

Ruggedized Tablet for High Performance Mobile Computing



9.7" sunlight-readable outdoor display w/ capacitive touch w/ Intel® Core™ i7 Dual Core CPU Rated IP65, MIL-STD810G and MIL-STD-461F Wide temperature operation.



The DVM970HB-7i Rugged Tablet features the integration of a brilliant 9.7" capacitive touch screen as well as a high performance, energy efficient Intel® Core™ i7 processor within a slim, lightweight, durable package. With built-in smart card reader, Wi-Fi and Bluetooth modules as well as options for a barcode scanner, front and back cameras and 3G connection, this robust tablet offers seamless information capture and transmission for improved workflow. Rated IP65, MIL-STD-810G, and MIL-STD-461F as well as with on-screen keyboards and wide temperature range (-4°F to 122°F), the DVM970HB-7i provides reliable operation in harsh, mission-critical environments.

Features

- Intel® Core™ i7 dual core processor; high performance with low power consumption
- Slim, lightweight and durable design
- 9.7" LED-backlight sunlight-readable screen with resistive touch
- Smart card reader (full-slot) and optional modules: barcode scanner, camera, RFID and 3G
- IP65-rated for water and dust resistance
- MIL-STD-810G for shock and vibration protection
- MIL-STD-810G Explosive Atmosphere certified
- MIL-STD-461F for EMI and EMC tolerance
- NIST (National Institute of Standards and Technology) compliant
- TPM (Trusted Platform Module) 1.2 support
- Wi-Fi and Bluetooth 3.0+HS connection
- Hot-swappable batteries and vehicle-mount charging option
- Comprehensive remote device administration through server-based Device Manager software

Major Options

- 2 megapixel front camera and 5 megapixel back camera with LED flash, auto focus, white balance, gain control and exposure control
- 2D barcode scanner; reads 1D also
- RFID reader; complies with HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1
- WWAN; Gobi 3G module for HSPA+/EVDO/WCDMA/EDGE/GPRS/GSM

Specifications

System	
CPU	Intel® Core™ i7, 1.7GHz
RAM	4GB to 8GB
Storage	32GB to 512GB Flash
Operating System	Microsoft® Windows® Embedded Standard 7, Windows® 7 Professional, or Linux; Windows® Windows® 8.1 Pro Industry for capacitive touch screen only
Display	9.7" LED-backlight sunlight readable screen with resistive touch, or outdoor display with capacitive touch
Display Resolution	1024 x 768
TPM	Yes, TPM 1.2 support
Fan/ Fanless	Fan
Control Switch and Buttons	1 power button, 3 side buttons, 1 trigger button and 1 Wi-Fi switch
Indicator	1 power/ battery status LED and 1 WLAN active LED
Microphone	Built-in microphone
Speaker	Built-in speaker
Sensor	N/A
Camera	Optional
Network Interface	
WLAN	Wi-Fi 802.11a/b/g/n
Bluetooth	Bluetooth 3.0+HS
Mobile Broadband	3G WWAN (optional)
I/O Ports	
USB Port	1 eSATA USB hybrid port
Headset Jack	1
DC-in	1
Smart Card Reader	N/A
SD Slot	1 full size SD card slot

Mechanical and Environmental	
AC/DC Adapter	Input: 100 – 240V AC; Output: 19V DC, 3.42A
Battery Pack	Internal 14.8V, 1880mAh/ Optional: External 14.8V, 1850mAh
Enclosure	ABS + PC plastics
Stylus	capacitive touch stylus
Protective Bumpers	Rubber bumpers on each corner with handstrap for handling protection
Dimensions (H x W x D)	8.7 x 10.4 x 1 in/ 220 x 263 x 25.4 mm
Weight	3.1 lbs/ 1.4 kg
Water and Dust Resistance	IP65
MIL-STD-810G	Drop shock and vibration protection & explosive atmosphere certified
EMI and EMC Tolerance	MIL-STD-461F
Regulatory	FCC Class B, CE, RoHS compliant
Temperature	Operation: 0°C – 40°C (Upgrade option: -20°C – 50°C); Storage: -20°C – 60°C
Humidity	0% – 90% non-condensing
Major Options	
MSR	N/A
Barcode Scanner	2D barcode scanner; reads 1D also
Camera	2 megapixel front camera and 5 megapixel back camera with LED flash
RFID Reader	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1
I/O Ports	N/A

I/O ports



Input/ Output Ports	
A. e-SATA USB Hybrid Port	D. Full Slot Smart Card Reader
B. Headphone Jack	E. SD Slot
C. DC Power Input	
Button Functions	
BUTTON	ACTION
1.	Power on, Push/release typically enters Standby mode, or Push/release exits Standby mode or restarts (software dependent) Push and hold (over 4 seconds) invokes hardware shutdown
2.	Programmable, As scanner trigger when equipped with the scanner module
3. 4. 5.	Programmable
6.	Wireless switch

Accessories



External Battery Pack

External, snap-on, hot-swappable battery pack - doubles duration of mobile operation, Li-Ion, 28.8W.



Internal Battery Pack

Replacement or spare for internal battery pack. Li-Ion, 29.6W.



Desktop Charging Cradle

Docking support with ports for Power, USB and Ethernet. Power supply not included.



DisplayPort-Male to DVI-Female Adapter

Length: 0.2M / 7.9 Inch; for desktop cradle dual display outputs.



6-Bay External Battery Charger

Charges up to six External Battery Packs simultaneously.



Stylus

Proper tool to operate the Tablet's touch display. Available in kits only; 3 pieces per kit.



AC/DC Power Adapter with Power Cord

Facilitates battery recharge or Tablet operation through direct connection to the Tablet or via the Power Jack in the device Cradle. (Choice of North America, UK or EU power cord).



Wall/Vehicle Mount Cradle

This wall/vehicle mount cradle offers Tablet storage and security with power, Ethernet pass-through, and two USB ports. Power input may be through (19V) cylindrical plug or (12V-24V) pluggable terminal block (Phoenix) connectors. Power supply is not included.



Shoulder Strap for Tablets

Padded for comfort, provides convenient mobile operation, strap is adjustable and can be attached to the Rubber Grips.



X-Handstrap

Designed to securely hold the Tablet. Made of soft plastic, easy to clean. For left- or right-handed users.



Keyboard Tray and Keyboard

A combo set of a keyboard tray and a USB keyboard for use with the Wall/Vehicle-Mount Cradle (the cradle is not included).



Automobile Power Adapter by LIND

Output voltage 65W/ 19V. Input: 11-16V DC.