**TEGUAR**

## Features

- Intel 12th Gen N150 Alder Lake Processor
- Windows 11 Home, Pro, or IoT
- 10.1" Full HD Screen with 700 nits Brightness
- IP67 Rated Dust- and Water-Resistant
- Two USB-C for Power In and A/V Out
- Dual Band Wi-Fi, Bluetooth, 4G/5G LTE

## Technical Specifications

### Primary Components

| | |
|---|---|
| Processor Family | Intel Twin Lake |
| Processor Model | Intel Processor N150 |
| Processor Speed | Up to 3.6 GHz |
| Memory Type | Onboard LPDDR5 |
| Memory Support | 8GB |
| Storage Type | Onboard eMMC Flash |
| Storage Support | 128GB (On board) |

### Display

| | |
|---|---|
| Screen Size | 10.1" |
| Screen Resolution | 1920 x 1200 (WUXGA) |
| Screen Ratio | 16:10 |
| Brightness | 700 nits |

### Touch Screen

| | |
|---|---|
| Touch Screen | Projected Capacitive (Multi-touch) |

### External I/O Ports

| | |
|---|---|
| USB | 1x USB 2.0 (via Pogo 12-Pin Connection), 2x USB 3.2 Type C |
| Video Outputs | 1x USB-C |
| Power Input Port | USB Type-C PD Input |

### Power

| | |
|---|---|
| Standard Power Adapter | Type-C, 33W/PD 3.0 Fast Charging Adapter |

### Battery

| | |
|---|---|
| Battery Type | 7.4V/4800mAh Battery |
| Battery Operating Time | 7.4hrs |

## Operating Systems

| | |
|---|---|
| Windows | Windows 11 Pro |

## Compatibility

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

## Expansion Slots

| | |
|---|---|
| Video Card Support | Intel Graphics |
| SD card | 1x Micro SD Slot |
| Other | Pogo Pin Expansion |

## Multimedia

| | |
|---|---|
| Speakers | 2x 1W Speakers |
| Camera | Front: 5MP, Rear: 13MP |
| 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

| | |
|---|---|
| IP Rating | IP67 |
| Color | Black |
| Led Indicator Light | Power |
| Control Buttons | Audio Down, Audio Up, Power Button, Scanner |
| Shock Rating | MIL-STD-810H |
| Drop Rating | 5.9ft |
| Approved Cleaning Solutions | Alcohol, Petroleum Ether |

## Peripherals & Wireless Connectivity

| | |
|---|---|
| WiFi | 802.11 AX |
| Bluetooth | Bluetooth 5.2 |
| GPS | yes |
| Mobile Network 4G LTE | *Not Certified for USA Carrier Networks, 4G LTE |
| Mobile Network 5G | *Not Certified For USA Carrier Networks, Optional 5G |
| Sim Card | 1x Micro SIM Card Slot |
| Barcode Scanner | Optional 1D/2D Barcode Scanner |
| RFID | NXP NFC (I2C communication protocol) |
| Peripheral Other | Fingerprint Reader, Hand Strap, Optional: Desktop Dock, Digitizer Pen |

## Weight / Dimensions

| | |
|---|---|
| Weight | 0.93 kg (2.1 lbs) |
| Dimensions | 260 x 174.7 x 12.7 mm (10.2 x 6.9 x 0.5 in) |

## Certification

| | |
|---|---|
| Certifications | CE, FCC, IP67 Compliant, MIL-STD-810H Compliant, 60601 Compliant |

## Warranty

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

## 2D Drawing
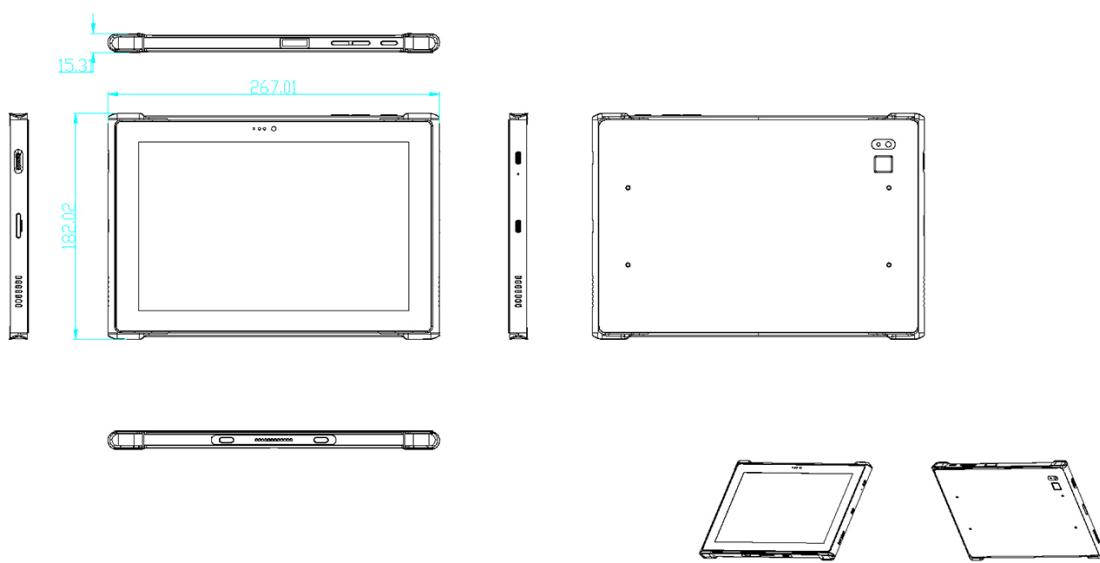


## I/O

1. 1D/2D Barcode Scanner
2. Volume Control
3. Power Button
4. Programmable Button
5. mSIM Card Slot
6. 2x USB-C with DP and PD
7. 12-Pin Pogo Connection

*All specifications are subject to change without notice.*