

DURABOOK

Prepared for the Unexpected



T7M



Sunlight Readable

Resistive Touch Screen

Temperature

Digitizer

TPM

TPM

Dust Proof

Humidity

RFID

Barcode Scanner

Drop

Water Sealing

Vibration

GPS

3G

Feature Highlights

The Durabook™ T7M is one of a kind product that is ergonomic, lightweight, and packed with versatile functions. T7M has passed US Military 810G Standards for drop and vibration and is built to comply with IP54 for dust and water proof. T7M tablet is capable of optimal performance under demanding conditions and designed to satisfy unique technology requirements of vertical industries and applications.

Environment

■ Drop



MIL-STD810G 516.6 Procedure IV, 26 drops from 48 inches (4 feet) to plywood over concrete.

■ Water Sealing



MIL-STD 810G 506.5 Procedure I and IEC 60529 IPX4 compliant

■ Temperature



Storage: -55°C ~ 75°C
Operating: -20°C ~ 60°C

■ Vibration



Non Operating: MIL-STD 810G 514.6 Procedure I Cat.24, Fig. 514.6E-1 & 514.6E-2

Operating: ASTM 4169-99 Truck Assurance Level II, Schedule E

■ Dust Proof



IEC 60529 IP5X Standard

■ Humidity



Operating: 5% ~ 95%

LCD

■ Resistive Touch Screen



Durabook™ T7M uses the most advanced Resistive Touch Technology to provide mobile users with flexibility and convenience to fit your specific application. Durabook™ T7M Resistive Touch Screen accommodates gloved-finger operations.



■ Sunlight Readable



Durabook™ T7M deploys the most advanced and creative Sunlight Readable technology solutions for the unparalleled results. Durabook™ Sunlight Readable solution incorporates polarized LCD glass, Anti-Reflection technology, as well as enhanced brightness LED backlight to achieve superior Sunlight readability.



■ Ambient Light Sensor

T7M Built-in Ambient Light Sensor detects the surrounding environments and automatically adjusts the LCD brightness for convenient LCD visibility with enhanced battery efficiency.

■ Digitizer



Digitizer provides the ability to take handwritten notes, make precise sketches or sign documents directly onto the screen.

Design and Features

■ Magnesium Alloy Chassis

T7M entire chassis is built with Magnesium Alloy that is 20-times stronger than ABS plastic to assure superior resistant from exterior impact.



■ Shock Resistant LCD Mounting

Special designed LCD mounting absorbs shock and sudden impact from rough environment and usage.



■ Shock Resistant HDD Mounting

Shock resistant mounting structure and compounds insulate the HDD from vibration and shock while protecting your mission critical data.



■ Silicone Rubber Padding

Silicone Rubber Padding is added on the 4 corners for extra protection in case of drops and bumps. T7M is designed with the durability to withstand and outlast rough condition and applications.



■ Modular I/O Port Bays

T7M comes with a modular I/O bay that allows for field replaceable I/O ports. The modular I/O ports give the T7M flexibility and versatility to accommodate various input devices.



■ HDD Heater

T7M is designed for below 0°C operations. The hard disk heater warms up the HDD when the environment is below 0 degree C. The T7M is designed for wide range temperature operation: -20°C to 60°C.

■ Backlit Numeric Keypad

T7M features backlit numeric keypad for uninterrupted usage during low lighting or in dark environments.



■ Programmable Button

T7M programmable button allows user to customize functions and programs for quick Windows application access.

■ 2 Megapixel Integrated Camera

A 2 Megapixel camera is mounted on the back of the system to allow user to hold the system and point to the target with clear view of the image on the LCD screen for easy image capture.



■ Hot Swap Battery

T7M is designed with two hot swap batteries and quick release feature. Upon depletion of one battery, the user is able to replace the battery in just few seconds without powering off the T7M device. The hot swap feature allows unlimited usage without downtime when extra charged battery is available for hot swap.

■ RFID



Durabook™ T7M comes with optional integrated RFID. With RFID growing in popularity for various industries, T7M offers the technology solutions to meet user's application requirement for data capture.

■ TPM



Trusted Platform Module defends against data leak from Hard Drive removal.

■ GPS



Integrated GPS is offered through factory option for accurate location tracking and to give users the geo-location peace of mind.

■ WWAN/3G



T7M keeps you connected wherever you go through embedded 3G module. With 3G option enabled, the mobile user is able to access email and enjoy all the benefits of being connected to the internet.

■ Barcode Scanner



Integrated 1D/2D Barcode Scanner is available as option for field service, warehousing, and various demands including inventory management.



Applied Industries



- Government
- Military
- Field Service
- Utility
- Emergency
- Police
- Transportation
- Logistic / Warehousing

T7M

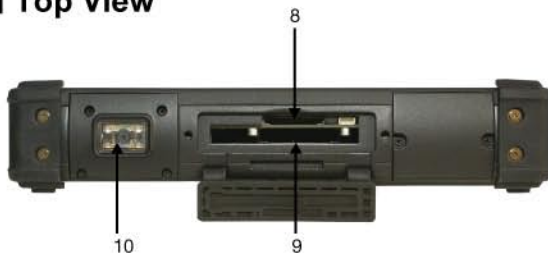
Front View



Right View



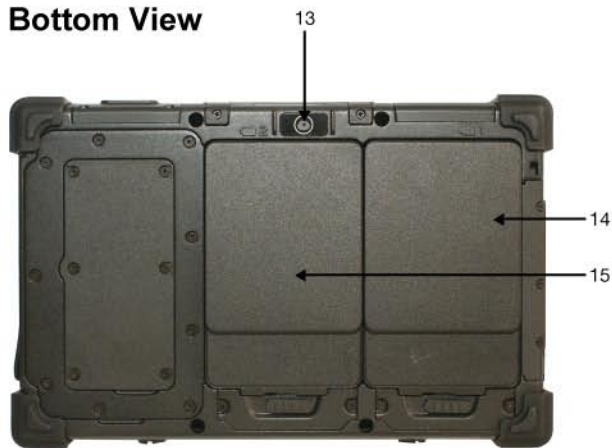
Top View



Left View



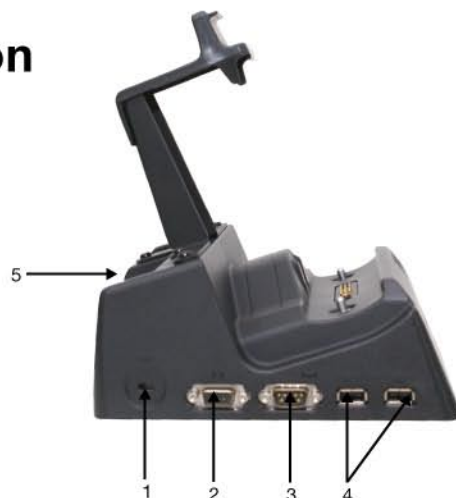
Bottom View



- | | |
|--------------------------|------------------------------|
| 1. Microphones | 10. Barcode Scanner (Option) |
| 2. Light sensor | 11. DC In |
| 3. LED indicators | 12. Kensington Lock |
| 4. Speaker | 13. Camera |
| 5. Keypad | 14. Battery1 |
| 6. Modular I/O Port Bays | 15. Battery2 |
| 7. Docking Connector | |
| 8. SD card slot | |
| 9. Express Card 34 Slot | |

Docking Station

1. Kensington Lock
2. VGA
3. RS232
4. USB
5. Battery Slot
6. USB
7. RJ-45
8. GPS Connector
9. DC In



System	
CPU	Intel Z530P (1.6GHz, FSB 533MHz)
Memory	One DDRII 533 SO-DIMM Socket
HDD	1.8" SATA 120GB
SATA SSD	⊙
HDD Heater	⊙
Speaker	One 1.5W speaker
Mic	Mic Array
Express Card 34 Slot	●
SD Card Slot	●
CCD Webcam	2.0 Mega Pixel
TPM 1.2	●
LCD	
LCD Display	7" WSVGA 1024x600 LED
Touch panel	●
Sunlight Readable	●
Enhanced Brightness	⊙
Digitizer	⊙
Communication	
WLAN	Intel 5100 a/b/g/n
GPS	⊙
WWAN HSDPA/EVDO	⊙
Bluetooth	Bluetooth 2.1 + EDR
Barecode Scanner	⊙
RFID Reader	⊙
I/O Ports	
USB	x1
RJ45	x1
RS232	x1

Input Keys	
Backlid Input Keys	●
Numeric Keypad	●
4-Way Directional Keys	●
Programmable Key	●
SAS Key	●
Others	Power, Function, Enter, Tab, Backspace
Battery	
Standard	4hrs
Option High Capacity	8hrs
Hot Swap Battery	●
Dimension & Weight	
Dimension (mm)	225 x 145 x 29.8
Weight	1.1Kg
Environment	
Drop	MIL-STD 810G ¹
Vibration	MIL-STD 810G ²
Water Sealing	MIL-STD 810G & IPX4 ³
Dust	IEC 60529 IP5X Standard
Temperature	Storage: -55°C ~ 75°C Operating: -20°C ~ 60°C
Humidity	Operating: 5% ~ 95%
Desktop Cradle	
USB	x4
RJ45	x1
DC-In	x1
VGA Out	x1
RS232	x1
External GPS Connection	x1

● Standard ⊙ Option

1. MIL-STD 810G 516.6 Procedure IV

2. Non Operating: MIL-STD 810G 514.6 Procedure I Cat.24, Fig. 514.6E-1 & 514.6E-2; Operating: ASTM 4169-99 Truck Assurance Level II, Schedule E

3. MIL-STD 810G 506.5 Procedure I and IEC 60529 IPX4 compliant



DURABOOK
www.twinhead.pl

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