

TRT-7080-10

10" Rugged Tablet with Docking Station



Key Highlights

- 10" Full HD Touchscreen Display
- 12th Generation Intel Core i5/i7 Processor
- M.2 SSD Accessible Storage
- Hot Swappable Battery
- Windows 11 Capability

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The TRT-7080-10 tablet operates seamlessly with its powerful 12th Generation Intel Alder Lake core i5/i7 processor, effortlessly running Windows 11. Its 10" touchscreen boasts a stunning full HD 1920 x 1200-pixel display. Enhancing convenience, this tablet can be effortlessly paired with a docking station, transforming it into a desktop-like workstation. Constructed with durable materials and an IP65 waterproof rating, this rugged tablet withstands even the harshest industrial conditions. Internet browsing and streaming are seamless with WiFi 6 technology. The TRT-7080-10 combines the power of a desktop with the mobility needed for field or industrial settings, offering unparalleled convenience on the go.

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 12th Generation Alder Lake
Processor Model	Core i5-1235U, Core i7-1255U optional
Processor Speed	Up to 4.4 GHz, Up to 4.7 GHz optional
Memory Type	Onboard DDR4L
Memory Support	16GB
Storage Type	M.2 2280 SATA
Storage Support	M.2: 128GB-512GB

Power

Input Voltage Range	19V DC
Standard Power Adapter	19Vdc, 3.42A, 65W US AC

Battery

Battery Type	Hot Swappable 7.4V/5000mAh Battery
Battery Operating Time	4.5hrs

Expansion Slots

SD card	1x Micro SD Slot
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Thermal & Environmental

Operating Temperature	-20°C - 60°C (-4°F - 140°F)
Storage Temperature	-20°C - 70°C (-4°F - 158°F)
Cooling Solution	Active - with Fan
Humidity Range	95% Non-condensing

Peripherals & Wireless Connectivity

WiFi	WiFi 802.11(a/b/g/n/ac/ax)
Bluetooth	Bluetooth 5.1
GPS	yes
Sim Card	1x Micro SIM Card Slot, 1x SIM Card Slot
Barcode Scanner	Optional 1D/2D Barcode Scanner
Sensors	Gyroscope

Warranty

Warranty	1 Year
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Specifications subject to change.

Display

Screen Size	10.1"
Screen Resolution	1920 x 1200 (WUXGA)
Screen Ratio	16:10
Brightness	700 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
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External I/O Ports

USB	1x USB 3.0, 1x USB 3.0 type C
Video Outputs	1x Mini HDMI
Other Ports	12 Pin Pogo
Audio Ports	1x 3.5mm Audio Line-Out
Power Input Port	4.0mm DC-in Jack

Operating Systems

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

Speakers	1x 1W Speaker
Camera	Front: 2MP, Rear: 8MP
Microphone	Built-in Microphone

Enclosure

IP Rating	IP65
Color	Black
Led Indicator Light	Charging Indicator, Power
Control Buttons	Audio Down, Audio Up, Home, Power Button, Scanner
Shock Rating	MIL-STD-810G
Drop Rating	4ft Drop Protection

Weight / Dimensions

Weight	1.14 kg (2.5 lbs)
Dimensions	289.9 x 196.7 x 27.4 mm (11.4 x 7.7 x 1.1 in)

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I/O Diagram Images



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