TEGUAR

TRT-5380-10

10" Heavy Duty Tablet

Key Highlights

- 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

VIEW ONLINE

The TRT-5380-10 is a 10" fanless rugged tablet with an Intel Jasper Lake Quad-Core CPU. This heavy duty tablet is IP65 waterproof and dustproof rated, as well as complying with MIL-STD-810G to protect from shocks, vibration, and drops. The TRT-5380-10 can withstand being handled by multiple users and has a removable battery that lasts for up to 8 hours. It has an optional 1D/2D barcode scanner and fingerprint reader, as well as built-in WiFi, Bluetooth, GPS, and NFC, as well as two cameras: 5MP on the front, 8MP rear. The TRT-5380-10 will be working reliably in your facility for years to come.

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Technical Specifications

Primary Components

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

External I/O 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

Compatibility

Security Hardware	TPM 2.0

Multimedia

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

Enclosure

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

Weight / Dimensions

Display

Screen Size	10.1"
Screen Resolution	1920 x 1200 (WUXGA)
Screen Ratio	16:10
Brightness	400 nits

Touch Screen

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

Power

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

Battery

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

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 Pro

Expansion Slots

Video Card Support	Intel® HD Graphics 515
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	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;

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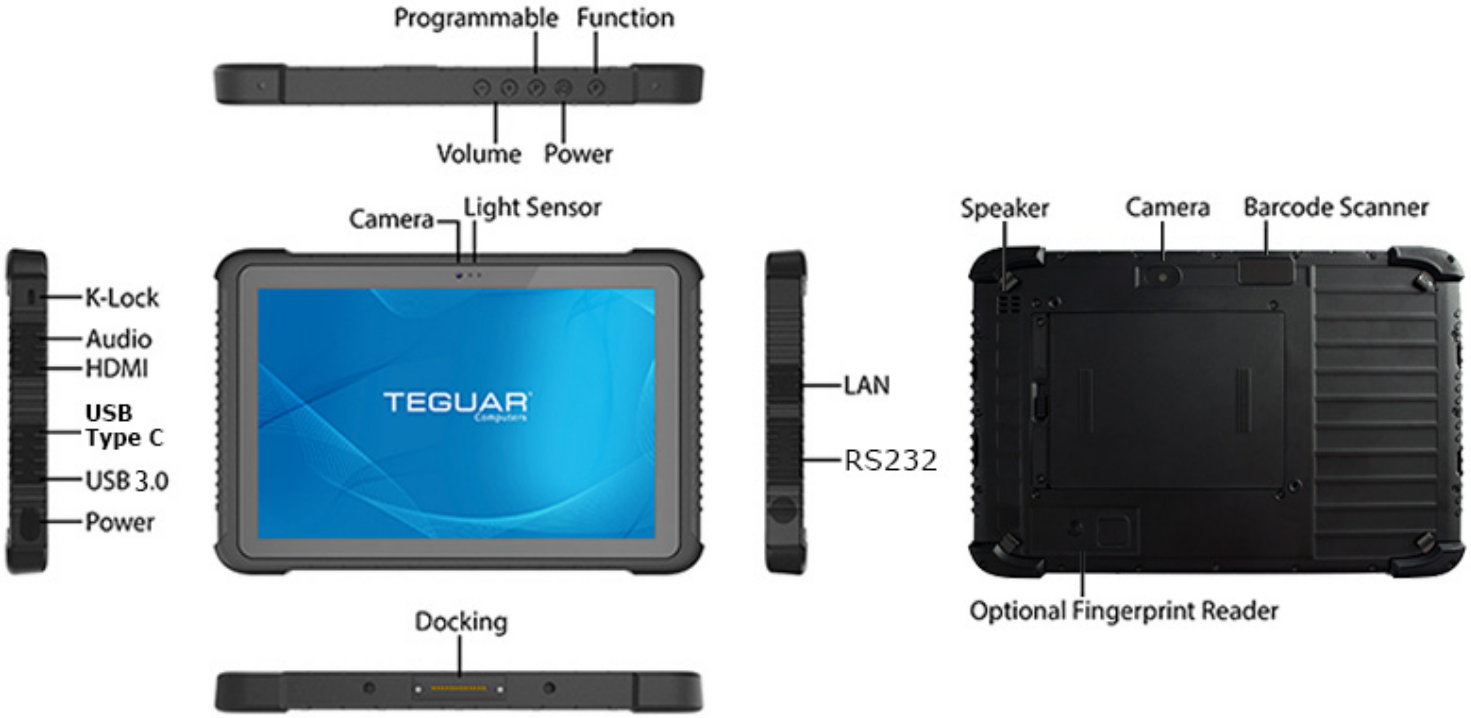
I/O Diagram Images



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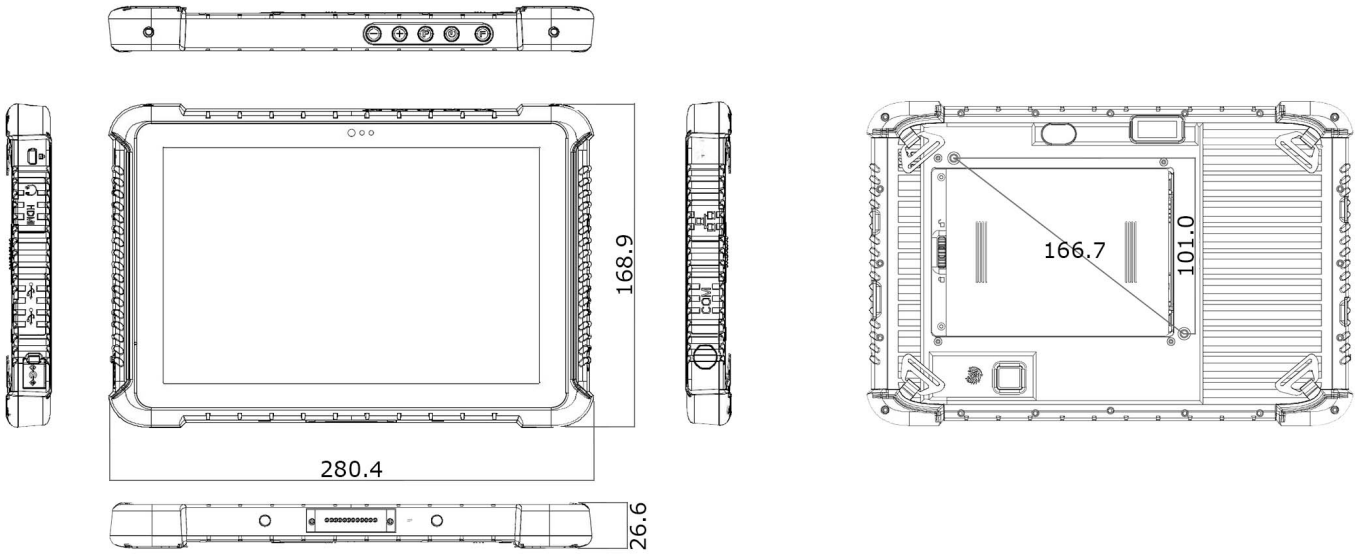
Tech Diagram Images



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