

# TRT-5280-10

## 10" Rugged Tablet PC



### Key Highlights

- 10.1" Capacitive Touchscreen with FHD LCD
- Intel Quad Core i7 CPU with DDR4 RAM
- 2MP Front and 8MP AutoFocus Rear Camera
- Optional Barcode Scanner, NFC, Serial, & LAN
- Hot-Swappable Battery Technology

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The TRT-5280-10 runs on a powerful Intel Core i7 processor. It has a 10.1 inch gorilla glass touchscreen and has durable housing that protects the tablet from drops and shocks. This tablet PC is also fully waterproof, rated IP65, so you don't need to worry about rain or humidity. The battery can be easily removed and swapped out for a fully-charged battery. Stay connected out in the field, with WiFi, Bluetooth, 4G LTE and GPS. This tablet also has additional options for a FingerPrint Reader, NFC, 1D/2D barcode scanner, Serial port, Ethernet port, or an extra USB port along with a variety of docking stations on the desk or in the vehicle.

#### USA

Teguar  
2920 Whitehall Park Drive  
Charlotte, NC 28273  
+1 866-693-3105  
sales@teguar.com

#### EUROPE

Teguar Europe AG  
Churerstrasse 54, CH-8808  
Pfäffikon, Switzerland  
+41 41 561 53 11  
sales.EU@teguar.com

#### ASIA

Teguar Taiwan Ltd.  
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,  
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)  
+886 2 7751 5319  
sales@teguar.com.tw

# Technical Specifications

## Primary Components

Processor Family	Intel Core I Series 8th Generation Kaby Lake R
Processor Model	Core i7-8550U
Processor Speed	1.8 GHz
Memory Type	Onboard DDR4L
Memory Support	16GB, 32GB (MOQ)
Storage Type	M.2
Storage Support	128GB (Standard), up to 1TB (Optional)

## External I/O Ports

USB	1x USB 3.0, 1x USB Type C (USB 3.0, HDMI, Charging)
Video Outputs	1x Mini HDMI
Other Ports	1x TF Card Slot
Audio Ports	1x 3.5mm Headphone Jack
Power Input Port	4.0mm DC-in Jack

## Compatibility

Security Hardware	TPM 2.0
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## Multimedia

Speakers	1x 0.8W Speaker
Camera	Front: 2MP, Rear: 8MP w/ flash
Microphone	Built-in Microphone

## Enclosure

IP Rating	IP65
Color	Black
Led Indicator Light	Battery, Power
Control Buttons	Audio Down, Audio Up, Home, Power Button, Scanner
Shock Rating	MIL-STD-810G Shock and Drop Resistant

## Weight / Dimensions

Weight	1.22 kg (2.7 lbs)
Dimensions	290 x 196 x 22 mm (11.4 x 7.7 x 0.9 in)

## Certification

Certifications	IP65, MIL-STD-810G
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## Warranty

Warranty	1 Year
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## Display

Screen Size	10.1"
Screen Resolution	1920 x 1200 (WUXGA)
Brightness	400 nits

## Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
Hardness	7H
Glass Type	Gorilla Glass

## Power

Input Voltage Range	19V DC
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## Battery

Battery Type	Internal 7.4V/860mAh Battery
Battery Operating Time	8hrs (Default 50% volume, 50% Brightness, Playing 1080P Video)

## Operating Systems

Windows	Windows 10 Pro, Windows 7 Pro
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## Expansion Slots

Expansion Module support	Choose 1 Option Only - Option 1: 1x Ethernet RJ45; Option 2: 1x DB9(RS232) Serial port; Option 3: 1x USB 2.0; Option 4: 1x ID Scanner- MOTO SE655E100R; Option 5: 1x 2D Scanner- Honeywell N3680*
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## Thermal & Environmental

Operating Temperature	-20°C - 60°C (-4°F - 140°F)
Storage Temperature	-30°C - 70°C (-22°F - 158°F)
Cooling Solution	Active - with Fan
Humidity Range	5% - 95% Non-condensing
Storage Humidity	5% - 95% Non-condensing

## Peripherals & Wireless Connectivity

WiFi	WiFi 802.11(a/b/g/n/ac)
Bluetooth	Bluetooth 4.2
GPS	Ublox M8
Mobile Network 4G LTE	Quectel EC25 M.2 Modules
Sim Card	1x Micro SIM Card Slot
Barcode Scanner	Optional 1D/2D Barcode Scanner
Peripheral Other	Optional Fingerprint Reader, Optional NFC Reader
Sensors	Accelerometer

Specifications subject to change.

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## I/O Diagram Images



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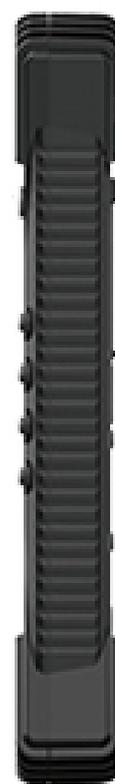
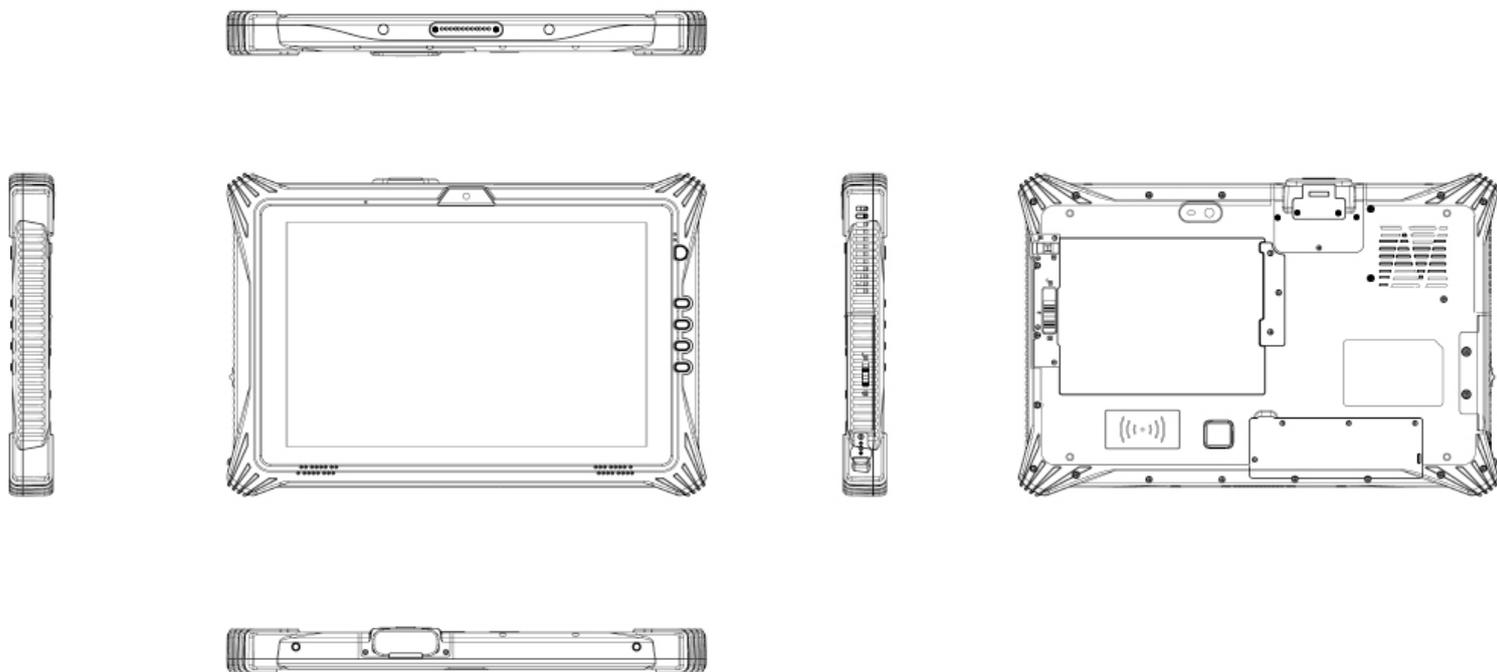
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# Tech Diagram Images



196mm

290mm

22mm

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