TDD-TPC-BF101
10.1'' 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	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	7"(16:9), 17.78cm, Active matrix TFT LCD (LED)
Active Area (mm)	153.6 mm x 90 mm
Resolution / Contrast	1024 x 600 / 500:1
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
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: 265mm x 185mm x 39mm / 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

Others
Warranty / Enclosure Color: 1-year / black

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