User Manual
xTablet T1175

MobileDemand
Achieve More

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User Manual
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Contents

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Revision History

- **Version: 1.0**
- **Date: 10, 2023**

FCC-B Radio Frequency Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and radiates radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- **Reorient or relocate the receiving antenna.**
- **Increase the separation between the equipment and receiver.**
- **Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.**
- **Consult the dealer or an experienced radio TV technician for help.**

NOTE

- **The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**
- **Shield interface cables and AC power cord, if any, must be used in order to comply with the emission limits.**

FCC Conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- **This device may not cause harmful interference.**
- **This device must accept any interference received, including interference that may cause undesired operation.**

FCC/IC RF Radiation Exposure and SAR Statements

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device was tested for typical lap held operations with the device contacted directly to the human body to the back side of the notebook computer. To maintain compliance with FCC RF exposure compliance requirements, avoid direct contact to the transmitting antenna during transmitting SAR information 1.318W/Kg@1g (body).

Prohibit operating transmitters in the 5.925-7.125 GHz frequency band to control or communicate with unmanned aerial vehicle systems.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux CNR exempts de licence d'Industrie Canada. Le fonctionnement est soumis aux deux conditions suivantes:

(1) Cet dispositif ne peut causer des interférences; et
(2) Cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

This equipment complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The device is designed to meet the requirements for exposure to radio waves established by the Industry Canada. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for using at the body is 1.318 W/kg.

Cet équipement est conforme aux limites d'exposition aux rayonnements d'industrie Canada établies pour un environnement non contrôlé. L'utilisateur final doit suivre les instructions d'utilisation spécifiques pour satisfaire à la conformité à l'exposition aux RF.
Cet émetteur ne doit pas être co-implanté ou exploité conjointement avec toute autre antenne ou émetteur. L'appareil est conçu pour répondre aux exigences d'exposition aux ondes radio établies par industrie Canada. Ces exigences fixent une limite de DAS de 1,6 W / kg en moyenne sur un gramme de tissu. La valeur DAS la plus élevée déclarée en vertu de cette norme lors de la certification du produit pour une utilisation à la caisse est de 1.318 W / kg.

CE Conformity

This device is in compliance with the essential safety requirements and other relevant provisions set out in the European Directive.

Battery Regulations

European Union: Batteries, battery packs, and accumulators should not be disposed of as unsorted household waste. Please use the public collection system to return, recycle, or treat them in compliance with the local regulations.

BSMI: For better environmental protection, waste batteries should be collected separately for recycling or special disposal.

California, USA: The button cell battery may contain perchlorate material and requires special handling when recycled or disposed of in California.
For further information please visit: http://www.dtsc.ca.gov/hazardouswaste/perchlorate/

Safety Guideline for Using Lithium Battery
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the equipment manufacturer. Discard used batteries according to manufacturer's instructions.

WEEE Statement

European Union: Under the European Union ("EU") Directive on Waste Electrical and Electronic Equipment, Directive 2002/96/EC, which takes effect on August 13, 2005, products of "electrical and electronic equipment" cannot be discarded as municipal waste anymore and manufacturers of covered electronic equipment will be obligated to take back such products at the end of their useful life.

Safety Instructions

Read the safety instructions carefully and thoroughly. All cautions and warnings on the equipment or user's manual should be noted.

Keep this equipment away from humidity and high temperature.

The openings on the enclosure are used for air convection to prevent the equipment from overheating. Do not cover the openings.

- Do not leave the equipment in an unconditioned environment with a storage temperature above 60ºC (140ºF) or below -20ºC (-4ºF), which may damage the equipment.
- This unit should be operated under maximum ambient temperature of 50ºC (120ºF) or under 60ºC (140ºF) for light loading applications..

Followings are requirements of battery storage:

1. Storage temperature up to 3 months should remain between -20º ~45ºC ; Storage temperature of 3 months to 1 year should remain between 23º± 2ºC.
2. The battery capacity should remain at 30 ± 5%.
3. The storage humidity should remain at 65 ± 25%RH.
4. The battery charging temperature 10º ~45ºC , discharging temperature -20º ~60ºC.
5. For the maximum battery discharging performance, storage temperature = 25ºC.
6. Do not charge the battery while the room temperature is over 40ºC.

- Make sure the power voltage is within safety range and has been adjusted properly to the value of 100~240V before connecting the equipment to the power outlet.
- Always unplug the AC power cord before installing any add-on card or module to the equipment.
- Always disconnect the AC power cord or uninstall the battery pack or switch off the wall socket if the equipment would be left unused for a certain time to achieve zero energy consumption.

Place the power cord in a way that people are unlikely to step on it. Do not place anything on top of the power cord.

Always keep strong magnetics or electrical objects away from the tablet.

To avoid damage or electrical shock never pour liquid into any opening.

If any of the following situations arise, have the equipment checked by a service personnel:

- The power cord or plug is damaged.
- Liquid has penetrated into the equipment.
- The equipment has been exposed to moisture.
- The equipment is no longer working properly.
- The equipment was dropped and damaged.
- The equipment has obvious signs of breakage.

Green Product Features

- Reduced energy consumption during use and stand-by
- Limited use of substances harmful to the environment and health
- Easily dismantled and recycled
- Reduced use of natural resources by encouraging recycling
- Extended product lifetime through easy upgrades
- Reduced solid waste production through take-back policy

Environmental Policy

- The product has been designed to enable proper reuse of parts and recycling and should not be thrown away at its end of life.
- Users should contact the local authorized point of collection for recycling and disposing of their end-of-life products.

Introduction

Congratulations on the purchase of MobileDemand's rugged xTablet® T1175. Designed and tested to meet our exacting standards ensures dependability and customer satisfaction.

Refer to this manual to guide you through the basic functions and features.

Unpacking

Unpack the shipping carton and check all items carefully. If any item is damaged or missing contact MobileDemand. Please keep the box and packing materials in the event you need to ship the unit. The package should contain the following items:

- xTablet T1175
- Type-C/Power Delivery adapter and AC power cord
- Hand strap
- Brief case handle
- Stylus (optional)
- Stylus holder (optional)
- Quick Guide

Product Overview

Front View

1. Front Camera

2. Internal Microphone

3. Status LEDS

Power
- Green OFF: Power off /Hibernation
- Green ON: Power on
- Breathing Green: Standby /Sleep

Battery Status
- OFF: Battery is not charging
- Green ON: Battery is fully charged
- Orange ON: Battery is charging while system ON & OFF
- Blinking Orange (4Hz): Battery error.
- Blinking Orange (1Hz): Battery capacity is lower than 7%

4. Speaker
   Support high quality sound.

Top View

1. Barcode Scanner (optional)

2. Power Button
   - ► Before powering on the tablet PC for the very first time, you must connect it with AC power.
   - ► Press and hold the power button for 2 seconds to power on the tablet PC.
   - ► Press and hold the power button for 8 seconds can shut down the tablet PC.

3. Volume

Bottom View

1. Dock Connector

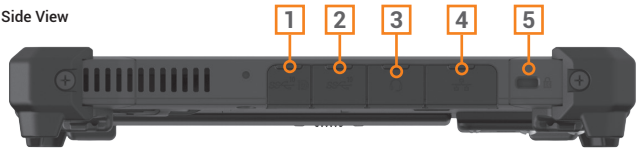
   Connect with external Docking station to increase more I/O functions.

Right Side View

1. USB 2.0 Type-C PD-IN Port

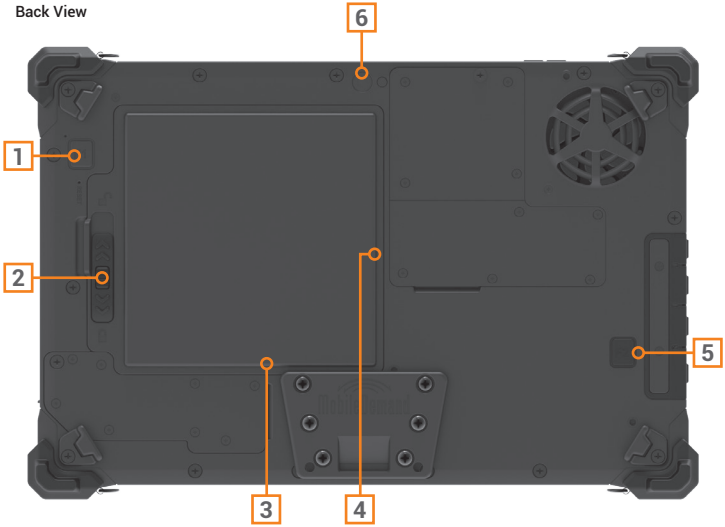
   The USB 2.0 Type-C PD-IN port allows you to connect USB-interface peripheral devices, such as the mouse, keyboard, modem, portable hard disk module, printer, etc, and optionally supports PowerDelivery function with variable up to 100W power input and maximum 5V/3A or 5V/1.5A power output when AC power is connected.

Left Side View



1.	USB 3.1 Gen 2 Port (with DisplayPort function) USB 3.1 Gen 2, the SuperSpeed USB 10Gbps, supports high-speed data transfer for the connected devices, such as storage devices, hard drives, or video cameras. The DisplayPort function supports external display connection.
2.	USB 3.1 Gen 2 Port USB 3.1 Gen 2, the SuperSpeed USB 10Gbps, supports high-speed data transfer for the connected devices, such as storage devices, hard drives, or video cameras.
3.	Headphone Jack Used for connecting the speakers or headphones.
4.	RJ-45 Connector The Ethernet connector, with optionally supported transmitting rate of 10/100/1000 megabits per second, is used to connect a LAN cable for network connection.
5.	Kensington Lock This tablet provides a Kensington lock hole, which allows users to secure the tablet in place.

Back View



1.	F1 Button - Barcode Scanner Trigger
2.	Battery Latch This built-in rear camera can be used for photos, video recording, conferencing, and other interactive applications.
3.	Micro SD Card Slot To access remove battery.
4.	Nano Sim Card Slot To access remove battery.
5.	F2 Button - User Defined
6.	Rear Camera

Specifications

The specifications listed here are for reference only, and may change without notice.

DIMENSIONS	11.54 in. L x 7.56 in. H x .67 in. D 293mm L x 192mm H x 17mm D Weight - 1350g | 2.97lbs
DISPLAY	10.1" sunlight viewable WUXGA 1920W x 1200H IPS; 800 NITS 10-point multi-touch capacitive screen. Digitizer support MPP2.0/EETI
CPU	Intel® 13th Gen i5-1335U Optional i7 upgrade
MEMORY	16GB
STORAGE	256GB Standard, 512Gb/1TB Optional PCIe SSD
O/S	Windows 11 Pro Optional: Windows 10 Pro Downgrade; LTSC
RUGGEDIZED	MIL-STD-810G (5' drop)
Sealing	IP65 (dust and water)
Screen Protector	Oleophobic, scratch-resistant glass
Operating Temp	14°F to +122°F / -10°C to +50°C
Storage Temp	-4°F to +140°F / -20°C to +60°C)
Operating Humidity	5% to 95% RH, non-condensing
CAMERA	Front - 2MP FF - Windows Hello support Rear - 8MP AF with flash
AUDIO	High Definition Audio
SCANNER	Optional High performance Honeywell N6703 2D barcode scanner Honeywell N6803 2D barcode scanner

I/O PORTS	USB 3.1 Gen1 (Type A) USB 3.1 Gen1 (Type C) USB 2 Gen1 (Type C) MicroSD Reader (micro) SIM card slot (nano) Headphone (3.5mm) LAN Port 19 pin pogo
BUTTONS	Power Button Vol Up Button Vol Down Button Reset Function (Fn) Keys - x2
SENSORS	Accelerometer Gyroscope E-Compass Proximity Ambient Light
BATTERY SYSTEM	7.6V, 8,340 mAH, 64Wh Up to 10Hr battery life[1] Hot swappable
WIRELESS/NETWORK	
WLAN	Intel AX211 802.11 a/b/g/n/ac/ax Wi-Fi 6E
Bluetooth	5.3
GPS	uBlox-M9N
LTE	Optional 4G
RFID/NFC	Optional 13.56MHz/125kHz
SECURITY	
TPM	2.0
AGENCY APPR	FCC, CE, IC, WEEE, RoHS

[1]Battery life varies significantly depending on settings, app usage, and other factors

Getting Started

Power Supply

This section provides basic safety precautions when using an AC/DC adapter and battery.

AC/DC Adapter

Ensure the xTablet T1175 is connected to an AC power source via the AC adapter before turning it on for the first time. If the xTablet automatically shuts down due to low battery power, it is likely to cause system failure. Below are some Dos and Don'ts for an AC/DC adapter.

Dos

- Use the adapter that shipped with xTablet T1175 only.
- Always be aware of heat coming from the AC/DC adapter while in use.
- Unplug the AC power cord before disassembling the tablet.

Don'ts

- Never cover an adapter that is in use as it can generate heat.
- Have the AC power cord plugged in after powering off the system when the tablet is going to be left unused for a longer time.

Plug the AC/DC Adapter

- Plug the DC end into the USB-C Power Delivery (PD) port of the xTablet T1175. 
- Plug the AC/DC adapter into the power outlet.
- When removing, follow steps in reverse order.

(NOTE: The interchangeable plug may vary depending on countries or regions.)

Battery

This Tablet is equipped with a built-in Lithium-ion Polymer battery pack.
The rechargeable Lithium-ion Polymer battery pack is an internal power source.

The battery pack may be damaged if users attempt to disassemble it. The limited warranty will be voided if the battery pack is disassembled by non-authorized technicians. Please follow your local laws and regulations to recycle the Tablet and the built-in battery pack.

Conserving Battery Power

Efficient battery power is critical to maintain normal operation. If battery power is not managed well, the saved data and customized settings may be lost.

To optimize battery life and avoid sudden power loss, read the tips below:

- Suspend system operation if the system will be idle for a period of time.
- Disable unnecessary settings or remove idle peripherals.
- Connect an AC/DC adapter to the system whenever possible.

Charging the Battery Pack

The built-in battery pack can be recharged when the Tablet is connected to the AC power. Please pay attention to the following tips before recharging the battery:

- You can use the system, suspend system operation or shut down and turn off the system without interrupting the charging process.
- The built-in battery pack uses Lithium-ion Polymer battery cells that have no “memory effect.” It is unnecessary to discharge the battery before recharging. However, to optimize the life of battery, we suggest that consuming the battery power completely once a month is necessary.
- The actual charging time will be determined by the applications in use.

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Contact our sales team today | sales@mobiledemand.com | 319.363.4121
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