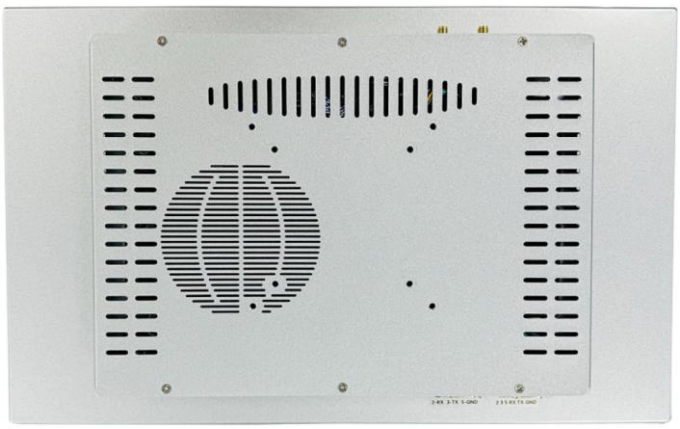
TDD-TPC-BF215T

21.5’’ Bezel-free (Rear 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 enabled with PCAP supports thickness up to 5mm
- Embedded design with **Steel Frame & Light Aluminum Back enclosure**
- IP65 (front) for water and dust protection, 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 4-13thG
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)	21.5"(16:9), 55cm, Active matrix TFT LCD (LED) / 478 mm x 269.6 mm
Resolution / Contrast	1920 x 1080 / 1000:1
Viewing Angle	Horizontal: 89° or 178° total / Vertical: 89° or 178° total
Color Depth/Brightness	16.7 million / 350 nits
Response Time / Freq	17 (Typ.)(Tr/Td) ms / Horizontal: 30 - 60 KHz / Vertical: 50 - 75 Hz

Touch

Touch Technology / OS	PCAP (Projected Capacitive) - 10 Touch Capacity / Windows / Android / Linux / Mac
Surface Treatment	Water, Dust & Vandal proof; **Optional**: 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%; 25W typical, 1.5W sleep, 0.5W off
Mechanical	Product Dimensions: 533.5 x 320.5 x **51.5**mm / Weight (Unpacked / Packed): 5.3 / 6.5 kg Box Dimensions: 630 x 431 x 141mm / VESA Mounting: 75 x 75 / 100 x 100mm
Environmental	Operating / Storage Temperature: -10°C to 60°C / -20°C to 60°C
Accessories	Power adapter / cable, flush mount brackets 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.