TRT-7080-12

12" Rugged Tablet with Docking Station

Key Highlights

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

[VIEW ONLINE]

The TRT-7080-12 features a 12" touchscreen display that delivers stunning visuals with a full HD resolution of 1920 x 1200 pixels. This tablet operates on a 12th generation Intel Alder Lake CPU and can effortlessly run Windows 11. With WiFi 6 technology, internet browsing and streaming are seamless. Adding convenience, it can be paired with a docking station to transform it into a desktop-like workstation. With the ability to merge the performance of a desktop with the portability requires for field or industrial settings, the TRT-7080-12 provides unmatched convenience while on the move.

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

External I/O Ports

Power Input Port	4.0mm DC-in Jack

Battery

Battery Type	Hot Swappable 7.4V/6300mAh Battery
Battery Operating Time	4hrs

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	1.5 kg (3.3 lbs)
Dimensions	339 x 230 x 26 mm (13.3 x 9.1 x 1.0 in)

Display

Screen Size	12.2"
Screen Resolution	1920 x 1200 (WUXGA)
Screen Ratio	16:10
Brightness	650 nits

Touch Screen

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

Power

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

Operating Systems

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

Thermal & Environmental

Operating Temperature	-20ºC - 60ºC (-4ºF – 140ºF)
Storage Temperature	-20ºC - 70ºC (-4ºF – 158ºF)
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

Specifications subject to change.

I/O Diagram Images

Front Camera
Corning gorilla glass touch panel

Audio port
HDMI port
Interface lock
SIM card slot, TF card slot
USB 3.0 port
Type C port
Power DC Jack

Scanning Button
Home Button
Volume Button +
Volume Button –
Power on/off Button

230.3mm
339.3mm
26mm

pogo pin interface

Battery Switch Latch
Battery
Rear Camera
2D Scanner
Heat dissipation fan

Battery Lock

Protection corner
NFC Reader
Fingerprint Reader