

Ruggedized Tablet

for High Performance Mobile Computing

14" High-Brightness capacitive touch screen (1000nits)
1920 x 1080, digital pen support, Intel 8th Generation Core
i5/i7 quad-core processor, IP65-rated, MIL-STD-810G



DVMW1400

The DVMW1400 Rugged Tablet features the integration of a brilliant 14" capacitive touch screen and high performance, energy-efficient Intel® 8th Generation Core™ i quad-core processor within a slim, lightweight, durable package. With built-in smart card/CAC reader, Wi-Fi and Bluetooth, this tablet offers seamless information capture for instant transmission in the field and in the office. With its large, vivid display and optional NVIDIA GeForce® graphic card, this Rugged Tablet supports a wider working area and detailed application interface along with higher image and video processing. The MIL-STD-810G and IP ratings also make this tablet stand up to real world use for mission critical applications.

FEATURES

- Intel® 8th Generation Core™ i5 or i7 quad-core processor; high performance with low power consumption
- 14" Full-HD, high-brightness (1,000 nits) LCD display with capacitive touch, outdoor viewable
- Dual high-capacity, hot-swappable battery packs; up to 180w
- Built-in smart card/CAC reader (full-slot)
- IP65-rated for water and dust resistance
- MIL-STD-810G for shock and vibration protection
- Easy-to-open I/O port caps (patented)
- Foldable tabletop stan


MAJOR OPTIONS

- NVIDIA GeForce® GTX 1050 graphic card option; ideal for defense, medical imaging, aerospace applications
- U-blox M8 GNSS module (either GNSS module or graphic card)
- 4G LTE/AWS

SPECIFICATIONS

System	
CPU	Intel® Core™ i5-8250U, Quad-Core, 1.6GHz (up to 3.4GHz) Intel® Core™ i7-8650U, Quad-Core, 1.9GHz (up to 4.2GHz)
RAM	8GB
Storage	256GB to 2TB Flash
Operating System	Microsoft® Windows® 10 IoT Enterprise, 64bit
Display	14" LED-backlight, high-brightness (1,000 nits) screen with capacitive multi-touch, outdoor viewable
Display Resolution	1920 x 1080
Control Switch and Buttons	1 power button, 2 programmable buttons
Indicator	1 power/ battery status LED
Microphone	Built-in microphone with DSP for real-time video
Speaker	Built-in speaker
Network Interface	
WLAN	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band
Bluetooth	Bluetooth 4.2 LE
I/O Ports	
HDMI	1
USB Ports	USB 3.0 x 1 and USB 2.0 x 2
Headset Jack	1 (3.5mm)
DC-in	1
Ethernet	1 RJ45 connector for Ethernet
Smart Card/CAC Reader	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card

Mechanical and Environmental	
AC/DC Adapter	Input: 100-240V AC; Output: 19V DC, 6.31A
Battery Pack	Hot swappable battery, 11.4V, 5400mAh x 2 Hot swappable battery, 11.4V, 8000mAh x 2 (optional)
Enclosure	ABS + PC plastics and magnesium-aluminum alloy
Dimensions (H x W x D)	9.6 x 13.8 x 1.16 in/ 244mm x 244mm x 29.5mm
Weight	6.38lbs/ 2.9kg
Durability	IP65 and MIL-STD-810G certified
Regulatory	FCC Class B, CE, RoHS compliant
Temperature	Operation*: -20°C to 60°C (-4°F to 140°F), tested under MIL-STD-810G method 501.6, Procedure II, and method 502.6, Procedure II * For battery safety, optimal functionality and performance, the recommended usage temperature range is from -10°C to 45°C (14°F to 113°F)
	Storage: -55°C to 70°C (-67°F to 158°F)
Humidity	0% – 90% non-condensing
Major Options	
Graphic Card	Integrated graphic card, NVIDIA GeForce® GTX 1050 with 4GB VRAM
Antenna	Dual pass through antennas integrated in the docking cradle
	U-blox M8 GNSS module with concurrent reception of GPS and
GNSS Module	GLONASS, industry leading -167dbm navigation sensitivity *either with GNSS module or the graphic card
Mobile Broadband	4G LTE/AWS

DIGITAL PEN		
Pen Tip	Diameter: 0.059 in/ 1.5mm, replaceable	
Buttons	2 side buttons (right-click and eraser)	
Battery	1 AAAA, replaceable	
Color	Black	
Dimensions	Length: 5.5 in/ 140 mm (including pen tip) Diameter: 0.38 in/ 9.7 mm	
Weight	0.055 lbs/ 25 g	



ACCESSORIES



Docking Keyboard

With ports for Power, HDMI and USB; designed to connect to the iTech Tablet, instantly pairs, ideal for 2-in-1 applications.

Tablet Mount Cradle

Offers Tablet storage and security with power, HDMI-out, COM, Ethernet pass-through, and USB ports. Power supply is not included

Vehicle Mount Cradle

Supports DVMW1400 and the Detachable Keyboard. The Cradle offers a lockable mechanism as well as USB, LAN, COM ports, a DC-in jack, and dual antenna connectors.

Digital Pen

Dimension: 9.7mm x 140.7mm; Weight: <25g. Battery: 1 AAAA.

Battery Gang Charger

Simultaneously charge 6 external batteries.



Battery Charger Kit with AC Adapter and Power cord

Recharges battery pack "offline" without affecting tablet use.

Carrying Case

Open-to-use design with foldable tabletop stand. Made of 1680 denier nylon fiber with water-repellent coating

Carrying Handle

Carrying Handle for DVMW1400 Tablet. Factory installed only.