive/resistive/non-touch
- Self-developed industrial motherboard
- CPU Intel i5 (6th/7th/ 8th/10th /12th generation optional)
- High compatibility with 99% of industry software

intel Industrial grade	Fanless	IP65 front	Rich interfaces	12V-36V	7*24H operation

Product Model

Product Size	15"
Non-touch	
Capacitive touch	
Resistive touch	

Product Interface

Wifi	Phoenix terminal	GND	POWER	DC12-36V	USB-2.0	USB-3.0	LAN	HD/SIM	VGA	Audio Out	COM

Product Specifications

Screen Parameters

LCD Size	15" TFT LCD
Resolution	1024×768(4:3)
Viewing Angle	89/89/89/89 (L/R/U/D)
Color	16.7M
Brightness	300 cd/m²
Contrast ratio	1000:1

Touch Parameters

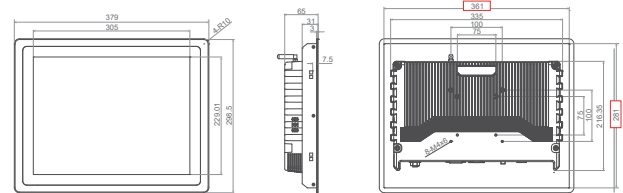| Touch type	10-point touch projection Capacitive touch screen	Single point Resistive touch	Non-touch
Transmittance	≥88%	≥78%	≥92%
Touch object	Hand or capacitive touch pen	Fingertip or stylus	/
Controller	USB (COM customized)	USB (COM customized)	/

Product size

Physical Characteristics

Overall dimensions	W379x H298.5x D65mm
Size of opening	W363 x H283mm

I/O Interface

DC port	1*DC standard 24V, supports 12V-36V power input
Phoenix terminal	12V-36V, GND, RX, TX, 5V
HDMI	1*HDMI output, up to 4K
USB	2*USB 2.0 2*USB 3.0
LAN	2*LAN, Dual 1000M adaptive Ethernet
AUDIO	1*Audio output, 3.5mm headphone interface
SIM	1*SIM card slot (should be work with 3G/4G module)
VGA	1*VGA
COM	2*RS232 (one can be customized with RS485/RS422)
WiFi antenna	2*WiFi antenna
POWER	1*power on/off button
Grounding	1*Grounding post (GND)

Product Reliability

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

Configuration

CPU	Intel i5-6200U	Intel i5-7200U	Intel i5-8265U	Intel iI5-10210U	Intel i5-1235U
CPU frequency	2.3GHz, up to 2.8GHz	2.5GHz, up to 3.1GHz	1.6GHz, up to 3.9GHz	1.6GHz, up to 4.2GHz	1.3GHZ, up to 4.4GHz
Integrated graphics	Inte HD Graphic 520	Intel HD Graphics 620	Intel Ultra HD Graphics 620	Intel UHD620 Graphics	Intel Iris Xe Graphics 80
Memory/RAM	8G DDR4(optional 4/16/32/64G)				
Storage	128G SSD(64G/512G/1TB SSD, 1T/2T HDD optional)				
WiFi	Dual band 2.4G&5G				
Bluetooth	BT4.0				
Operating system	Win7/10/11, Ubuntu/Centos/Redhat/Debian/Linux				
Other support	Support RTC real-time clock and timing switch				

Customization

MiniPCIe-CAN	Support CAN2.0A&CAN2.0, baud rate 10Kbps-1Mbps

* All specifications and photos are subject to change without notice.