TDD-TPC-BF84
8.4'' Bezel-free 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
- Embedded design with sturdy metal or aluminum (optional for back) enclosure & fanless system
- IP65 (front) for water and dust protection; Flexible mounting in any table, kiosk, or cabinet design

Specifications

System

Processor	RK3188 / RK3288 Quad-core Cortex-A9 / A17 1.6 / 1.8GHz
Memory(RAM)	DDR3 1GB / **2GB (std)** / 4GB
Storage	4GB / **8GB(std)** /16GB eMMC Flash

Panel

Diagonal Size	8.4"(4:3), 21.33cm, Active matrix TFT LCD (LED)
Active Area (mm)	170.4 mm x 127.8 mm
Resolution	800 x 600
Viewing Angle	Horizontal: 80° or 160° total / Vertical: 80°/60° or 140° total
Number of Colors	16.7 million
Brightness (typical)	Panel: 350 nits / With PCAP Touch: 280 nits
Response Time-total	25 msec typical
Contrast Ratio	500:1
Input Video Frequency	Horizontal: 30 - 60 KHz / Vertical: 50 - 75 Hz

Touch

Touch Technology	PCAP (Projected Capacitive) - 10 Touch Capacity
Surface Treatment	Water, Dust & Vandal proof, Anti-glare; Anti-fingerprint, Anti-smudge, Anti-bacterial (optional)
Supported OS	Android

I / O Ports	USB x2(std) or 4 / COM x1(std) or 2 / HDMI x1 /LAN x1/WIFI x1/DC x1/TF-CARD x1/Audio x1
Power	Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 15W typical, 5W sleep, 0.5W off
Mechanical	Sizes & Weight / Mount: 220mm x 162mm x 40mm / 1 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
Others	Warranty / Enclosure Color: 1-year / black

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