TEGUAR

PRISM TMT-7465-10

10" Core Ultra Healthcare Tablet



Key Highlights

- Intel® Core™ Ultra 5/7 Processor up to 5.20 GHz
- Full portability with a hot-swappable battery
- Shock and drop resistant, fully water-resistant
- Windows 11 Compatible
- Easy access battery and SSD for convenient replacement and upgrade
- Carry handle makes for improved portability on a lightweight form factor

VIEW ONLINE

The Prism Healthcare Tablet is a medical professional's choice for hygienic office use, EMR management, and smart operation in any setting. The TMT-7465-10 displays beautifully on a 1080p high-resolution PCAP touch screen. Also, the 10" screen boasts a high brightness of 800 nits, making it readable in sunlight or under bright operating room lights. The antimicrobial enclosure, equipped with a carry handle, houses a magnesium chassis, which provides greater strength at a lighter weight than aluminum. Further, the Healthcare Tablet's accessible backside bay allows for hot-swapping the battery without interrupting use. With ease of use, transport, and maintenance, Prism lets you see portable healthcare in a whole different light.

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Technical Specifications

Primary Components

Processor Family	Intel Core Ultra Series 2 15th Generation Arrow Lake
Processor Model	Core Ultra 5 225U, Core Ultra 7 255U, U7 Option
Processor Speed	2x Efficient Cores up to 4.2 GHz, U7 Option, 2x Perfomance Cores up to 5.2 GHz, U7 Option, 2x preforamnce Cores up to 4.8 GHz, U5, 8x Efficent Cores up to 3.8 GHz, U5
Memory Type	Onboard LPDDR5
Memory Support	16GB, 32GB
Storage Type	1x M.2 2280 NVME SSD slot, 1x M.2 slot for SSD
Storage Support	M.2: 256GB-1TB

Power

Standard Power Adapter	19Vdc, 3.78A, US Power Cord

Battery

Battery Type	Hot Swappable 11.4V/3800mAh Battery, Optional Hot Swappable 11.4V/5400mAh, Optional Hot Swappable 11.4V/8000mAh

Operating Systems

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

Multimedia

Camera	Front: 5MP, Rear: 13MP
Microphone	Built-in Microphone

Enclosure

Material	Anti-Microbial, PC+ABS and Magnesium-Aluminum Alloy
Color	White
Led Indicator Light	Battery, Charging Indicator
Control Buttons	Brightness Down, Brightness Up, Power Button
Programmable Function Buttons	5x Programmable Function Keys
Shock Rating	MIL-STD-810H

Weight / Dimensions

Weight	1.32 kg (2.9 lbs)
Dimensions	272 x 20 x 195.6 mm (10.7 x 0.8 x 7.7 in)

Specifications subject to change.

Display

Screen Size	10.1"
Screen Resolution	1920 x 1200 (WUXGA)
Screen Ratio	16:10
Brightness	1000 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)

External I/O Ports

USB	1x USB 3.2, 1x USB 3.2 Type-C
Ethernet / LAN	1x RJ45 GbE LAN
Audio Ports	1x Headphone Jack
Power Input Port	5.0mm DC-in Jack

Compatibility

Security Hardware	fTPM 2.0

Thermal & Environmental

Operating Temperature	-10°C - 60°C (14°F – 140°F (With WT devices))
Storage Temperature	-55°C - 70°C (-67°F – 158°F)
Cooling Solution	Passive – Fanless
Humidity Range	0% – 90% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Wi-Fi 802.11be, 2.4/5/6 GHz Three band
Bluetooth	Bluetooth 5.4
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional NFC, 125Khz & 13.5MHz

Certification

Certifications	60601-1 3.2 Edition, CE, FCC, IEC 62368

Warranty

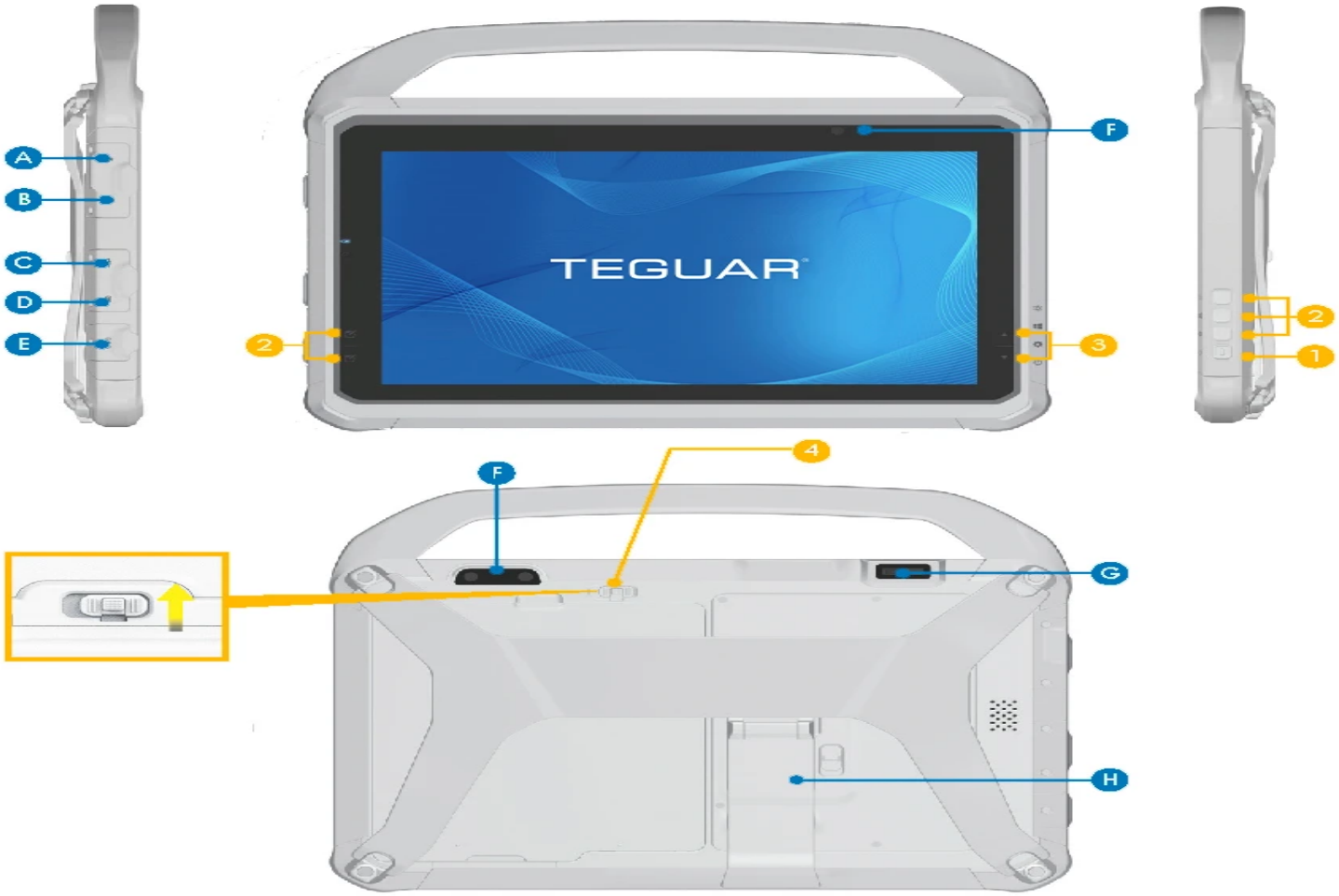
Warranty	1 Year

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I/O Diagram Images



Input/Output Ports

A	Ethernet Port
B	Audio Jack
C	USB 3.0 Port
D	USB Type-C Port
E	DC-In Jack
F	Front Camera (Optional) Back Camera
G	Barcode Scanner (Optional)
H	Kickstand & SSD Access Door

Button Functions

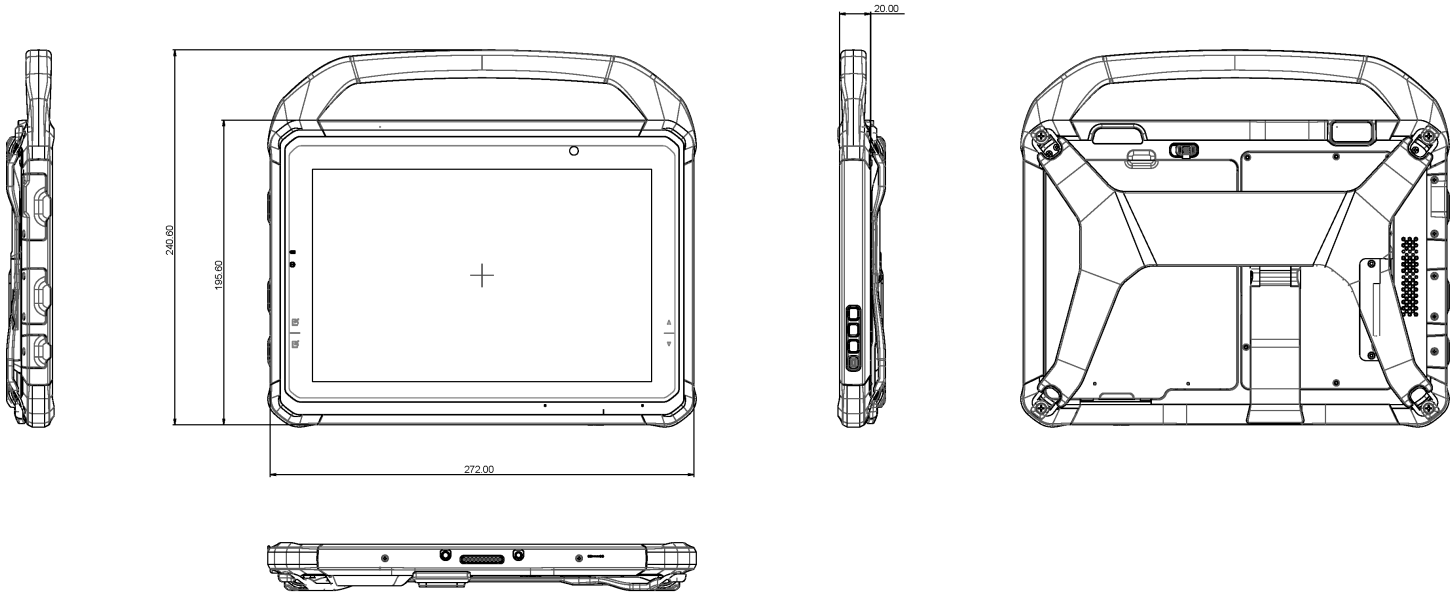
BUTTON	ACTION
1	Power Button
2	Programmable Buttons
3	Brightness Buttons
4	Battery Latch *Push the switch up to unlock the latch, then slide the latch left to remove the battery.

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Tech Diagram Images



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