

TDD-TPC-PM185WP

18.5" **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 4-13 th G |
| 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) | 18.5"(16:9), 46.99cm, Active matrix TFT LCD (LED) / 409.8 mm x 230.4 mm |
| Resolution / Contrast | 1366 x 768 / 1000:1 |
| Viewing Angle | Horizontal: 89° or 178° total / Vertical: 89° or 179° total |
| Color Depth/Brightness | 16.7 million / 250 nits (Optional: 500 / 1000 nits) |
| Response Time / Freq | 14 (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

Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 20W typical, 1.5W sleep, 0.5W off

Mechanical

Product Dimensions: 454 x 277 x 40mm / Weight (Unpacked / Packed): 6.7 / 8.5kg
Box Dimensions: 530 x 160 x 350mm / VESA Mounting: 75 x 75 / 100 x 100mm

Environmental

Operating / Storage Temperature: **-10°C to 50°C (Opt. for -20°C to 70°)** / -20°C to 60°C

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.