

TDD-TPC-BF70H

7" 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
Memory(RAM)	Android: 1 / 2GB(std) / 4 / 8 / 16GB
Storage	Android: 4/8/ 16(std) /32/64GB eMMC Flash

Panel

Size / Active Area (mm)	7"(16:9), 17.78cm, Active matrix TFT LCD (LED) / 154.2144 mm x 85.92 mm
Resolution / Contrast	1024 x 600 / 600:1
Viewing Angle	Horizontal: 75° or 150° total / Vertical: 70°/70° or 140° total
Color Depth/Brightness	16.7 million / 600 nits
Response Time / Freq	10 (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
---------	--

Power

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

Mechanical

Product Dimensions: 182.5 x 129.5 x 35.3mm / Weight (Unpacked / Packed): 0.7 / 1.26kg
Box Dimensions: 250 x 200 x 70mm / VESA Mounting: 75 x 75 / 100 x 100mm

Environmental

Operating / Storage Temperature: -10°C to 50°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.