

4th Gen A Series Fashion Style X86 All-in-One Panel PC

The overall feature of this product is "industrial quality, commercial appearance", which not only conforms to industrial standards, but also adopts industrial aesthetic design, making the overall shape more simple and smooth. 10.1~21.5 inches can be selected to meet the actual use needs of different products under different environments and installation methods. The fuselage is made of aluminum alloy, which is not only suitable for humid, dust, electromagnetic interference and static environment in factories and workshops, but also can operate in outdoor high and low temperature, dust, exposure to sunlight, vibration and other environments.


Features >>

- Industrial aesthetic design, fashionable and simple appearance, independent mold opening.
- Self developed fanless, high-performance, low-power industrial motherboard.
- High speed storage scheme with excellent computing power.
- High precision die-casting aluminum molding, efficient heat dissipation process
- Industrial quality, stable system operation.
- Equipped with dual networks and rich expandable interfaces.
- Support 12-36V wide voltage power supply.
- Support desktop, wall mounted and multiple installation methods



10.1"~21.5" optional

Product Model >>

Product size	Non-touch	Capacitive Touch	Resistive Touch	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle	Back Cover Style
10.1"	TPC101-W401	TPC101-W411	TPC101-W421	1280*800	16:10	300cd/m ²	1000:1	85/85/85/85 (L/R/U/D)	 (10.1-12 inch small back cover)
10.4"	TPC104-W401	TPC104-W411	TPC104-W421	1024*768	4:3	400cd/m ²	1000:1	80/80/80/80 (L/R/U/D)	
11.6"	TPC116-W401	TPC116-W411	TPC116-W421	1920*1080	16:9	300cd/m ²	1000:1	85/85/85/85 (L/R/U/D)	
12"	TPC120-W401	TPC120-W411	TPC120-W421	1024*768	4:3	500cd/m ²	1000:1	85/85/85/85 (L/R/U/D)	
15"	TPC150-W401	TPC150-W411	TPC150-W421	1024*768	4:3	300cd/m ²	1000:1	89/89/89/89 (L/R/U/D)	 (15-21.5 inch large back cover)
15.6"	TPC156-W401	TPC156-W411	TPC156-W421	1920*1080	16:9	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	
17"	TPC170-W401	TPC170-W411	TPC170-W421	1280*1024	5:4	300cd/m ²	1000:1	85/85/80/70 (L/R/U/D)	
17.3"	TPC173-W401	TPC173-W411	TPC173-W421	1920*1080	16:9	300cd/m ²	600:1	80/80/60/80 (L/R/U/D)	
19"	TPC190-W401	TPC190-W411	TPC190-W421	1280*1024	5:4	300cd/m ²	1000:1	85/85/80/80 (L/R/U/D)	
19.1"	TPC191-W401	TPC191-W411	TPC191-W421	1440*900	16:10	300cd/m ²	1000:1	80/80/80/80 (L/R/U/D)	
21.5"	TPC215-W401	TPC215-W411	TPC215-W421	1920*1080	16:9	300cd/m ²	1000:1	89/89/89/89 (L/R/U/D)	

Product Installation >>



Desktop installation

Wall mounted installation

Louver installation

Cantilever installation

Boom type installation

Embedded installation

Product Specifications >>

Hardware Configuration

CPU	Intel Celeron J6412, 4-core/4-wire, 2.00 GHz max RPM 2.6GHZ
Integrated Graphics	Intel UHD Graphics 16 EUs
RAM	8GB DDR4 (supports up to 16GB)
Storage	256GB SSD (64GB/128GB/512GB SSD, 1T/2T HDD optional)
System	Win10/11, Ubuntu/Centos/Linux
Video Card	Integrated HD Graphic display core
WIFI	2.4GHz / 5GHz dual bands
Bluetooth	BT4.0(Optional)

Touch Screen

Capacitive Touch	Touch screen type: 10 point touch projection capacitive touch screen Light transmittance: $\geq 88\%$ Input mode: handwriting or capacitive pen Controller communication: USB
Resistive Touch	Touch screen type: single point resistive touch screen Light transmittance: $\geq 78\%$ Input mode: Fingertip or stylus Controller communication: USB
Resistive Touch	Light transmittance: $\geq 92\%$

Reliability parameters

working temperature	Operating temperature: -10°C – 60°C , storage temperature: -20°C – 70°C
Operating humidity	Humidity: 95% non condensing
Vibration protection	IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, half sine wave, duration 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS

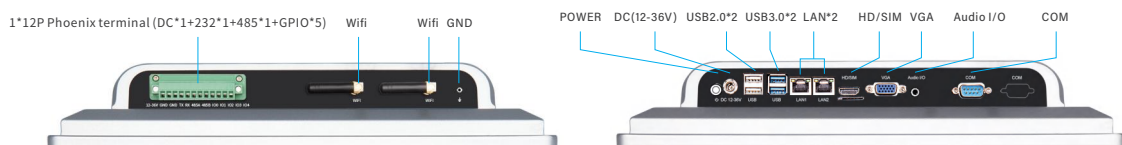
Other parameters

Power input	12V-36V power input
Static power	18W
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

I/O Interface

Industrial terminals	1*12P Phoenix terminal (DC*1+232*1+485*1+GPIO*5), support 12V-36V wide voltage power supply
Power interface	1*DC[5.5*2.5mm], Support 12V-36V wide voltage power supply
USB	2*USB 3.0, 2*USB 2.0
LAN	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
RS232	1*RS232(Optional RS485,RS422,GPIO)
Power key	1*Power key
WiFi antenna	2*WiFi antenna
Grounding column	Support (1*GND)

Interface Distribution >>



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