



Features

- 8” Full HD Display with Touch
- Octa-Core Processor, 2.0/2.2 Ghz
- Android 11 with Google Mobile Services
- Slim, Lightweight Design with MIL-STD-810H Rating
- Optional 2D scanner

Technical Specifications

General

Primary Components

Processor Family	MediaTek ARM Cortex-A55/A76
Processor Model	MT6833 OctaCore
Memory Type	Onboard DDR4L
Memory Support	8GB
Storage type	Onboard eMMC Flash
Storage support	128GB

Display

Screen Size	8"
Resolution	1920 x 1200 (WUXGA)
Screen Ratio	16:10
Brightness	550 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
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Expansion Slots

SD card	1x Micro SD Slot
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Multimedia

Speakers	1x 1W Speaker
Camera	Front: 5MP, Rear: 13MP

Thermal and Environmental

Operating Temperature	Array (14°F – 122°F)
Storage Temperature	Array (-4°F – 140°F)
Humidity Range	5% – 95% Non-condensing
Storage Humidity	5% – 95% Non-condensing
Cooling Solution	Passive – Fanless

Enclosure

Material	PC+ABS
Ip Rating	IP65
Color	Black (Standard), White (with MOQ)
Control Buttons	Audio Down, Audio Up, Power Button, Scanner
Shock Rating	MIL-STD-810H
Drop Rating	4ft Drop Protection

External I/O ports

USB	1x USB 2.0 type C (PD)
Docking Connector	Yes
Other Ports	12 Pin Pogo
Power Input Port	USB Type-C OTG

Peripherals & Wireless Connectivity

WiFi	802.11 a/b/g/n/ac (2.4Ghz + 5.0Ghz)
BlueTooth	Bluetooth 5.1
GPS	yes
Sim card	1x SIM Card Slot
Barcode Scanner	Optional 1D/2D Barcode Scanner
Sensors	Accelerometer

Power

Standard Power Adapter	USB Type C, 9V 2A
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Dimensions / Weight

Weight	524 KG (1,155.2 lbs)
Dimensions	219x12.5x139 mm (8.6 x 0.5 x 5.5 in)

Battery

Type	Internal 3.8V/9500mAh Battery
Operating Time	13hrs
Quantity	1x Battery

Certification

Operating Systems

Android	Android 11
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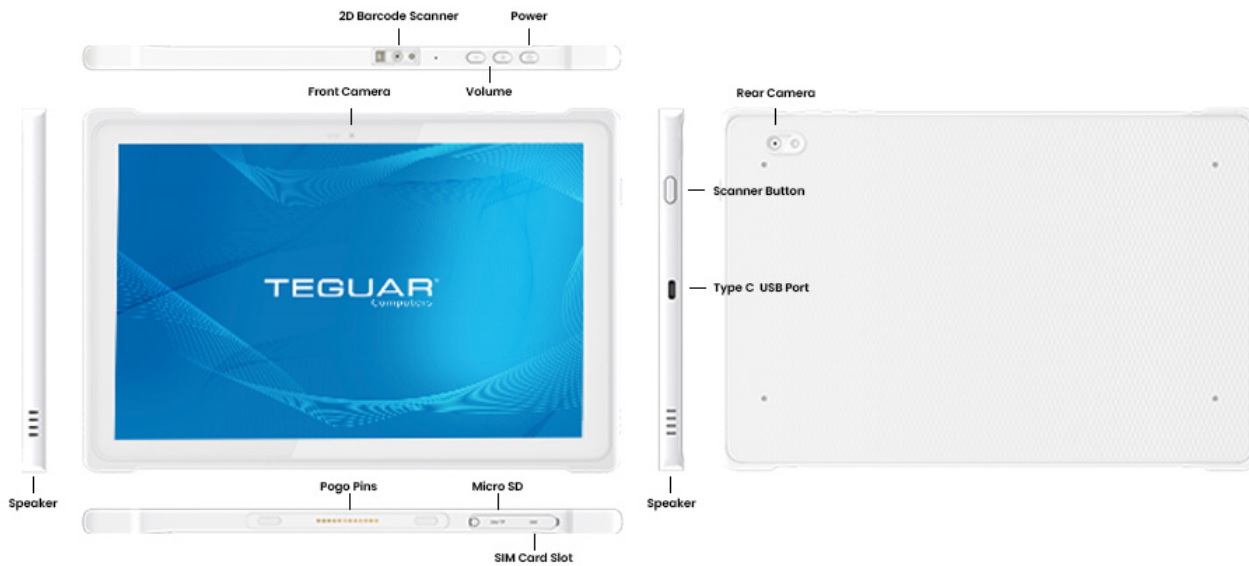
Warranty

Warranty	1 Year
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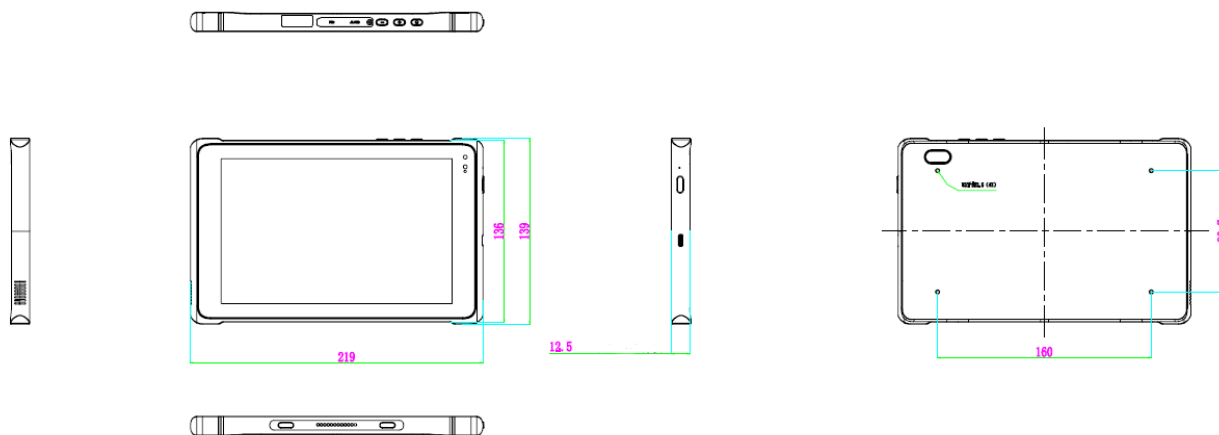
Compatibility

Filters

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.