

2nd Gen I-series Embedded X86 All In One Panel PC

The whole machine adopts ultra-thin frame which is more suitable for embedded installation, aluminum alloy structure and fully enclosed design. Equipped with self-developed fan less I series high configuration motherboard and high-speed storage scheme. Available in 7"~23.8" sizes. It has good scalability, practicability, EMC compatibility and other performance, and is widely used in industrial control, military industry, communication, power, network, intelligent self-service terminal equipment and other automation applications.

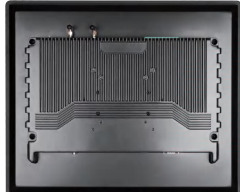
Features >>

- High precision die-casting aluminum molding, pure plane wire drawing process design, dustproof and waterproof.
- Self developed fanless industrial motherboard with X86 architecture, efficient heat dissipation
- Conform to EMC anti electromagnetic interference standard.
- Industrial protection, applicable to various harsh environments.
- Rich interfaces and strong extensibili.



7"~23.8" optional

Model >>

Product size	Non-touch	Capacitive Touch	Resistive Touch	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle	Back Cover Image
7"				1024*600	16:9	300cd/m ²	500:1	75/75/70/75 (L/R/U/D)	 (7-8 inch small back cover)
8"				1024*768	4:3	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	
10.1"				1280*800	16:10	300cd/m ²	1000:1	85/85/85/85 (L/R/U/D)	 (10.1-13.3 inch middle back cover)
10.4"				1024*768	4:3	400cd/m ²	1000:1	80/80/80/80 (L/R/U/D)	
11.6"				1920*1080	16:9	300cd/m ²	1000:1	85/85/85/85 (L/R/U/D)	
12"				1024*768	4:3	500cd/m ²	1000:1	85/85/85/85 (L/R/U/D)	
12.1"				1280*800	16:10	300cd/m ²	1000:1	65/65/65/65 (L/R/U/D)	 (15-23.8 inch large back cover)
13.3"				1920*1080	16:9	300cd/m ²	1000:1	85/85/85/85 (L/R/U/D)	
15"				1024*768	4:3	300cd/m ²	1000:1	89/89/89/89 (L/R/U/D)	
15.6"				1920*1080	16:9	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	
17"				1280*1024	5:4	300cd/m ²	1000:1	80/80/80/70 (L/R/U/D)	
17.3"				1920*1080	16:9	300cd/m ²	600:1	80/80/60/80 (L/R/U/D)	
18.5"				1920*1080	16:9	300cd/m ²	1000:1	89/89/89/89 (L/R/U/D)	
19"				1280*1024	5:4	300cd/m ²	1000:1	85/85/80/80 (L/R/U/D)	
19.1"				1440*900	16:10	300cd/m ²	1000:1	80/80/80/80 (L/R/U/D)	
21.5"				1920*1080	16:9	300cd/m ²	1000:1	89/89/89/89 (L/R/U/D)	
23.8"				1920*1080	16:9	250cd/m ²	1000:1	89/89/89/89 (L/R/U/D)	

Installation >>



Specification >>

Configuration	
CPU	Intel Core I3-I215U
CPU frequency	1.2GHz
GPU	Intel Iris Xe Graphics 64
Memory/RAM	8GB (Supports up to 32GB)
Storage	256GB SSD (256GB~512GB/1T~4T SSD, 1T/2T HDD Optional)
Operating System	WIN10/11, Ubuntu20.04/22.04/Redhat8.7/Debian12.2/Linux-Mint
Wi-Fi	Dual Band 2.4GHz+5GHz
Bluetooth	BT4.0(Optional)

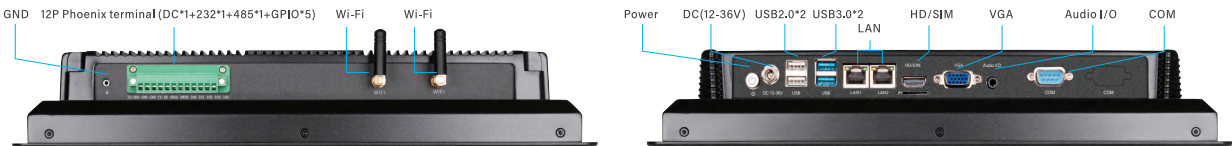
Touch Parameter	
Capacitive Touch	Projection capacitive touch, 10-point multi touch Touch object: hand or capacitive touch pen Light transmission: ≥ 88% Controller: USB (COM customized)
Resistive Touch	Resistive touch, Single point Touch object: finger or stylus Light transmission: ≥ 78% Controller: USB (COM customized)
Non touch	Transmittance: ≥ 92%

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

Other Parameter	
Power input	12V-36V power input
Power adapter	24V/4A
Fuselage Properties	Body material: aluminum alloy, body color: classic black, technical silver
Warranty policy	Three years (one year free warranty)
Installation method	Support embedded, wall mounted, desktop, louver, cantilever, boom and other installation methods

Interface Parameter	
PowerSW	1*PowerSW
Power interface	1*Threaded DC connector (Diameter 5.5*2.5mm)
Phoenix terminal	1*12P Phoenix terminal (DC*1+RS232*1+RS485*1+GPIO*5)
USB	2*USB 3.0, 2*USB 2.0
Ethernet	2*LAN, 10M/100M/1000M adaptive Ethernet
HDMI	1*HDMI, Support HDMI data output, maximum support 4K
SIM	1*SIM, SIM card interface standard interface supports various formats (depending on 3G / 4G module)
VGA	1*VGA
AUDIO	1*Audio I/O, Support audio input and output, headphone holder: 3.5mm standard interface
Speaker	2*(8Ω2W)
Serial port	1*COM (Default RS232, Optional: RS485, RS422)
Wi-Fi antenna	2*Wi-Fi antenna
Grounding	1*GND

I/O Interface >>



Only the 15 inch interface is displayed. Please refer to the actual object for details.