

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



ISO FC CE CCC RoHS 10 X

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 | Celeron J4125 quad core frequency 2.0GHz |
| Integrated Graphics | Intel UHD Graphics 600 |
| RAM | 4G DDR4 2666MHz (Optional 8G) |
| Storage | 64GB SSD (128GB/256GB/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

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|------------------|--|
| 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 |

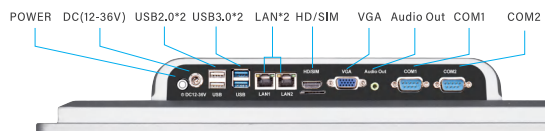
Other parameters

| | |
|---------------------|--|
| 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

| | |
|------------------|---|
| Power interface | 1*DC2.5, 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 Out, Support audio output, Headphone stand: 3.5mm standard interface |
| RS232 | 2*RS232(Optional RS485,RS422,GPIO) |
| Power key | 1*Power key |
| WiFi antenna | 2*WiFi antenna |
| Grounding column | Support (1*GND) |

Interface Distribution >>



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