

TBL1680W

Rugged Tablet Series



TBL1680W

PRODUCT HIGHLIGHTS

- ▶ Windows 11 Pro Operating System
- ▶ 11.6" 1920 x 1080 resolution screen
- ▶ Intel® Core™ i5-8250U 8th Gen Processor
- ▶ Ultra Rugged design
- ▶ 7 hour battery life
- ▶ Hot swappable battery design
- ▶ MIL-STD 810G, 4 foot drop, tested rugged tablet
- ▶ IP65 sealed for water and dust protection



TECHNICAL INFORMATION – PHYSICAL CHARACTERISTICS

DIMENSIONS	11.75" W x 7.55" H x .79" D (298.5 mm W x 191.8 mm H x 20.1 mm D)
DISPLAY	11.6", 1920W x 1080H IPS; 500 nits. Optional sunlight-viewable display
TOUCH PANEL	10-point Multi Touch Capacitive
SCREEN PROTECTION	Scratch-resistant, chemically strengthened glass
SCANNER	Optional High performance N6703 2D barcode scanner
WEIGHT	2.7 lb. (1.23 kg) - base configuration
IP RATING	IP65 Sealing (water and dust)
DROP / SHOCK PROTECTION	MIL-STD 810G, 26 drops to 1 operating unit on to plywood over concrete from 4 feet
OPERATING TEMPERATURE	32° F to +140° F (0° C to +60° C)
STORAGE TEMPERATURE	-27° F to +160° F (-33° C to +71° C)
HUMIDITY	95% non-condensing

TECHNICAL INFORMATION – PERFORMANCE CHARACTERISTICS

PROCESSOR	Intel® Core™ i5-8250U Processor, 6M Cache, up to 3.40 GHz
SYSTEM MEMORY	DDR4: 8GB RAM standard, option for DDR4: 16GB RAM
STORAGE	256Gb M.2 standard, option for 512Gb M.2 SSD
OPERATING SYSTEM	Windows 11 Pro
BUTTONS	Windows® Virtual Button, volume +/-, power, barcode scanner trigger, programmable function key
IO PORTS	Standard: USB Type A 3.0 (2), 3.5mm Aux Power - DC Barrel Jack Standard, SIM Card Slot, MicroSD Slot
BATTERY	45Wh, 11.1V, 4130mAh replaceable battery up to 7-hour battery life standard battery Optional: 86Wh, 11.1V, 7,800mAh XL battery pack with up to 12-hour battery life.
AUDIO	Intel HD audio, built-in digital microphone
CAMERA	8MP auto focus w/ flash (rear-facing), 2MP (front-facing)
LED	3 colour LEDs for notification, power/charger, wireless
SENSORS	Accelerometer, gyroscope, e-compass, and light
APPROVALS	FCC, cUS, CE, CB, UL, IC

TECHNICAL INFORMATION – WIRELESS/NETWORK CHARACTERISTICS

WLAN	Intel Dual Band Wireless AC 9260 Support 802.11a/b/g/n/ac
BLUETOOTH	BT5.0

BASE CONFIGURATION OPTIONS

4G LTE	Optional 4G LTE module (Mutually exclusive)
GPS	Optional GPS (Mutually exclusive)
WI-FI EXTERNAL SWITCH	Optional Wi-Fi External Antenna Switch Config (Mutually exclusive)
3D CAMERA SYSTEM	Optional external 3D Camera System with Intel RealSense Depth Camera D415

BASE CONFIGURATION ORDERING PART NUMBERS

PART NUMBERS	TBL1680W-11: Rugged tablet with Windows 11 Pro operating system
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RELATED ACCESSORIES / OPTIONS

WARRANTY	Three year return to base warranty as standard Option to enhance warranty to cover accidental damage
VEHICLE MOUNTING OPTIONS	Powered Forklift/Vehicle Dock - Includes the following built-in ports: Serial Ports (2), Ethernet, USB (4), GPS & WWAN Connection, HDMI Non-Powered Forklift/Vehicle Holder Magnetic Non-Powered Forklift/Vehicle Holder D Ball Mounting Kit For T16-VED-DualPort D Ball Mounting Kit For T16-HLDR RAM D Size Standard Double Socket Arm RAM Clamp Base With 4" Max Width And 2.25" D Ball Barrel Jack to Converter Long Cord 11-27V DC/DC Power Converter & Direct Wire Kit
OFFICE DOCK OPTIONS	Powered Office Dock - Includes the following built-in ports: USB (4) RS232 (1) Ethernet jack (1), HDMI port (1) AC/DC Adapter without Power Cord (required) - North America/European/Australian
REPLACEMENT PARTS & ACCESSORIES	Standard Battery XL Battery Battery Charger (2 battery bays/XL and Standard - requires power supply) Briefcase Handle Hand strap Stylus for PCT Tablets Stylus Tether Screen Protector Anti-Glare Screen Protector Detachable Backlit Keyboard



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