

# TRT-A5380-10

## 10" Rugged Tablet with Android



### Key Highlights

- 10" Projective Capacitive Touchscreen
- 1.4Ghz ARM Cortex Quad Core CPU
- Android 8.1 Operating System
- Built-in Wi-Fi, Bluetooth 4.0, 4G, NFC, and GPS
- MIL-STD-810G Shock and Drop Resistant
- IP65 Waterproof Enclosure

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The TRT-A5380-10 is a fully rugged, 10-inch industrial-grade tablet built to withstand the elements. It's Android 8.1 operating system gives this tablet a user-friendly interface that can easily integrate with your other devices. This industrial tablet PC is fully waterproof with an IP65 rating and it also complies with MIL-STD-810G, so it can withstand drops, shocks, and vibrations. The TRT-A5380-10 has extensive connectivity with built-in WiFi, Bluetooth, GPS, and 4G LTE. It also has an optional barcode scanner and NFC scanner build right into the unit. This tablet has additional accessories such as various straps, a vehicle/forklift mount, or it can rest in the docking station, where the tablet can charge and peripherals can be plugged in through the extra I/Os.

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# Technical Specifications

| Primary Components |                                  |
|--------------------|----------------------------------|
| Processor Family   | MediaTek ARM Cortex-A53          |
| Processor Model    | MT8735A QuadCore                 |
| Processor Speed    | 1.4 GHz                          |
| Memory Type        | Onboard DDR3                     |
| Memory Support     | 2GB                              |
| Storage Support    | 32GB (Standard), 64GB (Optional) |

| External I/O Ports |                                  |
|--------------------|----------------------------------|
| USB                | 1x Micro USB 2.0 OTG, 1x USB 2.0 |
| Ethernet / LAN     | 1x RJ45 GbE LAN                  |
| Video Outputs      | 1x Mini HDMI                     |
| Other Ports        | 1x TF Slot                       |
| Audio Ports        | 1x 3.5mm Headphone Jack          |
| Power Input Port   | 3.5mm DC-in Jack                 |

| Expansion Slots    |                    |
|--------------------|--------------------|
| Video Card Support | ARM Mali T720      |
| SD card            | 1x Micro SD Slot   |
| Other              | Pogo Pin Expansion |

| Thermal & Environmental |                                                                   |
|-------------------------|-------------------------------------------------------------------|
| Operating Temperature   | -10°C ~ 50°C (14°F ~ 122°F), -20°C ~ 60°C (Optional -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                                | Wi-Fi 802.11 a/b/g/n                                                                                                                                   |
| Bluetooth                           | Bluetooth 4.0                                                                                                                                          |
| Mobile Network 4G LTE               | Built-in FDD (B1, B2, B3, B4, B5, B7, B8, B17, B20) TDD (B38, B39, B40, B41)                                                                           |
| Sim Card                            | 1x Micro SIM Card Slot                                                                                                                                 |
| Barcode Scanner                     | Optional 1D/2D Barcode Scanner                                                                                                                         |
| RFID                                | Optional NFC 13.56MHz (14443A/B, 15693, 18092, mifare)                                                                                                 |
| Peripheral Other                    | Optional Fingerprint Reader;Cigarette adapter; Digitizer Pen; Handstrap; Desktop Dock; Vehicle Dock; Forklift Dock; Shoulder Strap; Back Strap; Mounts |

|         |                                                 |
|---------|-------------------------------------------------|
| Sensors | Accelerometer, Compass, Light Sensor, Proximity |
|---------|-------------------------------------------------|

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

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

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

| Power                  |                          |
|------------------------|--------------------------|
| Standard Power Adapter | AC100V ~ 240V, 50Hz/60Hz |

| Battery                |                                                                 |
|------------------------|-----------------------------------------------------------------|
| Battery Type           | Removable 3.7V/8500mAh Battery                                  |
| Battery Operating Time | 15hrs (Default 50% volume, 50% Brightness, Playing 1080P Video) |

| Operating Systems |             |
|-------------------|-------------|
| Android           | Android 8.1 |

| Multimedia |                        |
|------------|------------------------|
| Speakers   | 1x 0.8W Speaker        |
| Camera     | Front: 2MP, Rear: 13MP |
| Microphone | Built-in Microphone    |

| Enclosure                     |                                              |
|-------------------------------|----------------------------------------------|
| Material                      | Double Injection                             |
| IP Rating                     | IP65                                         |
| Color                         | Black                                        |
| Control Buttons               | Audio Down, Audio Up, Power Button           |
| Programmable Function Buttons | 1x Programmable Function Key                 |
| Shock Rating                  | MIL-STD-810G                                 |
| 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, Mikrozyd, Peridox, Puregreen 24 Disinfectant, SDW 70C, Sodium Hypochlorite, SporeClear, Trigene, Viraguard, Virkon, Windex |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Weight / Dimensions |                                         |
|---------------------|-----------------------------------------|
| Weight              | 1.02 kg (2.2 lbs)                       |
| Dimensions          | 280 x 187 x 22 mm (11.0 x 7.4 x 0.9 in) |

| Certification  |                 |
|----------------|-----------------|
| Certifications | CE, FCC Class B |

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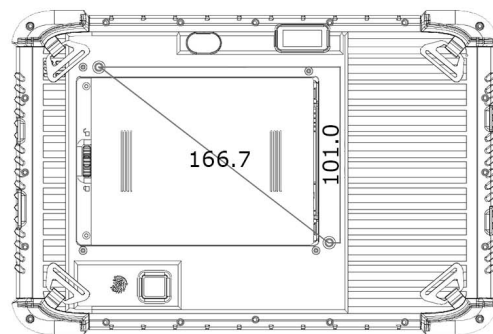
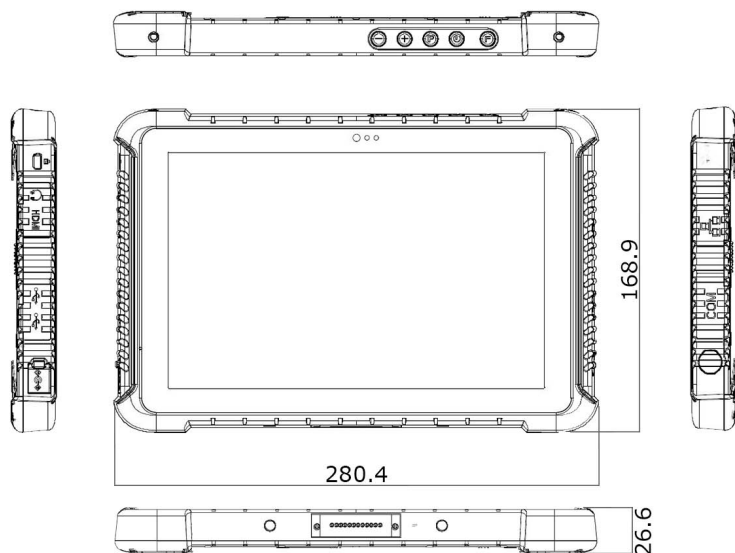
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