



## Features

- 10.1" Gorilla Glass Touchscreen
- Intel Jasper Lake Quad-Core CPU
- Wi-Fi , Bluetooth, GPS, and optional NFC
- MIL-STD-810G Shock and Drop Resistant
- USB Type C, USB Type A, RS232 COM port
- Pogo Pin Expansion for Docking stations

## Technical Specifications

### Primäre Komponenten

|                  |                             |
|------------------|-----------------------------|
| Processor Family | Intel Jasper Lake Quad-Core |
| Processor Model  | N5100                       |
| Processor Speed  | 1.1 GHz, Up to 2.8 GHz      |
| Memory Type      | Onboard DDR4                |
| Memory Support   | 8GB                         |
| Storage Type     | Onboard eMMC Flash          |
| Storage Support  | 128GB                       |

### Display

|              |          |
|--------------|----------|
| Screen Size  | 10.1"    |
| Screen Ratio | 16:10    |
| Brightness   | 400 nits |

### Touchscreen

|              |                                    |
|--------------|------------------------------------|
| Touch Screen | Projected Capacitive (Multi-touch) |
| Hardness     | 7H                                 |
| Glass Type   | Gorilla Glass                      |

### Externe E/A-Ports

|                        |                               |
|------------------------|-------------------------------|
| USB                    | 1x USB 3.0, 1x USB 3.0 type C |
| Serial / Com           | 1x COM                        |
| Serial Protocol Detail | 1x RS-232(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              |

### Leistung

|                        |  |
|------------------------|--|
| Input Voltage Range    | 19V DC                                   |
| Standard Power Adapter | 19V DC 3.42A 4.0mm with US AC Power Cord |

## Batterie

|                        |                                |
|------------------------|--------------------------------|
| Battery Type           | Removable 7.4V/5000mAh Battery |
| Battery Operating Time | 6.5hrs                         |

## Betriebssysteme

|         |  |
|---------|--|
| Windows | Windows 10 IoT, Windows 10 Pro, Windows 11 Pro |
|---------|--|

## Kompatibilität

|                   |         |
|-------------------|---------|
| Security Hardware | TPM 2.0 |
|-------------------|---------|

## Erweiterungssteckplätze

|                    |                        |
|--------------------|------------------------|
| Video Card Support | Intel® HD Graphics 515 |
| SD card            | 1x Micro SD Slot       |
| Other              | Pogo Pin Expansion     |

## Multimedia

|            |                       |
|------------|-----------------------|
| Speakers   | 1x 1W Speaker         |
| Camera     | Front: 5MP, Rear: 8MP |
| Microphone | Built-in Microphone   |

## Thermisch & Umwelt

|                       |                              |
|-----------------------|------------------------------|
| 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           |

## Gehäuse

|                               |   |
|-------------------------------|---|
| Material                      | Double Injection  |
| IP Rating                     | IP65  |
| Color                         | Black   |
| Led Indicator Light           | Power   |
| Control Buttons               | Audio Down, Audio Up, Home, Power Button, Scanner   |
| Programmable Function Buttons | 2x Programmable Function Keys   |
| Shock Rating                  | MIL-STD-810G  |
| Drop Rating                   | 4ft Drop Protection   |
| Mounting Options              | Desktop Stand, Forklift Mount, Vehicle 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 |

## Peripheriegeräte und drahtlose Konnektivität

|                       |  |
|-----------------------|--|
| WiFi                  | Wi-Fi (a/b/g/n/ac)   |
| Bluetooth             | Bluetooth 5.1  |
| GPS                   | yes  |
| Mobile Network 4G LTE | Project Based  |
| Mobile Network 5G     | Project Based  |
| Sim Card              | 1x Micro 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, Light Sensor  |

## Gewicht / Abmessungen

|            |   |
|------------|---|
| Weight     | 1.01 kg (2.2 lbs)                         |
| Dimensions | 280 x 187 x 26.6 mm (11.0 x 7.4 x 1.0 in) |

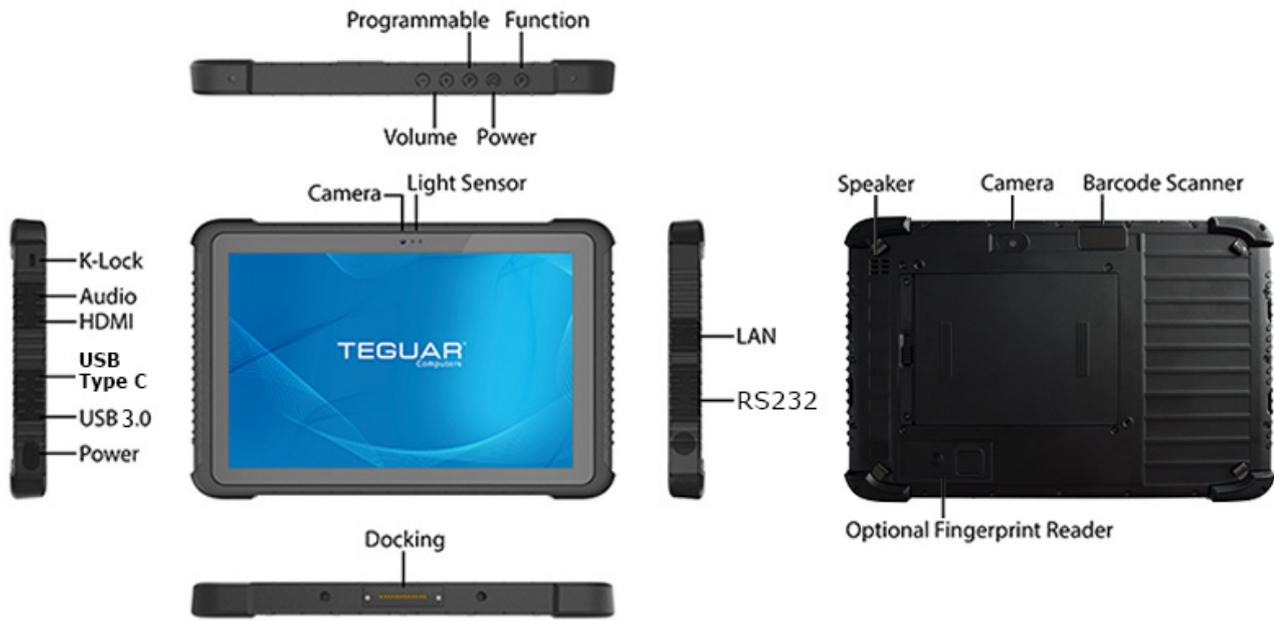
## Zertifizierung

|                |   |
|----------------|---|
| Certifications | ANATEL (Brazil), BIS (India), C-tick (Australia), CCC (China), CE, FCC, IC (Canada), KC (South Korea), NOM (Mexico), TELEC (Japan), UKCA (United Kingdom) |
|----------------|---|

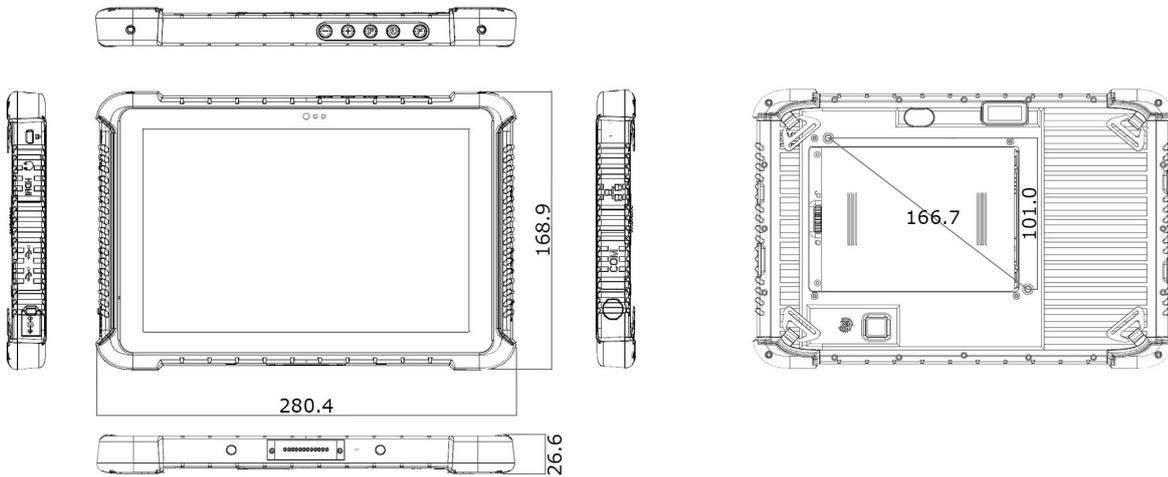
## Garantie

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

I/O Diagram Images



Tech Diagram Images



*All specifications are subject to change without notice.*