

# DeltaTablet-PC 7" MIL

## PKHS2000



Ruggedized to comply with military standards the DeltaTablet-PC 7" MIL is the very latest fully rugged mobile tablet PC designed for use in a wide variety of applications. It is the ideal robust device for public safety, military, warehousing and other field services where compact weight and size are paramount. Based on the latest Intel Atom Z510/ Z530 „Menlow“ processor the DeltaTablet-PC 7" MIL features a 7" WSVGA LCD display with integrated touchscreen (sunlight readable

options are also available). At just 1.2kg the DeltaTablet-PC 7" MIL is one of the smallest, lightest devices in the rugged industry. Mid-sized, lightweight and ergonomic, the MIL-STD rugged DeltaTablet-PC 7" MIL boasts a number of rugged and weatherized features. The DeltaTablet-PC 7" MIL offers the performance and flexibility needed to keep field-deployed, mission-critical workers productive.



### Main Features

- 7" TouchScreen display (sunlight readable optional)
- Fast ultra low voltage Intel Atom processor
- Hot-swappable batteries offering between 6 - 8 hours battery life
- Optional GPS module
- Optional RFID module
- Optional integrated HSDPA/3G module
- Integrated 3 megapixel camera
- Strong magnesium alloy enclosure
- IP54 rated for protection against water and dust
- Rated to Mil-Std 810F (US military test standard)

### Technical Specifications

#### CPU

- Intel Atom Processor Z530P 1.6GHz, FSB 533MHz

#### Memory

- 1x 200-pin DDRII SO-DIMM socket, 2GB RAM module

#### Mass storage

- HDD 1.8" SATA 120G HDD with acceleration sensor as a protection for the HDD against drop

#### Display

- 7" LCD-TFT Display WSVGA with TouchScreen  
 - Sunlight readable display with LED Backlight  
 - Build-in ambient light sensor to adjust LCD brightness

#### Audio Features

- Intel High Definition Audio  
 - 1x 1.5W speaker  
 - Microfon array

#### I/O devices

- 1x PCMCIA slot (32bit)  
 - 1x SD card slot  
 - 1x seriell port (RS-232)  
 - 1x USB port  
 - 1x RJ-45 port  
 - 1x DC-in jack  
 - Connector for the docking station

#### Camera

- Integrated 2.0 mega pixel camera (chassis rear side)

#### Network/Wireless

- Integrated 10/100 Ethernet network (RJ45)  
 - Intel WiFi Link 5100 (WLAN 802.11a/b/g/Draft-N)  
 - Bluetooth v2.1 and DER

#### GPS

- Internal Global Positioning System (GPS) receiver

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### Power

- Input voltage: 100V-240V, 50Hz-60Hz
- Output voltage: 19V / 3,42A / 65W

### Battery module

- 2x hot-swappable Lithium Polymer Battery Packs (each with 7.4V, 2580mAh; 19Wh)
- Mobile Mark 2005 „Productivity Workload“ test: 5 hours Battery
- Removing battery without using a tool

### Dimensions and Weight

- 225 x 145 x 39.8 mm (exklusive of bumpers)
- 1.3kg (weight may vary depending on actual configuration)

### Environment temperature

- Environment temperature: -20°C to 60°C
- Storage temperature: -55°C to 75°C
- Operating humidity: 5% to 95%

### Drop specification

- MIL-STD 810F and IP54 konform
- 26 drops of 48" (ca. 122cm) of a plywoodover concrete with unit off 5 units to pass (unit is non-operating)

### Water sealing

- MIL-STD 810F and IP54 konform
- Rain chamber to operate at no less than 40 PSIG (unit is non-operating)

### Dust proof

- According to IEC 60529 IP-5X standard  
Protected against dust, limited ingress (no harmful deposit)

### Vibration

- Meet MIL Std 810F-514.5, Procedure I Cat. 24, Fig. 514.5C-17 and 514.5C-18 (unit is non-operating)
- ASTM 4169-99 Truck Assurance Level II, Schedule E, unit is operating

### Operating System

- Windows XP Tablet Edition/XP professional and on screen keyboard
- Windows 7 Professional

### Security

- Security Administrator password
- Boot password
- TPM 1.2
- Kensington Lock

### Regulations

- EMI/Safety CSA, FCC, CE

### Options

- Internal Barcode reader (1D and 2D)
- Internal RFID module
- Car adapter 12-24V
- Docking station (4x USB/RJ-45/DC-in/2 battery charger/VGA port/serial port/ ext. GPS connection)

### Purchased parts package

- AC adapter
- Power cord
- Stylus Pen
- Hand-strap

## Ordering Information

PKHS2000 DeltaTablet-PC 7" MIL  
Intel Atom Z530P 1.6GHz, 2GB RAM, 120GB HDD

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Front view



Top view: SD card slot, PCMCIA slot (32-bit)



Right view: Serielle port (RS232), RJ45 port, USB port



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**Left view: Microphone and DC IN**



**Bottom view: Docking connector**



**Behind view: Camera, Battery 1 and Battery 2**

