

5th Gen Industrial all-in-one PC

This series is available in 7"-21.5" sizes to meet the requirements of different product forms in different environments and installation modes. Aluminum alloy body, totally enclosed fanless design, solid structure layout, designed for various complex environments, can ensure long-term stable operation in harsh environments; Complete machine materials pay more attention to its reliability, multi environment adaptability, real-time scalability and EMC compatibility, and are widely used in high-end automation fields such as industrial control, military, communication, power and network.

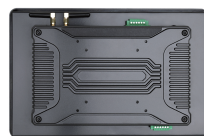
Features >>

- Industrial-grade protection, adapt to a variety of harsh environments
- Independent research and development of the motherboard, independent appearance mold.
- Upgraded aluminum alloy integral die-casting molding, efficient heat dissipation
- Anti-vibration radiation layout structure design, internal anti-interference
- Upgrade anti-interference internal layout, ESD up to 8KV/15KV
- Structural design of anti vibration radiation layout
- Powerful and stable operating system

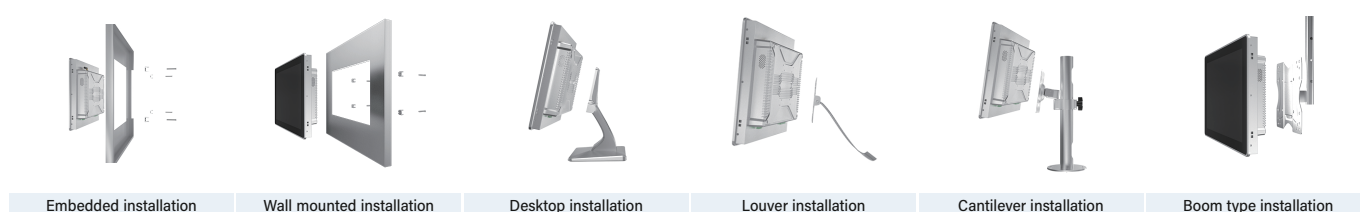


ISO FC CE CCC RoHS 10 100
7"~21.5" optional

Product Model >>

Product size	Non-touch	Capacitive Touch	Resistive Touch	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle	Back Cover Style
7"	TPC070-W500	TPC070-W510	TPC070-W520	1024*600	16:9	300cd/m ²	600:1	85/85/85/85 (L/R/U/D)	 (7-8 inch middle back cover)
8"	TPC080-W500	TPC080-W510	TPC080-W520	1024*768	4:3	300cd/m ²	600:1	85/85/85/85 (L/R/U/D)	
10.1"	TPC101-W500	TPC101-W510	TPC101-W520	1280*800	16:10	300cd/m ²	600:1	85/85/85/85 (L/R/U/D)	
10.4"	TPC104-W500	TPC104-W510	TPC104-W520	1024*768	4:3	300cd/m ²	800:1	75/75/70/75 (L/R/U/D)	 (10.1-11.6 inch middle back cover)
11.6"	TPC116-W500	TPC116-W510	TPC116-W520	1920*1080	16:9	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	
12"	TPC120-W500	TPC120-W510	TPC120-W520	1024*768	4:3	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	
12.1"	TPC121-W500	TPC121-W510	TPC121-W520	1280*800	16:10	300cd/m ²	600:1	80/80/80/60 (L/R/U/D)	
15.6"	TPC156-W500	TPC156-W510	TPC156-W520	1920*1080	16:10	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	 (12-21.5 inch large back cover)
15"	TPC150-W500	TPC150-W510	TPC150-W520	1024*768	4:3	300cd/m ²	700:1	80/80/70/70 (L/R/U/D)	
17"	TPC170-W500	TPC170-W510	TPC170-W520	1280*1024	5:4	300cd/m ²	1000:1	80/80/80/70 (L/R/U/D)	
17.3"	TPC173-W500	TPC173-W510	TPC173-W520	1920*1080	16:9	300cd/m ²	600:1	80/80/60/80 (L/R/U/D)	
19"	TPC190-W500	TPC190-W510	TPC190-W520	1280*1024	5:4	300cd/m ²	1000:1	75/75/70/75 (L/R/U/D)	
19.1"	TPC191-W500	TPC191-W510	TPC191-W520	1440*900	16:10	300cd/m ²	1000:1	85/85/80/80 (L/R/U/D)	
21.5"	TPC215-W500	TPC215-W510	TPC215-W520	1920*1080	16:9	300cd/m ²	1000:1	89/89/89/89 (L/R/U/D)	

Product Installation >>



Product Specifications >>

Hardware Configuration

CPU	Intel Celeron J1900 quad core 1.99GHz
GPU	Intel HD Graphics
RAM	4G DDR4 2666MHz (Optional 8G)
Storage	64G SSD (Optional 128/256/512G)
System	windows7/8/10,linux,Ubuntu
Video Card	Integrated HD Graphic display core
WIFI	2.4GHz / 5GHz dual bands
Bluetooth	BT4.2,Optional:4G LTE + GPS

Touch Screen

Capacitance Touch	Type of touch screen: projection capacitive touch screen Resolution: 500DPI Input mode: handwriting or capacitive pen Surface hardness: Mohs hardness 7H (according to ATSM D3363 standard) Touch times: ≥50 million times
Resistance Touch	Touch screen type: Resistance touch screen Input mode: fingertip or touch pen Surface hardness: Mohs hardness 3H (according to ATSM D3363 standard) Touch times: ≥35 million times

Environmental

Working Temperature	-10 °C ~60 °C
Storage Temperature	-20 °C ~ 70 °C
Operating Humidity	Humidity: 95% Non-Condensing

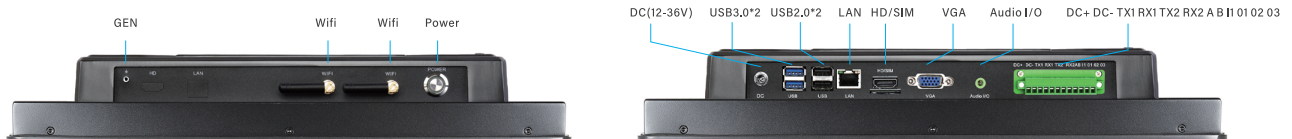
Other

Power Input	AC 100-240V 50/60Hz passed CCC certification and CE certification
Power Output	DC12V / 5A
Rated Power	35W
Fuselage Properties	Body material:aluminum alloy, body color: technical silver, classic gun black
Warranty Policy	Three years (one year free warranty)
Installation Method	Embedded installation is recommended, supporting wall mounted, desktop mounted, cantilever mounted, boom mounted, etc

I/O Interface

DC	1*DC 2.0
USB	2*USB 3.0, 2*USB 2.0
LAN	1*LAN,10M/100M/1000M adaptive Ethernet
HDMI	1*HDMI, Support HDMI data output, maximum support 1080P
SMI	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
RS232	2*RS232
Other	1*Industrial terminal,1*Power,1*GEN
Optional	RS485,RS422,GPIO

Interface Distribution >>



Only the 15 inch J1900 motherboard interface is displayed. Please refer to the actual object for details.