

5th Gen Industrial Monitor

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 >>

- The appearance is independently molded, and the front panel has a narrow frame design, which makes the display wider.
- Strong structural design, stable vibration resistance, dust-proof and waterproof.
- Rich interfaces, Support 12-36V wide voltage power input.
- Precise and sensitive touch, multiple touch modes are optional.
- It is suitable for dust, oil, water mist, strong electromagnetic, high-frequency vibration and other complex heavy industrial environments.



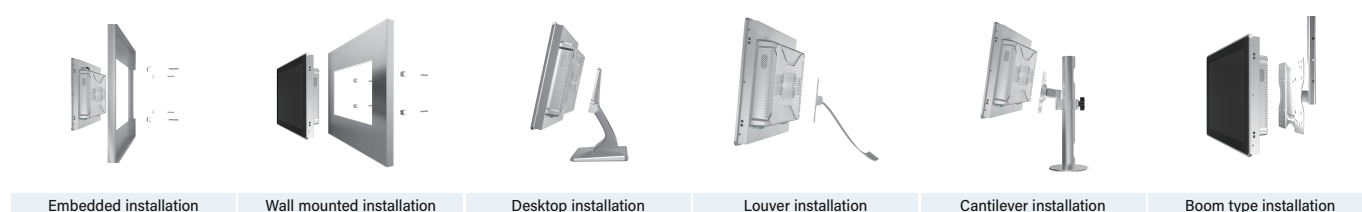
ISO FC CE RoHS 10

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-M500	TPC070-M510	TPC070-M520	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-M500	TPC080-M510	TPC080-M520	1024*768	4:3	300cd/m ²	600:1	85/85/85/85 (L/R/U/D)	
10.1"	TPC101-M500	TPC101-M510	TPC101-M520	1280*800	16:10	300cd/m ²	600:1	85/85/85/85 (L/R/U/D)	
10.4"	TPC104-M500	TPC104-M510	TPC104-M520	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-M500	TPC116-M510	TPC116-M520	1920*1080	16:9	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	
12"	TPC120-M500	TPC120-M510	TPC120-M520	1024*768	4:3	300cd/m ²	800:1	85/85/85/85 (L/R/U/D)	
12.1"	TPC121-M500	TPC121-M510	TPC121-M520	1280*800	16:10	300cd/m ²	600:1	80/80/80/60 (L/R/U/D)	
15.6"	TPC156-M500	TPC156-M510	TPC156-M520	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-M500	TPC150-M510	TPC150-M520	1024*768	4:3	300cd/m ²	700:1	80/80/70/70 (L/R/U/D)	
17"	TPC170-M500	TPC170-M510	TPC170-M520	1280*1024	5:4	300cd/m ²	1000:1	80/80/80/70 (L/R/U/D)	
17.3"	TPC173-M500	TPC173-M510	TPC173-M520	1920*1080	16:9	300cd/m ²	600:1	80/80/60/80 (L/R/U/D)	
19"	TPC190-M500	TPC190-M510	TPC190-M520	1280*1024	5:4	300cd/m ²	1000:1	75/75/70/75 (L/R/U/D)	
19.1"	TPC191-M500	TPC191-M510	TPC191-M520	1440*900	16:10	300cd/m ²	1000:1	85/85/80/80 (L/R/U/D)	
21.5"	TPC215-M500	TPC215-M510	TPC215-M520	1920*1080	16:9	300cd/m ²	1000:1	89/89/89/89 (L/R/U/D)	

Product Installation >>



Product Specifications >>

Hardware Configuration	
CPU	RTD2513/RTD2556
Key functions	AUTO,MENU,POWER,LEFT,RIGHT
Menu language	English,Chinese
Video input	PC-RGB:Format,Up to 1920*1080@60HZ
	PC-RGB:Color,16bit, 24bit, 32bit
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
Anti-interference	EMI/EMC interference detection standard
Anti vibration	5-19HZ/1.0mm amplitude; 19-200HZ/1.0g acceleration
Impact resistance	10g acceleration, 11ms period
Other	
Power Input	AC 100-240V 50/60Hz passed CCC certification and CE certification
Power Output	DC12V / 4A
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 ,with thread, supports wide voltage power supply: 12V-24V, 12-36V, DC power port anti drop design
HDMI	1*HDMI , high-definition audio digital signal transmission, support HDMI data input, maximum support 1080P
VGA	1*VGA , Analog signal transmission, supporting the best resolution of VGA
DVI	1*DVI , digital signal transmission, supporting the best resolution of DVI digital signal
TOUCH	1*TOUCH, RJ45 interface standard (defined as USB), can be connected with capacitance/resistance touch
AUDIO I/O	1*AUDIO I/O , 3.5mm standard interface
Industrial terminal	1*Industrial terminal, Support data transmission and power supply functions

Interface Distribution >>

