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 rugged tablet PC 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.

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	2.0 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

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

Display

Screen Size	12.2"
Screen Resolution	1920 x 1200 (WUXGA)
Brightness	280 nits

Touch Screen

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

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

Specifications subject to change.

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I/O Diagram Images

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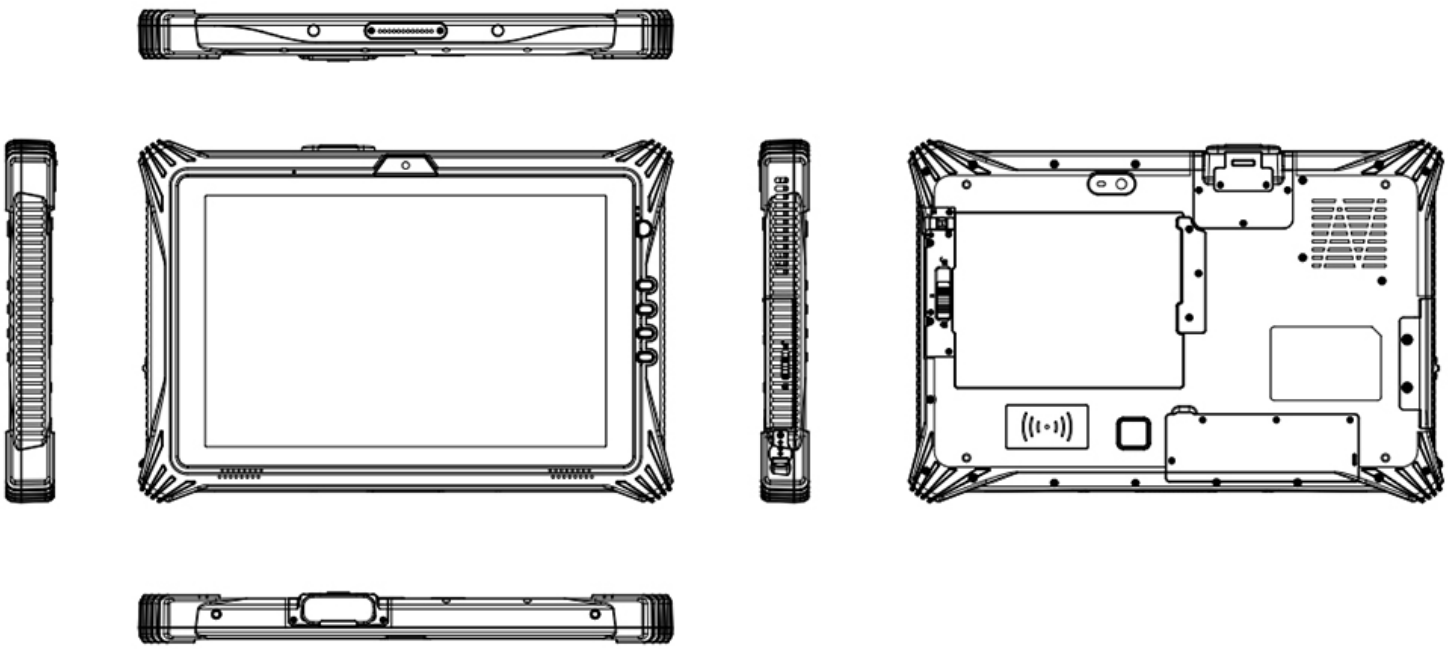
Tech Diagram Images



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