

# TRT-6280-10S

Slim Rugged Tablet with Fast Charging



## Key Highlights

- 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

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The TRT-6280-10S Tablet is a slim, cost-effective, compact powerhouse designed to accompany its operator anywhere. Ruggedized against dust, water, drops, and electrostatic discharge, this tablet thrives from the showroom to the field with an IP67 rating, MIL-STD-810H certification, and durable hand strap for easy carrying. Add the 2D scanner or active stylus for use in the warehouse and dock it via USB-C for 33W fast charging when the long-life battery (7.4 hours) needs a charge.

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# 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)     |

## 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               |

## Expansion Slots

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

## 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           |

## Peripherals & Wireless Connectivity

|                       |   |
|-----------------------|---|
| WiFi                  | 802.11 AX   |
| Bluetooth             | Bluetooth 5.2   |
| GPS                   | yes   |
| Mobile Network 4G LTE | 4G LTE, *Not Certified for USA Carrier Networks                       |
| 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 |

## Display

|              |          |
|--------------|----------|
| Screen Size  | 10.1"    |
| Screen Ratio | 16:10    |
| Brightness   | 700 nits |

## Touch Screen

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

## External I/O Ports

|                  |                     |
|------------------|---------------------|
| USB              | 2x USB-C            |
| Video Outputs    | 1x USB-C            |
| Power Input Port | USB Type-C PD Input |

## Operating Systems

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

## Compatibility

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

## Multimedia

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

## 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                    |

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

## Warranty

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

Specifications subject to change.

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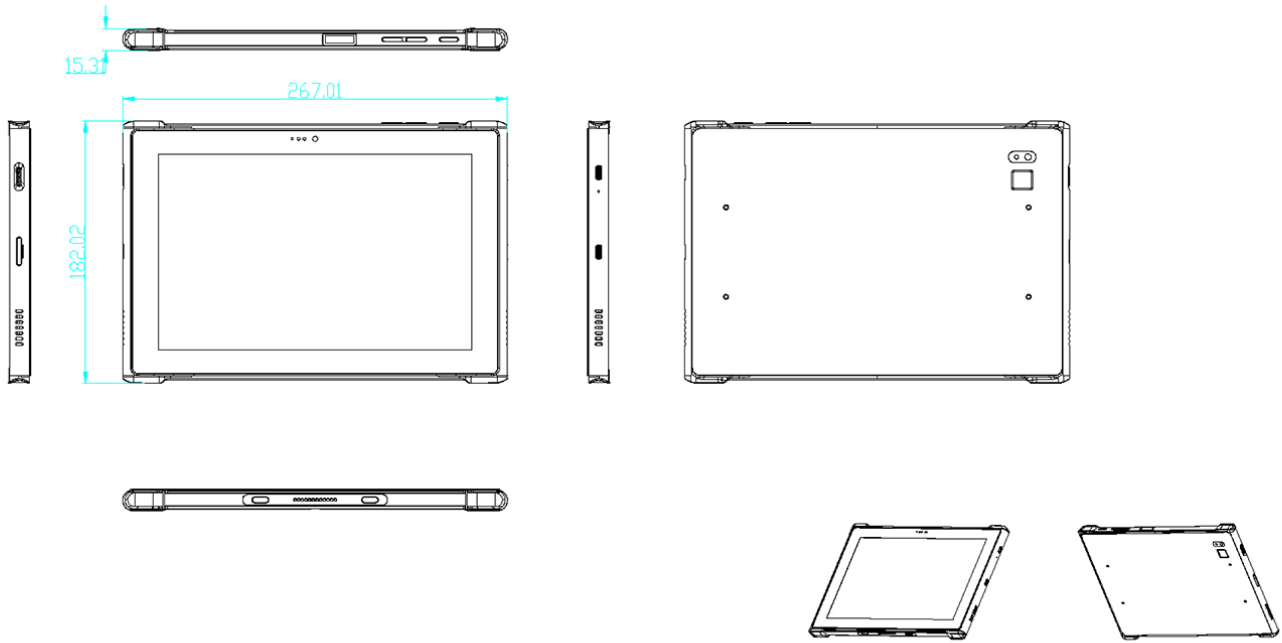
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## 2D Drawing



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1. ID/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

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