TEGUAR

TRT-4680-08

8" Durable Tablet

Key Highlights

- Intel Jasper Lake Quad-Core processor
- 7H rated anti-scratch glass
- Multiple I/Os including 1x USB 3.0, 1x Type-C USB, 1x Mini HDMI
- Fanless operation
- Full IP65 rated protection

VIEW ONLINE

The TRT-4680-08 is a fanless rugged tablet with an Intel Jasper Lake Quad-core processor. This industrial tablet is IP65 rated, making it completely dustproof and protected from water sprays and splashes. It is also MIL-STD-810G certified, meaning it can survive drops and hard vibrations. The touchscreen is a 5-point multi-touch projected capacitive and is made with 7H rated anti-scratch glass for high crack protection. The TRT-4680-08 is ideal to use in any area of your facility and can even be used outdoors due to the wide range of temperature it can sustain. At 8", this device is easy to carry. It also has built in WIFI and Bluetooth, allowing it to be carried around the shop floor or out in the field without fear of losing connection or work. The TRT-4680-08 will make your operations convenient to oversee no matter where you place it.

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Technical Specifications

Primary Components

Processor Family	Intel Jasper Lake Quad-Core
Processor Model	N5100
Processor Speed	Up to 2.8 GHz
Memory Type	Onboard DDR4
Memory Support	4GB
Storage Support	32GB (Standard), up to 128GB (Optional)

External I/O Ports

USB	1x USB 3.0, 1x USB 3.0 type C
Video Outputs	1x Micro HDMI
Audio Ports	1x 3.5mm Headphone Jack
Power Input Port	3.5mm DC-in Jack

Operating Systems

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

Multimedia

Speakers	2x 0.8W Speakers
Camera	Front: 5MP, Rear: 8MP
Microphone	Built-in Microphone

Enclosure

Material	Double Injection
IP Rating	IP65
Color	Black
Shock Rating	MIL-STD-810G
Mounting Options	Desktop Stand, 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

Weight	0.91 kg (2.0 lbs)
Dimensions	236 x 155 x 20 mm (9.3 x 6.1 x 0.8 in)

Warranty

Warranty	1 Year

Specifications subject to change.

Display

Screen Size	8"
Screen Resolution	1920 x 1200 (WUXGA)
Screen Ratio	16:10
Brightness	550 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)

Power

Standard Power Adapter	AC100V~240V, 50Hz/60Hz output 19V/3.42A

Battery

Battery Type	Removable 7.4V/5000mAh Battery
Battery Operating Time	9hrs

Expansion Slots

Video Card Support	Intel HD 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	Wi-Fi a/b/g/n/ac
Bluetooth	Bluetooth 4.2
Mobile Network 4G LTE	Optional Onboard Quectel 4G LTE, North America, South America, EMEA, Australia/NZ
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional RFID Scanner
Peripheral Other	Cigarette adapter, Digitizer pen, handstrap, desktop dock, vehicle dock, shoulder strap, back strap, mounts
Sensors	Accelerometer, Light Sensor

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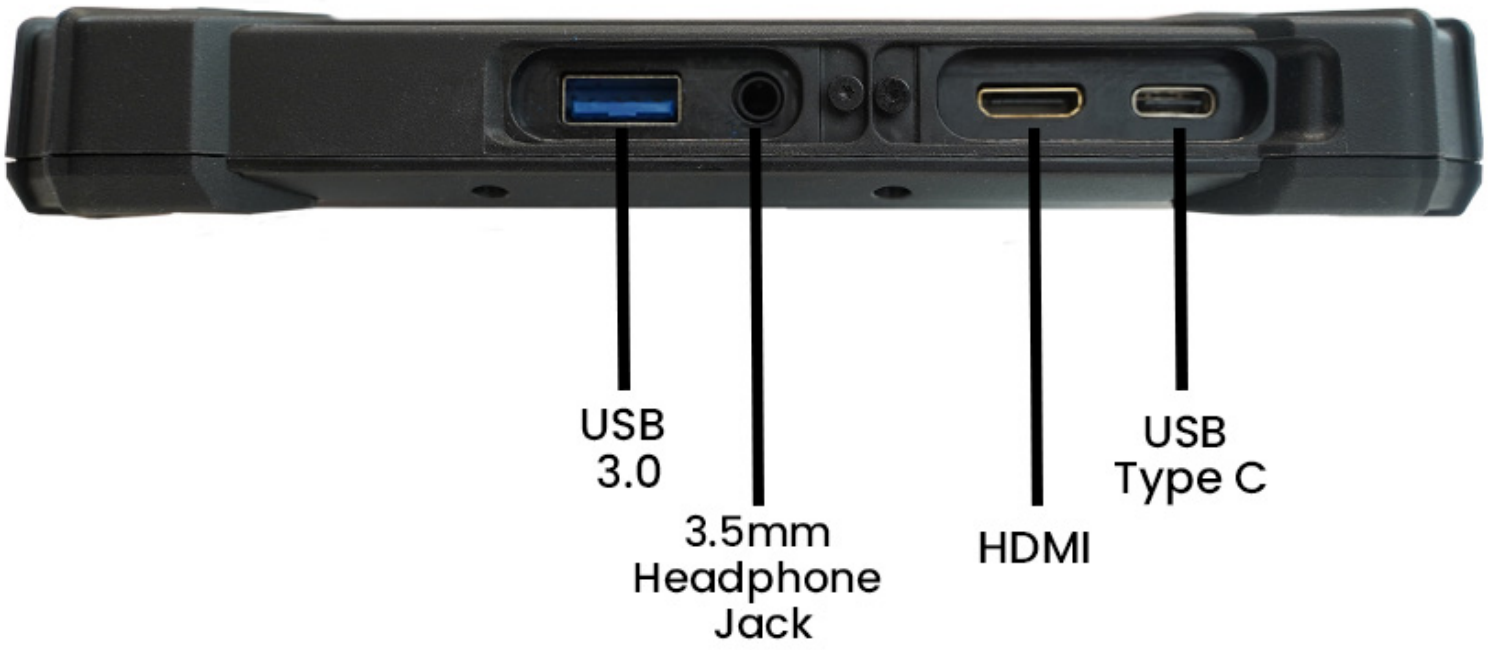
I/O Diagram Images



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