

# TDD-TPC-PM190HO

19" **Outdoor** Panel Mount (Front Mount) Open Frame 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 **AG, UV Filter & Anti-mist Optical Bonding**) enabled with PCAP supports thickness up to 5mm
- Embedded design with **Rugged High Bright TFT Panel&Auto-dimmer, Sturdy Aluminum Front Panel&Steel Back**
- IP65 (front) for water and **Dust Protection with Smart Fans**, flexible mounting in any table, kiosk, or cabinet design

## 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 <sup>th</sup> G
Memory(RAM)	Android: 1 / <b>2GB(std)</b> / 4 / 8 / 16GB; Windows: DDR3/4 2 / <b>4(std)</b> / 8 / 16 / 32 / 64GB
Storage	Android: 4/8/ <b>16(std)</b> /32/64GB eMMC Flash; Windows: 32/64( <b>std</b> )/128/256/512GB SSD/HDD

### Panel

Size / Active Area (mm)	19"(4:3), 48.26cm, Active matrix TFT LCD (LED) / 377.32 mm x 302.06 mm
Resolution / Contrast	1280 x 1024 / 1000:1
Viewing Angle	Horizontal: 89° or 178° total / Vertical: 89° or 178° total
Color Depth/Brightness	16.7 million / <b>1000 nits</b>
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 ( <b>Optional: Waterproof Firmware</b> )
Surface Treatment	Water, Dust & Vandal proof; <b>Optional:</b> Anti-glare, Anti-fingerprint, Anti-smudge, Anti-bacterial

### I / O Ports

Android	USB x4 / COM x2 / HDMI x1 / LAN x1 / WIFI x1 / DC x1 / TF-CARD x1 / Audio x1
Windows	USB x4 / COM x2 / VGA x1 / HDMI x1 / LAN x1 / WIFI x1 / DC x1 / Audio x1 / Mic x1

### Power

Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 10W typical, 1.2W sleep, 0.5W off

### Mechanical

Product Dimensions: 465 x 392 x 62mm / Weight (Unpacked / Packed): 5.5 / 9.85 kg  
Box Dimensions: 550x 235 x 520mm / VESA Mounting: 75 x 75 / 100 x 100mm

### Environmental

Operating / Storage Temperature: **-20°C to 70°C** / -30°C to 80°C (**except for some models**)

### 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](http://www.tddtouch.com), [sales@tddtouch.com](mailto:sales@tddtouch.com)) reserves the right to change specifications without prior notice.