



Features

- 12.2" Full HD Touchscreen
- Intel Quad Core Z8350 CPU
- Fanless Cooling System
- Built-in Wi-Fi and Bluetooth
- Optional Barcode Scanner
- MIL-STD-810G and IP65 Rated

Technical Specifications

General

Main Category Rugged Tablet PC

Primary Components

Processor Family Intel Atom CherryTrail
Processor Model Z8350
Processor Speed 1.44 GHz
Memory Type Onboard DDR3
Memory Support 4GB
Storage support 32GB (Standard), up to 128GB (Optional)

Display

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

Expansion Slots

video card support Intel HD Graphics 400
SD card 1x Micro SD Slot
Other Pogo Pin Expansion

Multimedia

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

Thermal and Environmental

Operating Array
Temperature (-4°F – 140°F)
Storage Temperature Array
 (-22°F – 158°F)
Humidity Range 95% Non-condensing
Cooling Solution Passive – Fanless

Touch Screen

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

Enclosure

Material	Double Injection
Ip Rating	IP65
Color	Black
Shock Rating	MIL-STD-810G
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

Cleaning Instructions [View instructions here](#)

External I/O ports

USB	1x USB 2.0, 1x Micro USB Port
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
Docking Connector	Yes
Audio	1x 3.5mm Headphone Jack
Power Input Port	3.5mm DC-in Jack

Peripherals & Wireless Connectivity

WiFi	Wi-Fi a/b/g/n/ac
BlueTooth	Bluetooth 4.0
GPS	Ublox 7
Mobile Network 3G	Module dependant
Mobile Network 4G LTE	Optional M.2 Quectel 4G LTE , North America, South America, EMEA, Australia/NZ
Sim card	1x SIM Card Slot
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional RFID Scanner (NFC 13.56 Mhz ISO/IEC 14443A/14443B/15693/18092/MiFare)
Peripheral Other	Cigarette adapter; Digitizer Pen; Handstrap; Desktop Dock; Vehicle Dock; Forklift Dock; Shoulder Strap; Back Strap; Mounts
Sensors	Accelerometer

Power

Dimensions / Weight

Weight	1.5 KG (3.3 lbs)
Dimensions	319.6 x 216 x 23.4 mm (12.6 x 8.5 x 0.9 in)

Battery

Type	Removable 3.7V/12600mAh Battery
Operating Time	8hrs (Default 50% volume, 50% Brightness, Playing 1080P Video)
Quantity	1x Battery

Certification

Certifications	CE
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Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro
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Warranty

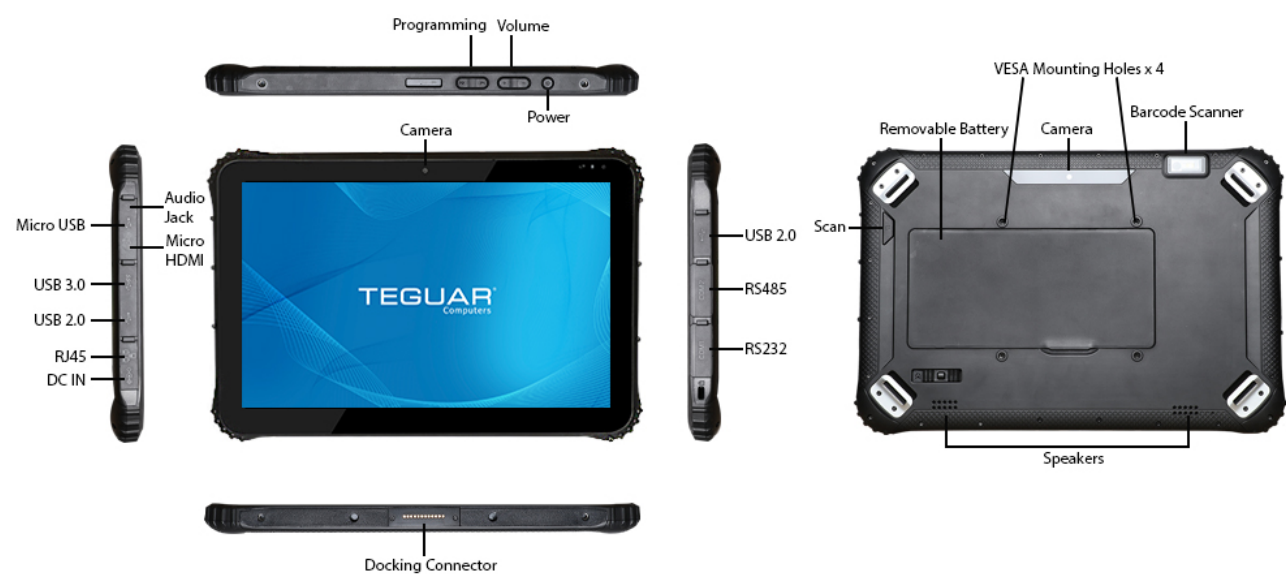
Warranty	Up to 3 Years
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Compatibility

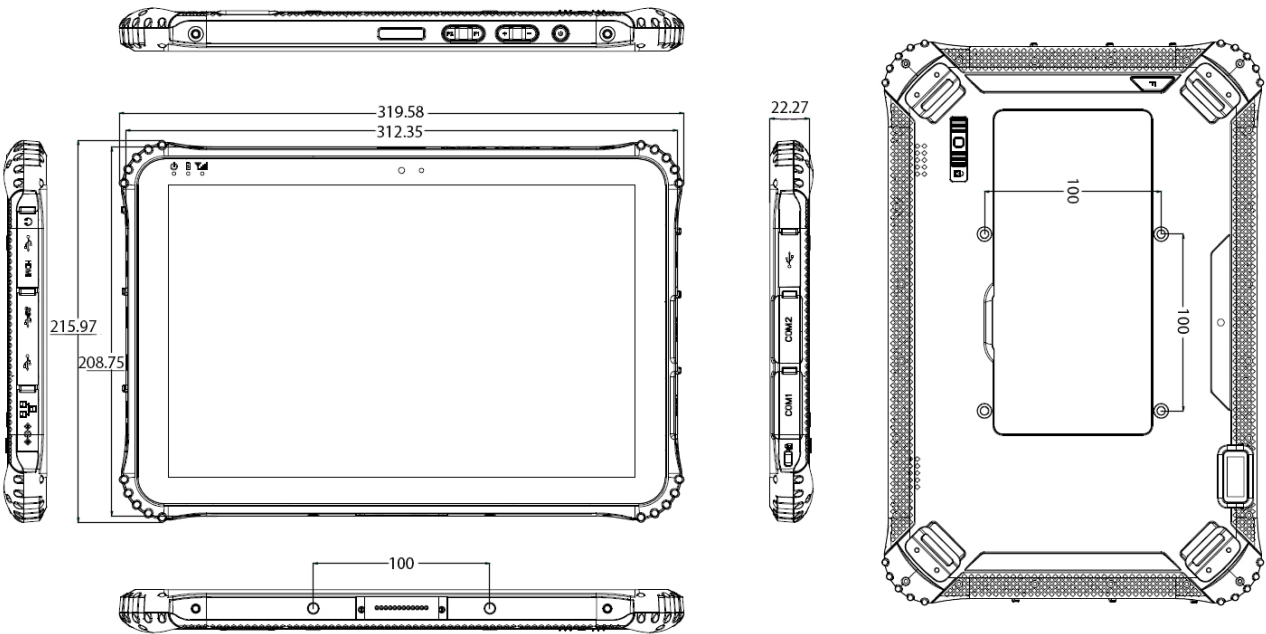
Security Hardware	fTPM 2.0
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Filters

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.