

TDD-TPC-FB104P

10.4" Flat Bezel Open Frame PCAP Touch Panel PCs



Overview

The **TDD** industrial Touch Panel PCs size from 7" to 55", include the bezel-free and flat bezel type with PCAP or resistive touch technology. It is a great computing solution when your application requires the PCs to be integrated into equipment. Powered by Android or Intel Core i3 / i5 / i7 and a heavy-duty aluminum or steel enclosure with high performances, it can withstand harsh industrial environment with multiple I/O & expansion slots. Built with rugged internal components, fanless cooling systems make it ideal for industrial applications from self-service kiosks, gaming, industrial automation to signage.

Features

- Touch thru glass enabled with PCAP supports thickness up to 5mm
- **Full flat** design with sturdy **aluminum front bezel** and metal enclosure
- IP65 (front) for water and dust protection; Flexible mounting in any table, kiosk, or cabinet design

Specifications

System

Processor Android: RK3188 / RK3288 Quad-core Cortex-A9 / A17 1.6 / 1.8GHz
Windows: Intel® J1900 Quad Core 2.0GHz / Intel® Core™ i3 / i5 / i7

Memory(RAM) Android: DDR3 1GB / **2GB (std)** / 4GB; Windows: **2GB (std)** / 4GB / 8GB / 16GB / 32GB

Storage Android: 4GB/**8GB(std)**/16GB eMMC Flash; Windows: **32GB (std)**/64GB/128GB/240GB SSD

Panel

Diagonal Size 10.4"(4:3), 26.42cm, Active matrix TFT LCD (LED)

Active Area (mm) 211.2 mm x 158.4 mm

Resolution / Contrast 800 x 600 / 800:1

Viewing Angle Horizontal: 85° or 170° total / Vertical: 85° or 170° total

Number of Colors 16.7 million

Brightness (typical) Panel: 300 nits / With PCAP Touch: 265 nits

Response Time-total 25 msec typical

Input Video Frequency Horizontal: 30 - 60 KHz / Vertical: 50 - 75 Hz

Touch

PCAP (Projected Capacitive) touch technology - 10 Touch Capacity

Surface Treatment Water, Dust & Vandal proof, Anti-glare; Anti-fingerprint, Anti-smudge, Anti-bacterial (optional)

I / O Ports

Android USB x2 or 4 / COM x1 or 2 / 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%; 15W typical, 5W sleep, 0.5W off

Mechanical

Sizes & Weight / Mount: 252.3mm x 194.9mm x 42mm / 1.3 kg unpackaged; 75 / 100mm

Environmental

Operating Temperature: -10°C to 60°C

Accessories

Power adapter / cable, HDMI / VGA / Touch USB cable, Flush Mount Brackets w/Screws
Wall mount and table stands w/ Screws (optional)

Others

Warranty / Enclosure Color: 1-year / black

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