TEGUAR

TMT-6280-10S

Slim Medical Tablet with Fast Charging



Key Highlights

- Intel 12th Gen N150 Alder Lake Processor
- Windows 11 Home, Pro, or IoT
- 10.1" Full HD Screen with 700 nits Brightness
- IP67 Rated Dust- and Water-Resistant
- 60601 Medical Certification Compliant
- Two USB-C for Power In and A/V Out
- Dual Band Wi-Fi, Bluetooth, 4G/5G LTE

VIEW ONLINE

The TMT-6280-10S Medical Tablet is a slim, cost-effective, compact powerhouse with a 60601 medical compliance designed to accompany its operator anywhere. Ruggedized against water, drops, and electrostatic discharge, this tablet thrives from the operating room to patient bedside with an IP67 rating, MIL-STD-810H certification, and durable hand strap for easy carrying. Add the active stylus for taking notes on the go and dock via USB-C for 33W fast charging when the long-life battery (7.4 hours) needs a charge. *TMT-6280-10S is available in Black by default, with a White option available at a MOQ. Contact us for more information.*

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Technical Specifications

Primary Components

Processor Family	Intel Twin Lake
Processor Model	Intel Processor N150
Processor Speed	Up to 3.6 GHz
Memory Type	Onboard LPDDR5
Memory Support	8GB
Storage Type	Onboard eMMC Flash
Storage Support	128GB (On board)

Power

Standard Power Adapter	Type-C, 33W/PD 3.0 Fast Charging Adapter

Battery

Battery Type	7.4V/4800mAh Battery
Battery Operating Time	7.4hrs

Compatibility

Security Hardware	fTPM 2.0

Multimedia

Speakers	2x 1W Speakers
Camera	Front: 5MP, Rear: 13MP
Microphone	Built-in Microphone

Enclosure

IP Rating	IP67
Color	White
Led Indicator Light	Power
Control Buttons	Audio Down, Audio Up, Power Button, Scanner
Shock Rating	MIL-STD-810H
Drop Rating	5.9ft
Approved Cleaning Solutions	Alcohol, Petroleum Ether

Weight / Dimensions

Weight	0.93 kg (2.1 lbs)
Dimensions	260 x 174.7 x 12.7 mm (10.2 x 6.9 x 0.5 in)

Certification

Certifications	60601 Compliant, CE, FCC, IP67 Compliant, MIL-STD-810H Compliant

Warranty

Warranty	1 Year

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)

External I/O Ports

USB	1x USB 2.0 (via Pogo 12-Pin Connection), 2x USB-C 3.2
Video Outputs	1x USB-C
Power Input Port	USB Type-C PD Input

Operating Systems

Windows	Windows 11 Pro

Expansion Slots

Video Card Support	Intel 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	802.11 AX
Bluetooth	Bluetooth 5.2
GPS	yes
Mobile Network 4G LTE	4G LTE, *Not Certified for USA Carrier Networks
Mobile Network 5G	*Not Certified For USA Carrier Networks, Optional 5G
Sim Card	1x Micro SIM Card Slot
Barcode Scanner	M1, Optional 1D/2D Barcode Scanner
RFID	NXP NFC (I2C communication protocol)
Peripheral Other	Fingerprint Reader, Hand Strap, Optional: Desktop Dock, Digitizer Pen

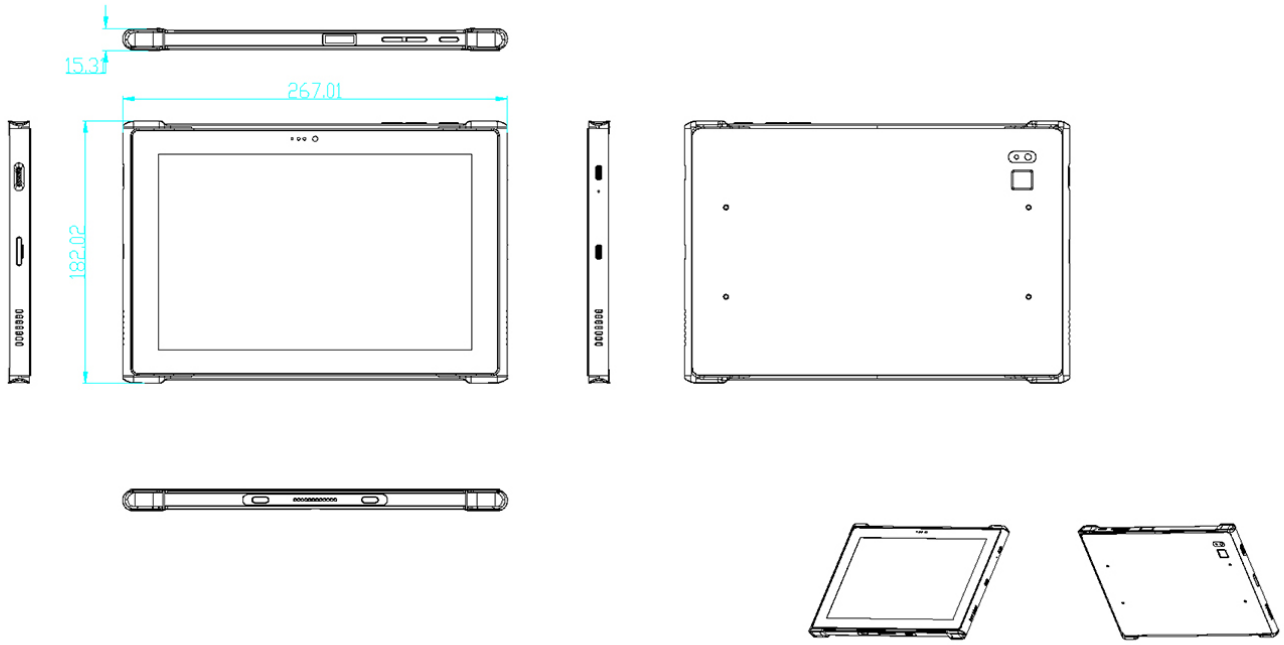
Specifications subject to change.

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2D Drawing



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