



## 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

### 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"
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

### External I/O Ports

USB	1x Micro USB Port, 1x 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

### Battery

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

## Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro
---------	--------------------------------

## Compatibility

Security Hardware	fTPM 2.0
-------------------	----------

## 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 & Environmental

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

## 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

## Peripherals & Wireless Connectivity

WiFi	Wi-Fi a/b/g/n/ac
Bluetooth	Bluetooth 4.0
GPS	Ublox 7
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

**Weight / Dimensions**

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)

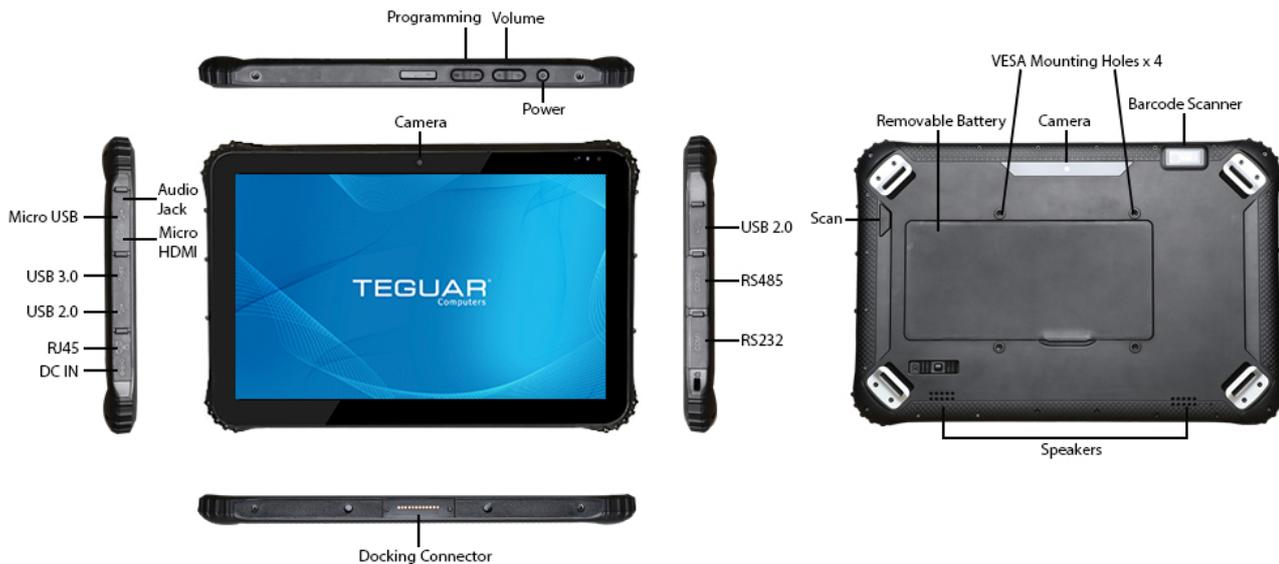
**Certification**

Certifications	CE
----------------	----

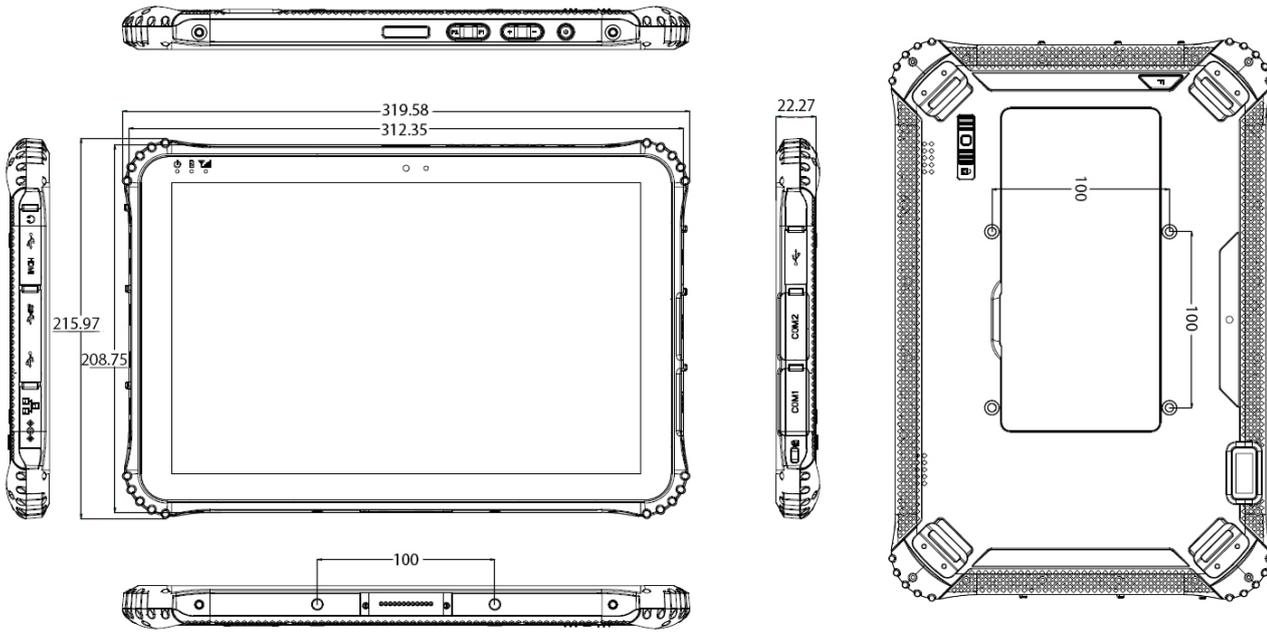
**Warranty**

Warranty	1 Year
----------	--------

**I/O Diagram Images**



**Tech Diagram Images**



*All specifications are subject to change without notice.*