

User Manual

xTablet T1270



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Copyright and Trademarks Notice

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Revision History

- Version: 1.0
- Date: 04, 2018

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 RF Radiation Exposure Statement:

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 1.30 W/kg@1g (body).



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.



Taiwan: 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 60°C (140°F) or below -20°C (-4°F), which may damage the equipment.
- This unit should be operated under maximum ambient temperature of 50°C (122°F) or under 60°C (140°F) for light loading applications.

Followings are requirements of battery storage:



1. Storage temperature up to 3 months should remain between -20° ~45°C ;
Storage temperature of 3 months to 1 year should remain between 23°± 2°C.
2. The battery capacity should remain at 30 ± 5%.
3. The storage humidity should remain at 65 ± 25%RH.
4. The battery charging temperature 10° ~45°C , discharging temperature -20° ~60°C.
5. For the maximum battery discharging performance, storage temperature = 25°C.



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 the 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.
-

Introduction

Congratulations on the purchase of MobileDemand's xTablet® T1270. 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 your local dealer immediately. Please keep the box and packing materials in the event you need to ship the unit. The package should contain the following items:

- XTablet T1270
- AC/DC adapter and AC power cord
- Hand strap
- Brief case handle
- Stylus (optional)
- Stylus holder (optional)
- Quick Start Manual (optional)

Product Overview



1. Status LED

Power

- LED glows when the tablet power is turned on.
- LED flashes when the tablet goes to the sleep state.
- LED goes off when the tablet is turned off.

Drive Activity Indicator

- LED blinks when the system is accessing the internal storage drives.

Battery

- LED glows green when the battery is being charged.
- LED turns glowing amber while the battery is in low capacity below 7% status.
- Continuously blinks amber if the battery fails. If the problem persists, please contact your local authorized retailer or service center.
- Battery LED goes out when it is fully charged or when the AC/DC adapter is disconnected.

2. Internal Microphone

3. Touch Screen

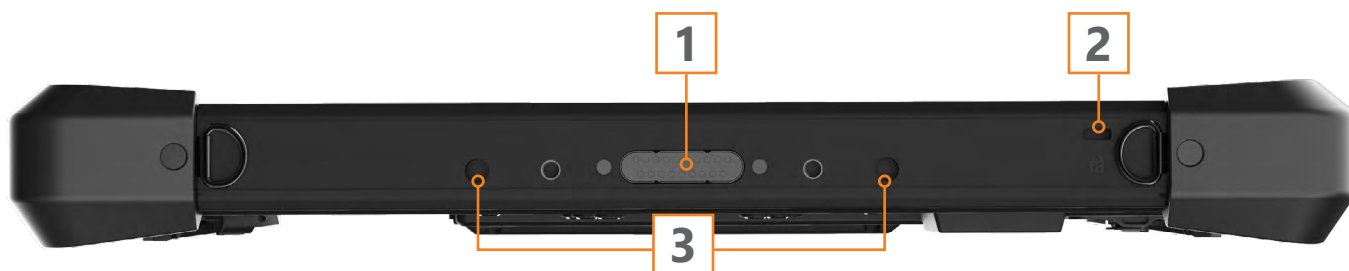
4. Camera



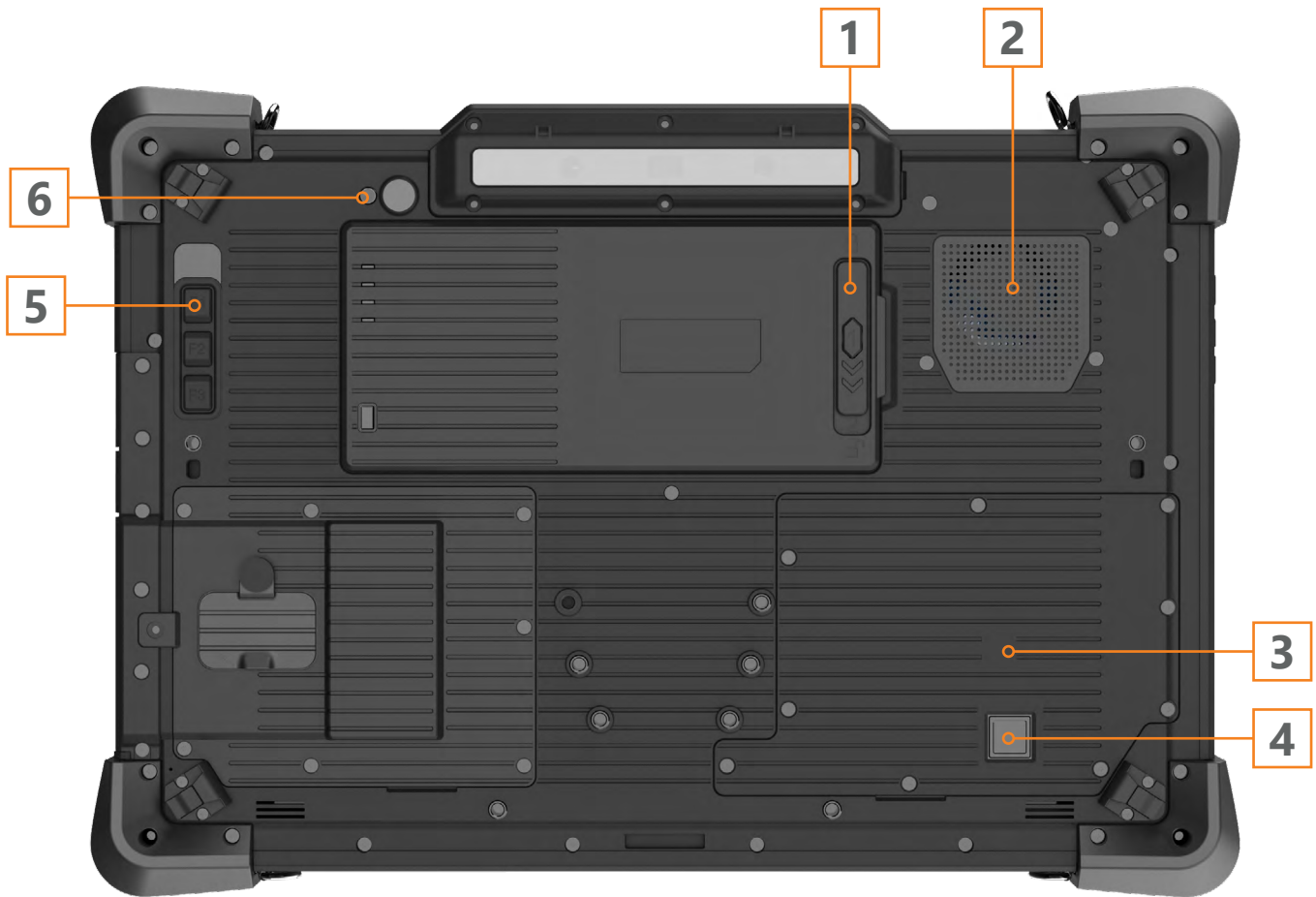
1. Barcode scanner (optional)



1. DC-in Jack
2. Reset Hole
3. Headphone Jack
4. USB 3.0 Port
5. RJ-45 Connector
6. Micro HDMI Port



1. Dock Connector
2. Kensington Lock
3. Dock Guide Holes



1. Battery Latch

2. Fan

3. NFC (optional)

4. Finger Print Reader (optional)

5. Function Key

F1 - Trigger Barcode Scanner

F2 - Enable/Disable Stealth Mode (Turns off LEDs, Wi-Fi, BT, LTE, Backlight, Speaker)

F3 - User Configurable within Predefined Options

6. Rear Camera

Specifications

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

DIMENSIONS	12.5"W x 8.4"H x 1.1"D 4.3lbs (1.95kg) - base config
DISPLAY	12.2" Capacitive 1920 (W) x 1200 (H) resolution Sunlight Viewable
CPU	Intel® Core i5-7200U;
MEMORY	8GB Standard, 16GB (optional)
STORAGE	128 Standard, 256-512GB-1TB (optional)
O/S	Windows 10 Professional 64-bit
RUGGEDIZED	MIL-STD 810G (4' drop) 1000x Tumble Test (pending)
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	95% non-condensing
I/O PORTS	USB Type A 3.0 HDMI Type D (Micro) Ethernet Power - DC Barrel Jack Micro SIM Card Slot MicroSD Slot 3.5mm Aux
BATTERY SYSTEM	Standard: 7.6V, 6200 mAh / 47.12 Wh Backup: 142 mAh Up to 8Hr Battery life ¹ Hot swappable

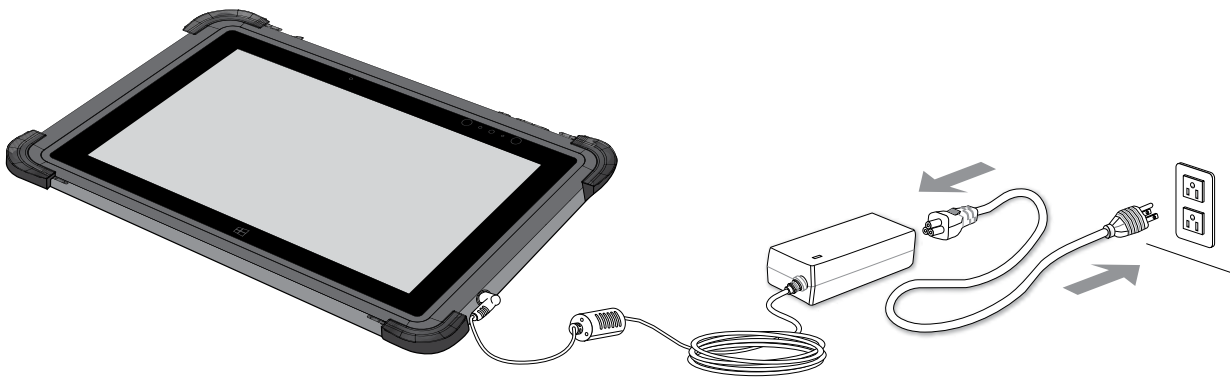
CAMERA	Front - 2 MP Rear - 8 MP
OPTIONAL 3D CAMERA CHARACTERISTICS	
Model	Intel RealSense D415 Camera
Technology	Intel RealSense Vision Processor D4; Intel RealSense module D415 Active IR stereo
Depth Field of View	69.4° x 42.5° x 77° (+/- 3°)
Output	Depth stream resolution up to 1280x720; frame rate up to 90 fps
Sensor Resolution	RGB 1920x1080 at 30 fps
Sensor FOV	69.4° Horizontal x 42.5° Vertical x 77° Diagonal (+/- 3°)
Distance and Range	Minimum depth - distance 0.3m Maximum range - approximately 10m depending on calibration, scene, and lighting condition
WIRELESS/NETWORK	
WLAN	802.11 a/b/g/n/ac, 2.4G/5G
Bluetooth	4.2
GPS	Ublox NEO-M8N onboard Concurrent reception of GPS/QZSS, GLONASS, BeiDou
4G LTE	Sierra Wireless EM7565 (optional)
AGENCY APPROVAL	FCC-CE-IC

¹Battery 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 T1270 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 T1270 only.
- Always be aware of heat coming from the AC/DC adapter while in use.
- Unplug the AC power cord before disassembly the notebook.

► **Don'ts**

- Never cover an adapter that is in use as it can generate heat.
- Never leave the power cord plugged in after powering off the system.

1. Take up the interchangeable plug and look for the groove on the interchangeable plug which can be used for locking on the AC/DC adapter. Then align the groove of the interchangeable plug on the tenon of the AC/DC adapter with correct orientation. Next, rotate the interchangeable plug 90 degrees clockwise until it is fixed on the AC/DC adapter.
2. Plug the DC end of the AC/DC adapter into the DC-in jack of the xTablet T1270.
3. Plug the AC/DC adapter into the power outlet.
4. 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 high-capacity 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.

(NOTE: Please do not charge battery in temperature below 0° or above 45°C , it may cause safety issue.)

