

# TDD-TPC-BF7

## 7" 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 / <b>2GB (std)</b> / 4GB
Storage	4GB / <b>8GB(std)</b> /16GB eMMC Flash

#### Panel

Diagonal Size	7"(16:9), 17.78cm, Active matrix TFT LCD (LED)
Active Area (mm)	153.6 mm x 90 mm
Resolution	1024 x 600
Viewing Angle	Horizontal: 75° or 150° total / Vertical: 70°/75° or 145° total
Number of Colors	16.7 million
Brightness (typical)	Panel: 500 nits / With PCAP Touch: 430 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 x**2(std)** or 4 / COM x**1(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: 182.5mm x 129.5mm x 32.8mm / 0.6 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](http://www.tddtouch.com), [sales@tddtouch.com](mailto:sales@tddtouch.com)) reserves the right to change specifications without prior notice.