TEGUAR

TRT-5280-12

12" Industrial Tablet PC



Key Highlights

- 12.2" 16:10 FHD IPS Display
- Intel Core i7 CPU with DDR4L RAM
- Hot Swappable Battery
- IP65 and MIL-STD-810G Rated
- Full Function USB Type C
- Expansion port for 1D/2D, NFC, Serial, Ethernet

VIEW ONLINE

The TRT-5280-12 has a 12.2 inch gorilla glass touchscreen and durable housing that protects that tablet from the roughest environments. It runs on a powerful Intel Core i7 processor and has a removable battery that can be quickly swapped out for a fully-charged battery without disrupting your operation. Stay connected out in the field, with WiFi, Bluetooth, 4G LTE and GPS. This tablet also has the option for NFC, 1D/2D barcode scanner, Serial port, Ethernet port, or an extra USB port including a variety of docking options.

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Technical Specifications

Primary Components

Processor Family	Intel Core I Series 8th Generation Kaby Lake R
Processor Model	Core i7-8550U
Processor Speed	2.0 GHz
Memory Type	Onboard DDR4L
Memory Support	16GB, 32GB (MOQ)
Storage Type	M.2
Storage Support	128GB (Standard), up to 1TB (Optional)

Power

Input Voltage Range	19V DC

Battery

Battery Type	Hot Swappable 7.4V/6300mAh Battery, Internal 7.4V/860mAh Battery
Battery Operating Time	5hrs (Default 50% volume, 50% Brightness, Playing 1080P Video)

Operating Systems

Windows	Windows 10 Pro, Windows 7 Pro

Expansion Slots

Expansion Module support	Choose 1 Option Only - Option 1 Default: 1x Ethernet RJ45; Option 2: 1x D89(RS232) Serial port; Option 3: 1x USB 2.0; Option 4: 1x 1D Scanner- MOTO SE655E100R; Option 5: 1x 2D Scanner-Honeywell N3680

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

Display

Screen Size	12.2"
Brightness	280 nits

Touch Screen

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

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

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	1.54 kg (3.4 lbs)
Dimensions	331 x 230 x 22 mm (13.0 x 9.1 x 0.9 in)

Certification

Certifications	IP65, MIL-STD-810G

Warranty

Warranty	1 Year

Specifications subject to change.

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I/O Diagram Images

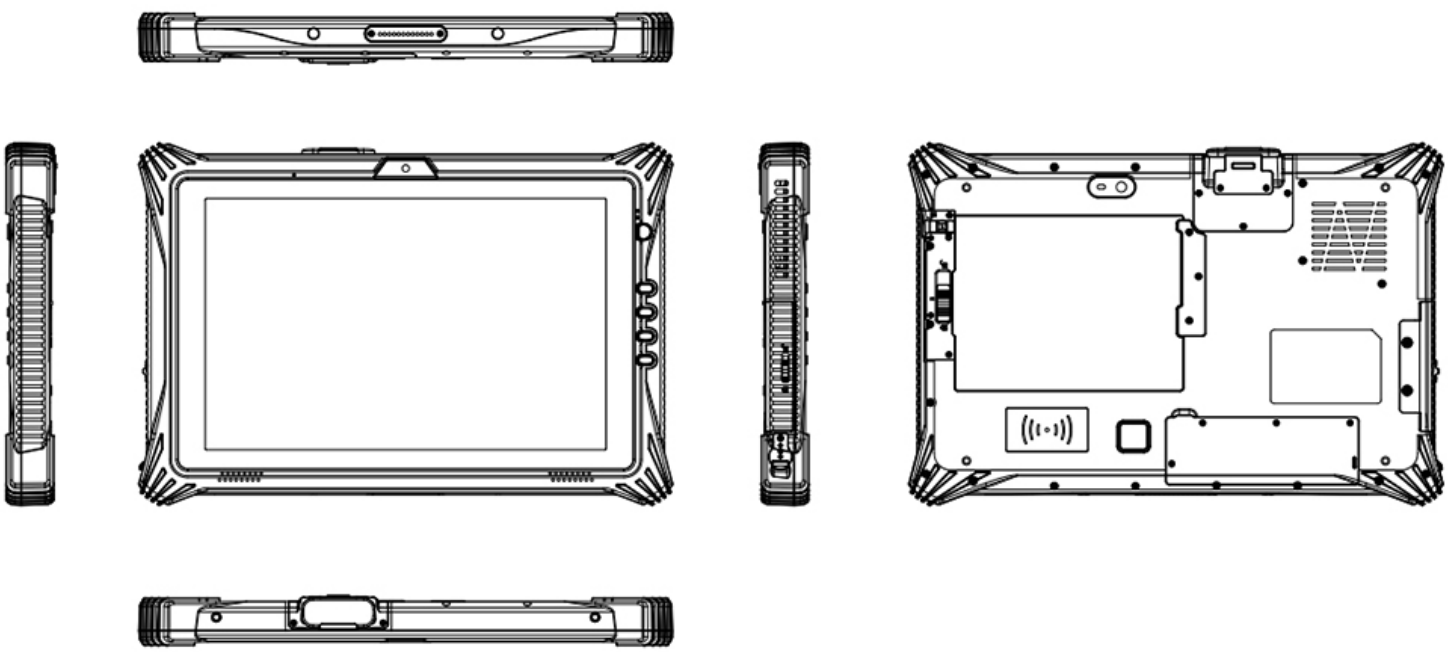


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Tech Diagram Images





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