

4th Gen A Fashion Style ARM 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 >>

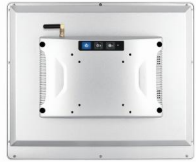
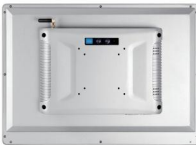
- Independent mold opening, fashionable and simple appearance.
- Self developed industrial ARM architecture motherboard with high performance and low power consumption.
- Industrial quality, stable system operation.
- Support desktop, wall mounted and multiple installation methods.
- SDK package is provided to support secondary development and upgrade customization.
- Rich and complete interfaces, complete power supply/data transmission functions.



ISO FC CE CCC RoHS 10 11

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-A401	TPC101-A411	TPC101-A421	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-A401	TPC104-A411	TPC104-A421	1024*768	4:3	400cd/m ²	1000:1	80/80/80/80 (L/R/U/D)	
11.6"	TPC116-A401	TPC116-A411	TPC116-A421	1920*1080	16:9	300cd/m ²	1000:1	85/85/85/85 (L/R/U/D)	
12"	TPC120-A401	TPC120-A411	TPC120-A421	1024*768	4:3	500cd/m ²	1000:1	85/85/85/85 (L/R/U/D)	
15.6"	TPC156-A401	TPC156-A411	TPC156-A421	1920*1080	16:9	300cd/m ²	1000:1	85/85/85/85 (L/R/U/D)	
15"	TPC150-A401	TPC150-A411	TPC150-A421	1024*768	4:3	300cd/m ²	800:1	89/89/89/89 (L/R/U/D)	 (15-21.5 inch large back cover)
17"	TPC170-A401	TPC170-A411	TPC170-A421	1280*1024	5:4	300cd/m ²	1000:1	85/85/80/70 (L/R/U/D)	
17.3"	TPC173-A401	TPC173-A411	TPC173-A421	1920*1080	16:9	300cd/m ²	600:1	80/80/60/80 (L/R/U/D)	
19"	TPC190-A401	TPC190-A411	TPC190-A421	1280*1024	5:4	300cd/m ²	1000:1	85/85/80/80 (L/R/U/D)	
19.1"	TPC191-A401	TPC191-A411	TPC191-A421	1440*900	16:10	300cd/m ²	1000:1	80/80/80/80 (L/R/U/D)	
21.5"	TPC215-A401	TPC215-A411	TPC215-A421	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	RK3399, Dual-core Cortex-A72 up to 1.8GHz, Quad-core Cortex-A53 up to 1.4GHz
GPU	Mali-T860 GPU
RAM	4G DDR3 (Optional 8G/16G)
Storage	32G eMMC (Optional 64G/128G)
System	Android 7.1/9.0/11, Ubuntu18.04/Debian10.0/Linux4.4+QT
Ethernet	10M/100M/1000M
WIFI	2.4GHz / 5GHz dual bands
Bluetooth	BT5.0

Touch parameters

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
Non 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	12-36V 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 desktop, wall mounted, louver, cantilever, boom, back mounted and other installation methods

I/O Interface

Power interface	1*DC2.1, Support 12V-36V wide voltage power supply
HDMI	1*HDMI, Support HDMI data output, maximum support 4K
USB	1*USB HOST, 1*USB OTG
Internet port	1*LAN, 10M/100M/1000M adaptive Ethernet
TF	1*TF data storage, maximum support 32G
AUDIO	1*Audio I/O, supporting audio input and output, headphone stand: 3.5mm standard interface
SIM	1*SIM, SIM card interface standard interface supports various formats (depending on 3G / 4G module)
COM	2*COM (RS232 by default, RS485/RS422 optional)
UBOOT	Support (1*UBOOT)
WIFI antenna	1*WIFI antenna
Grounding column	Support (1*GND)

Interface Distribution >>



Only the 17.3 inch 3399 motherboard interface is displayed. Please refer to the actual object for details.