

TBL1690W

Rugged Tablet Series



TBL1690W

PRODUCT HIGHLIGHTS

- ▶ Windows 11 Pro operating system installed
- ▶ 11.6" Intel 12th Gen Core i5 or Core i7 processor
- ▶ Ultra Rugged design
- ▶ Hot swappable battery
- ▶ Sunlight viewable screen
- ▶ 2-in-1 rugged design with optional IP54 keyboard
- ▶ MIL-STD810G 4ft drop tested design
- ▶ 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" Capacitive, 1920 (W) x 1080 (H) 1,000 nits. Optional Hi-Brite viewable display at 1000 nit with Light Filtering Technology and High Contrast Ratio available
TOUCH PANEL	10-point Multi Touch Capacitive
SCREEN PROTECTION	Oleophobic, scratch-resistant glass
WEIGHT	2.7 lb. (1.23kg) - 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	-4° F to +140° F (-20° C to +60° C) – AC powered
STORAGE TEMPERATURE	-40° F to +160° F (-40° C to +71° C)
HUMIDITY	95% non-condensing

TECHNICAL INFORMATION – PERFORMANCE CHARACTERISTICS

PROCESSOR	Intel® 12th Gen Core i5 Core i5-1235U Optional: Core i7-1255U
SYSTEM MEMORY	DDR4: 8GB RAM standard. Optional: 16GB.
STORAGE	Standard – 256GB Modular, 2242; Optional – 512GB Modular, 2242
OPERATING SYSTEM	Windows® 11 Professional; 64-Bit
BUTTONS	Volume +/-, power, barcode scanner trigger, programmable function key
IO PORTS	USB 3.2 Gen 2 (Type A) (1) Thunderbolt 4/USB 3.2 Gen 2 Type C (1) Nano SIM card (SDXC); MicroSD Slot HDMI (Micro) 3.5mm Aux Audio In/Out Combo Jack; Power – DC Barrel Jack
BATTERY	Standard: 11.1V, 38Wh, 3450mAh Option XL: 10.8V, 6900 mAh 74.52Wh
AUDIO	Intel® HD audio, built-in microphone
CAMERA	8MP integrated w/ LED flash (rear-facing) and 2MP integrated (front-facing)
BARCODE READER	Optional: High performance 2D barcode scanner
SENSORS	Accelerometer, gyroscope e-compass, and light
APPROVALS	FCC, cUS, CB and UL

TECHNICAL INFORMATION – WIRELESS/NETWORK CHARACTERISTICS

WLAN	Intel Wireless AX211; Wi-Fi 6E Compatible
BLUETOOTH	BT5.2
GPS	Optional (Mutually exclusive with WWAN)
WWAN	One M2 Socket for WWAN 3042-S3-B (Mutually exclusive with GPS)

BASE CONFIGURATION OPTIONS AND ACCESSORIES

4G LTE	Optional 4G LTE module
MOUNTING	Powered Dock, Unpowered Holder, Office Dock, Direct Wiring, Multiple Battery Charger

BASE CONFIGURATION ORDERING PART NUMBERS

PART NUMBERS	TBL1690W-11: Tablet specifications as per above with Windows 11
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IO PORTS LAYOUT



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