

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

The industrial motherboard is independently researched and developed. A variety of configuration schemes meet different application needs. It has 10.1" - 21.5" multiple sizes to choose from. It uses aluminum alloy flat panel, fan free fully enclosed integrated design, fashionable appearance, simple science and technology, supports desktop, wall mounted, cantilever, cantilever and other installation methods. The whole machine has low power consumption, good scalability, practicality, EMC compatibility and other performance.

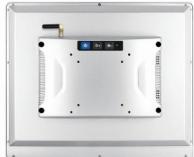
Features >

- 10.1" - 21.5" multiple sizes available.
- Industrial aesthetic design, fashionable and simple appearance, independent mold opening.
- Self developed industrial motherboard with ARM architecture, high performance and low power consumption.
- High precision die-casting aluminum molding, efficient heat dissipation process.
- Industrial quality, stable system operation.
- Support desktop, wall mounted and multiple installation methods.
- SDK package is provided to support secondary development and upgrade customization.



ISO FCC CE CCC RoHS 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)	 (10.1-15.6 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)	
17"	TPC170-A401	TPC170-A411	TPC170-A421	1280*1024	5:4	300cd/m ²	1000:1	85/85/80/70 (L/R/U/D)	 (17-21.5 inch large back cover)
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	A64 Cortex-A53 quad-core, 1.5GHz;
GPU	Mai-400MP2
RAM	2G DDR3 (Optional 4G/8G)
Storage	8G eMMC (Optional 16G/32G/64G/128G)
System	Android6.0
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: ≥ 88% Input mode: handwriting or capacitive pen Controller communication: USB
Resistive Touch	Touch screen type: single point resistive touch screen Light transmittance: ≥ 78% Input mode: Fingertip or stylus Controller communication: USB
Non touch	Light transmittance: ≥ 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

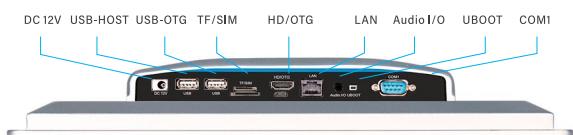
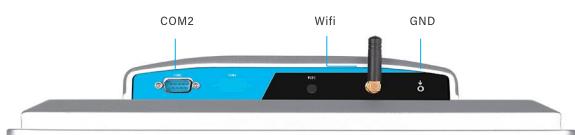
Other parameters

Power input	12V 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*DC 2.1, supporting 12V power input
USB	1*USB HOST, 1*USB OTG
TF	1*TF
SIM	1*SIM, SIM card: standard interface, supporting various formats (depending on 3G/4G module)
HDMI	1*HDMI, Support HDMI data output, maximum support 4K
OTG	1*OTG
LAN	1*LAN, 10M/100M/1000M adaptive Ethernet
AUDIO	1*Audio I/O, Support audio input and output, Headphone: 3.5mm standard interface
UBOOT	Support(1*UBOOT)
COM	2*COM(The default is RS232, and the optional RS485/RS422)
Wifi antenna	1*Wifi antenna
Grounding column	Support(1*GND)

Interface Distribution >



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