TDD-TPC-PM104WP
10.4'' ==Waterproof== Panel Mount (Front Mount) PCAP Touch Panel PCs

Overview

The **TDD Touch Panel PCs** include **Standard**, **Industrial** (**Open Frame Bezel-free** | **Rear Mount**, **Panel Mount**, **Closed Frame**), **Outdoor**, **Waterproof**, **Stainless Steel**, **Marine**, **Curved**, **Desktop POS**, **Commercial Displays**, **Medical** and **Custom** types, deliver a great computing solution when your application requires the PCs to be integrated into equipment. It can withstand harsh industrial environment with multiple I/O & expansion slots, rugged internal components & fanless cooling systems. Powered by Android or Intel with heavy-duty aluminum or steel enclosure, high durability & versatility for Kiosks applications from Self-service, Automated Parking, Industrial Automation, Outdoor Control, Healthcare to Gaming.

Features

● Touch thru glass (with ==**Anti-mist Optical Bonding**==) enabled with PCAP supports thickness up to 5mm
● Embedded design with **Rugged TFT Panel, Sturdy Aluminum Enclosure with External Connected OSD**
● ==**IP65 Fully Enclosed Fanless Design with M12 Metal I/O Connectors**==, flexible mounting in any table, kiosk or cabinet

Specifications

System

Processor	Android: RK3188/RK3288/RK3566/RK3568 Quad-core Cortex-A9/A17/A55 1.6/1.8/ 2.0GHz Windows: Intel® J1900 / J4125 Quad Core 2.0 / 2.7GHz / Intel® Core™ i3 / i5 / i7 / i9 4-13thG
Memory(RAM)	Android: 1 / **2GB(std)** / 4 / 8 / 16GB; Windows: DDR3/4 2 / **4(std)** / 8 / 16 / 32 / 64GB
Storage	Android: 4/8/**16(std)**/32/64GB eMMC Flash; Windows: 32**/64(std)**/128/256/512GB SSD/HDD

Panel

Size / Active Area (mm)	10.4"(4:3), 26.416cm, Active matrix TFT LCD (LED) / 216.96 mm x 135.6 mm
Resolution / Contrast	1024 x 768 / 700:1
Viewing Angle	Horizontal: 80° or 160° total / Vertical: 80° or 160° total
Color Depth/Brightness	16.7 million / **350 nits**(==**Optional: 500 / 1000 nits**==)
Response Time / Freq	20 (Typ.)(Tr+Td) ms / Horizontal: 30 - 60 KHz / Vertical: 50 - 75 Hz

Touch

Touch Technology / OS	PCAP (Projected Capacitive) - 10 Touch Capacity (**Optional: ==Waterproof Firmware==**)
Surface Treatment	Water, Dust & Vandal proof; **Optional**: Anti-glare, Anti-fingerprint, Anti-smudge, Anti-bacterial

I / O Ports

Android	USB x1 / COM x1 / LAN x1 / WIFI x1 / DC x1
Windows	USB x1 / COM x1 / LAN x1 / WIFI x1 / DC x1

Power

Power	Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 10W typical, 1.2W sleep, 0.5W off
Mechanical	Product Dimensions: 268.7 x 216.1 x 60.5mm / Weight (Unpacked / Packed): 1.95 / 2.7 kg Box Dimensions: 400 x 160 x 350mm / VESA Mounting: 100 x 100mm
Environmental	Operating / Storage Temperature: ==**-20°C to 70°**==
Accessories	Power adapter / cable, panel mount kits w/screws (opt.)
Others	MTBF / Warranty / Enclosure Color: 50,000 hours demonstrated / 1-year / black	silver Ready for Use: 24/7

* **TDD** (**www.tddtouch.com**, **sales@tddtouch.com**) reserves the right to change specifications without prior notice.