

# Military Rugged Tablet

10.1" WUXGA (1920 x 1200) Resistive Multi-touch Display  
CNC milled lightweight aluminum chassis  
and a powerful Intel i7 CPU



## MODEL: MVMW1010-i7

MVMW1010-i7 puts emphasis on low weight, a powerful Intel® Core™ i7 CPU and a rugged design. The tablet features a high-brightness 10.1" resistive multi-touch display, CNC milled lightweight aluminum chassis and a wide selection of customization options that ranges all from military connectors to wireless connectivity options. When it gets tough out in the field you don't have to worry, the MVMW1010-i7 is IP65 rated as well as certified to both MIL-STD-810 and MIL-STD-461 standards.

### Customizable

Are you looking for features and functions beyond the standard solution? The MVMW1010-i7 offers customizable solution like change of connectors, bar-code reader, Night Vision Display mode and many other features and functions. Contact your nearest i-Tech Sales Office with your request.

### Guaranteed performance

Products supplied by i-Tech are always provided with lifetime support to ensure that the equipment maintains peak performance over many future missions.

## SPECIFICATIONS:

<b>CPU</b>	Intel® Core™ i7-7Y75 (4M Cache, up to 3.60GHz)
<b>RAM</b>	16GB LPDDR3 1866 MHz
<b>Graphic</b>	Intel® HD Graphics 615
<b>Storage</b>	Removable mSATA III SSD 128GB/256GB/512GB
<b>Display</b>	10.1" WUXGA (1920 x 1200), Resistive Multi-Touch Screen
<b>Sound</b>	HD Audio and mono speakers
<b>Sensor</b>	Light sensor
<b>Buttons</b>	Power button (front) 13 x Function keys with LED Backlight
<b>Interfaces</b> (top)	1 x Micro SD
<b>Interfaces</b> (left)	1 x Mini Display Port 2 x USB 3.1 Optional: 1x USB 3.1, 1x Giga LAN, 1x Mini Display port Optional: Fischer I/O (see standard options)
<b>Interfaces</b> (bottom)	2 x Ext ANT Signals 1 x Docking port, with following signals: 1 x USB3.1, 1 x Display Port, 1 x Detect Pin, Power
<b>Interfaces</b> (internal)	1 x mSATA SSD 1 x Mini PCIe full-sized 1 x Audio/ Headset 1 x USB 3.0 2 x USB 2.0
<b>Primary Battery</b>	11.1V / 4200 mAh Li-Ion battery.

<b>Power Input</b>	DC 12- 32V with Built-in Vehicle adapter
<b>Case</b>	CNC milled Aluminum (Green or black)
<b>Dimensions</b> (W x D x H)	280 x 186 x 20 mm w/o bumpers (11.0 x 7.3 x 0.8 In) 286 x 193 x 27 mm w/ bumpers (11.3 x 7.6 x 1.1 In)
<b>Weight</b>	1.48 kg with battery (3.26lbs)
<b>Certifications</b>	CE, FCC, WEEE, REACH, RoHS 2.0, IP65, MIL-STD-810G* and MIL-STD-461G*
<b>Operating System</b>	Windows 10

\*Contact i-Tech for full specifications of MIL-STD-810G and MIL-STD-461G

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MIL-STD-810G	OPERATING	STORAGE
<b>Altitude</b> Method 500.5, (Procedure I, II)	4572 m (15000 ft)	12192 m (40000 ft)
<b>Temperature</b> Method 501.5 & 502.5, (Procedure I, II)	-20°C to 60°C (-4°F to 140°F)	-40°C to 71°C (-40°F to 160°F)
<b>Temp Shock</b> Method 503.5 (Procedure I-C)	-	-40°C to 71°C (-40°F to 160°F)
<b>Shock</b> Method 516.5, 516.6 (Procedure I and IV)	40g, 11ms, terminal-peak sawtooth shock pulse	122 cm (48inch) (26 drops)
<b>Vibration</b> Method 514.7 (Category 20 & 24)	Ground Vehicles- ground mobile, Composite wheeled vehicle vibration exposures	General minimal integrity
<b>Rain</b> Method 506.5, (Procedure II)	276 kPa, 5 Surfaces, 40 min/Surface	-
<b>Humidity</b> Method 507.6, (Procedure II Aggravated)	-	Ten 24 h test cycles
<b>Salt Fog</b> Method 509.6	-	Salt 5 ± 1 %, 24 h wet + 24 h dry/cycle. Total 2 cycles / 96 h
<b>STANDARD OPTIONS</b>		
Communications	GNSS (GPS/GLONASS) WLAN (a/b/g/n/ac) / Bluetooth 5.0 1 <sup>st</sup> GLAN, 2 <sup>nd</sup> GLAN Card	
Additional Connectivity	Optional Fischer Mil connectors (Max 4 options can be picked) USB 2.0, Serial (2 x RS232 or 1 x RS232 + 1 x RS422), Giga LAN, Audio, Sealed headset (Line-out/Mic-in combo)	
Display	Invisible mode Capacitive multi-touch screen with brightness 1000 nits	
Security	TPM2.0	
Extended low temp. Power	-30°C (-22°F) operating Double capacity battery – 11.1V / 8400 mAh Lithium-Ion battery	
Sensors	Accelerometer, magnetometer and gyroscope	
Accessories	Adjustable mount Docklite Docking station	