TEGUAR

TRT-5180-12

12" Rugged Tablet PC



Key Highlights

- 12.2" LCD Gorilla Glass Touch Screen
- Intel® Kaby Lake or Skylake Dual Core CPU
- Wi-Fi, Bluetooth, GPS
- Hot-Swappable Battery
- MIL-STD-810G Shock and Drop Resistant
- IP65 Waterproof Protection
- **Note:** Only Intel Kaby Lake Dual-Core processor available if purchased online

VIEW ONLINE

The TRT-5180-12 is a full IP65 protected ten point projective capacitive 12" touch screen tablet which is ideal for field use in industrial conditions. The hot-swappable battery facilitates 24/7 operation with no interruptions. This rugged tablet PC can withstand accidental drops, shocks, and falls, as it complies with MIL-STD-810G ratings. The anti-scratch Gorilla Glass ensures durability through high-use conditions. This tablet has built-in connectivity options including 5G Sub 6, 3G/4G LTE, WiFi, Bluetooth, GPS, and Accelerometer. *Read the Product Review from RuggedPCReview >*

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Technical Specifications

Primary Components

Processor Family	Intel Core M series, 6th or 7th Generation
Processor Speed	1.0 GHz, 900 Mhz
Memory Type	Onboard DDR3
Memory Support	4GB, 8GB
Storage Type	M.2
Storage Support	64GB (Standard), up to 256GB (Optional)

External I/O Ports

USB	1x USB Type C (USB 3.0, HDMI, Charging), 2x USB 2.0
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232 (2wire), 1x RS-485 (2wire)
Ethernet / LAN	1x RJ45 GbE LAN
Video Outputs	1x Mini HDMI
Audio Ports	1x 3.5mm Headphone Jack
Power Input Port	3.5mm DC-in Jack

Compatibility

Security Hardware	TPM 2.0

Multimedia

Speakers	2x 0.8W Speakers
Camera	Front: 2MP, Rear: 5MP
Microphone	Built-in Microphone

Thermal & Environmental

Operating Temperature	-10°C - 50°C (14°F – 122°F), -20°C - 60°C (Optional -4°F – 140°F)
Storage Temperature	-30°C - 70°C (-22°F – 158°F)
Cooling Solution	Passive – Fanless
Humidity Range	95% Non-condensing

Peripherals & Wireless Connectivity

WiFi	802.11AC
Bluetooth	Bluetooth 4.2
GPS	UBlox Neo 7M
Mobile Network 4G LTE	Optional M.2 Quectel 4G LTE , North America,South America, EMEA, Austrailia/NZ
Mobile Network 5G	Optional 5G Sub 6 Global M.2 module: (n1/n2/n3/n5/n7/n8/n12/n20/n28/n38/n40/n41/n48/n66/n71/n77/n78/n79)
Sim Card	1x Micro SIM Card Slot
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional RFID Scanner (NFC 13.56 Mhz ISO/IEC

Display

Screen Size	12.2"
Screen Resolution	1920 x 1200 (WUXGA)
Screen Ratio	16:10
Brightness	280 nits

Touch Screen

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

Power

Input Voltage Range	10-13V DC
Standard Power Adapter	12V/48Watt Power Supply

Battery

Battery Type	Hot Swappable 7.4V/6300mAh Battery
Battery Operating Time	6hrs

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro

Expansion Slots

Internal M.2	1x M.2
Video Card Support	Intel® HD Graphics 515
SD card	1x Micro SD Slot
Other	Pogo Pin Expansion

Enclosure

Material	Double Injection
IP Rating	IP65
Color	Black
Control Buttons	Audio Down, Audio Up, Power Button, Scanner
Programmable Function Buttons	2x Programmable Function Keys
Shock Rating	MIL-STD-810G
Drop Rating	4ft Drop Protection
Mounting Options	Forklift Mount, Vehicle Mount, VESA 100 Mount
Approved Cleaning Solutions	3M HB Quat, Acetone, Actichlor, Alcohol, Ammonium Nitrate (low concentration), Antigone, Betasept, Bleach, Caviwipes, Chloride, CIDEX, Control III Disinfectant Germicide, Dispatch Disinfectant Cleaner CLH69101, Incidin, Isopropyl Alcohol, LpH se, MikroBac, Mikrozid, Peridox, Puregreen 24 Disinfectant, SDW 70C, Sodium Hypochlorite, SporeClear, Trigene, Viraguard, Virkon, Windex

Weight / Dimensions

Weight	1.5 kg (3.3 lbs)

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Specifications subject to change.

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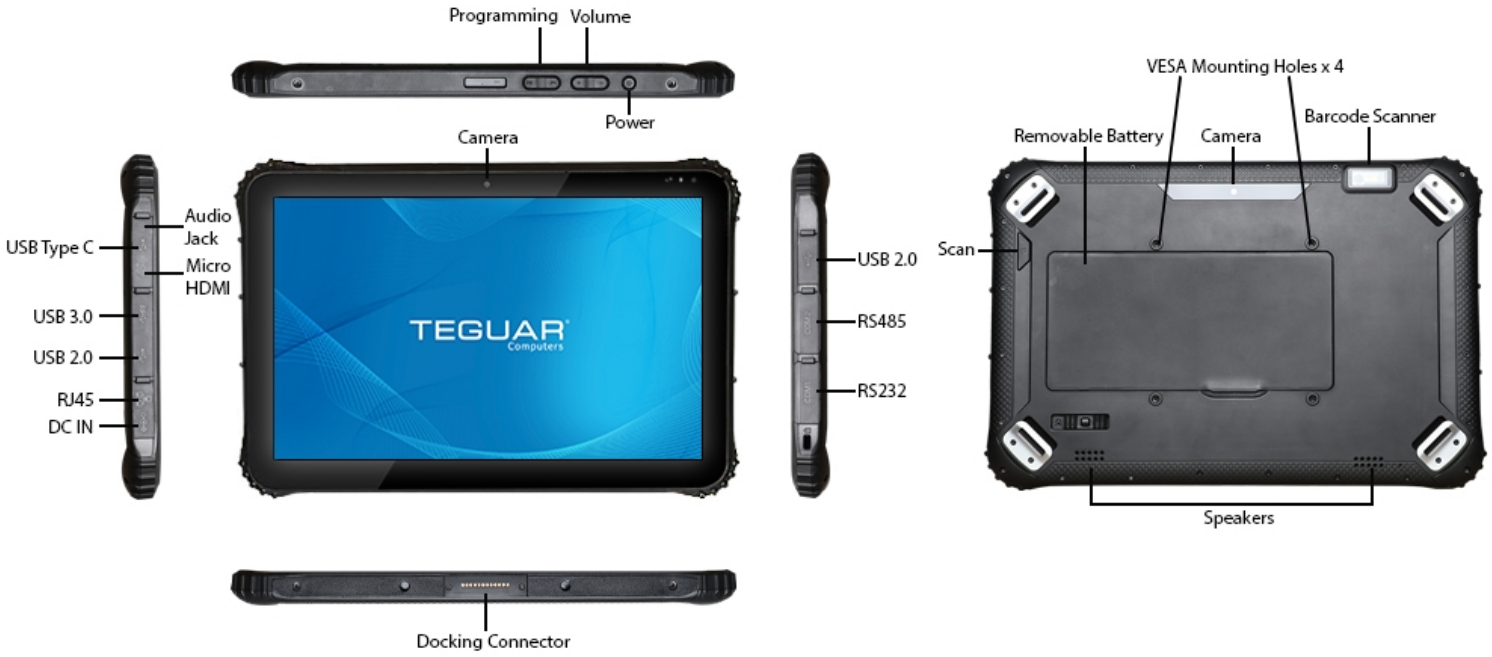
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I/O Diagram Images

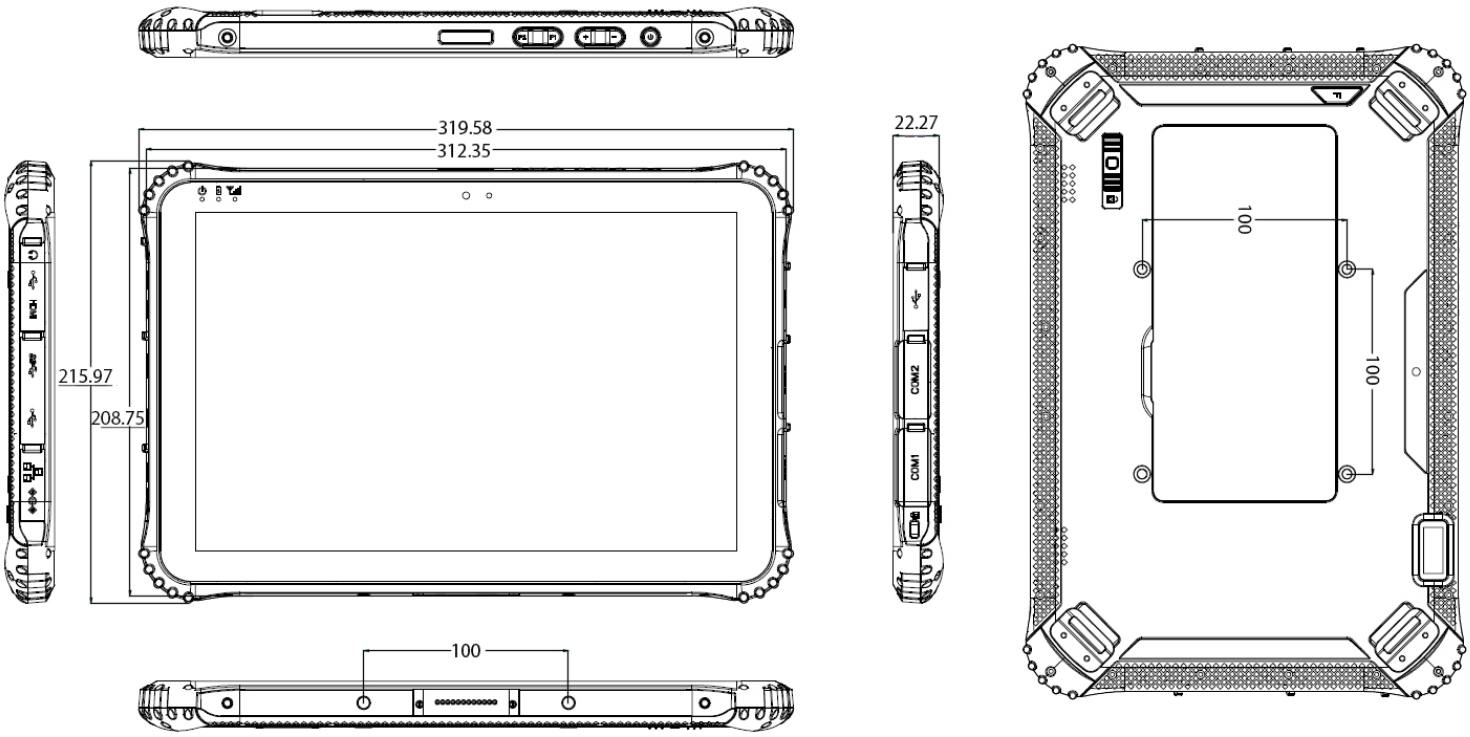


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Tech Diagram Images



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