AMobile HT10 Rugged Android Tablet Device User Guide

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HT10 Rugged Android Tablet Device

HT10 Rugged Android Tablet Device Quick Start Guide

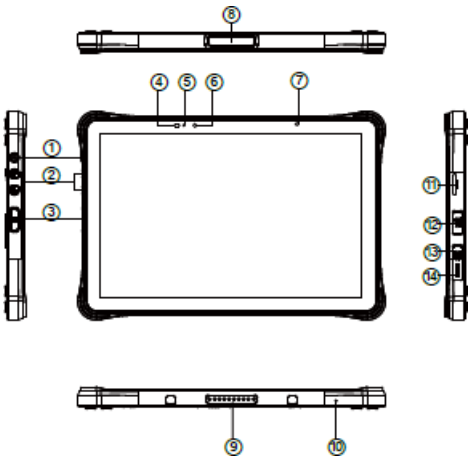
Overview

Package Content

- 1 x HT10

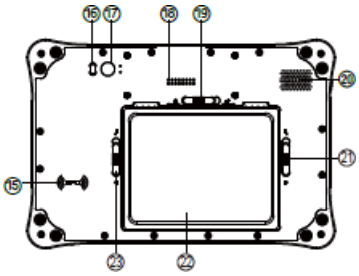
- 1 x Lithium Battery (10000mAh)
- 1 x Charger (5V/2A or 9V/2A)
- 1 x Type C USB Cable(1M)
- 1 x Quick Start Guide

Front View/Side View



Overview

Rear View



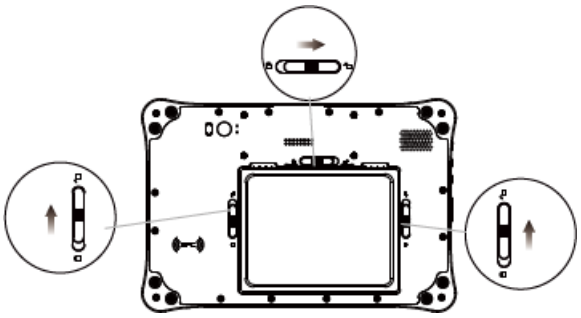
1	Power Button	13	USB Type-C
2	Volume Button	14	Micro HDMI
3	Scan Key	14	NFC
4	Light sensor	15	LED Flash
5	Charging LED	16	Rear Camera
6	Front Camera	17	POGOPIN
7	Scan LED	18	Battery Cover Lock
8	Barcode Scanner	19	Speaker
9	POGOPIN	20	Battery Cover Lock
10	MIC	21	Battery
11	TF/ Nano SIM Slots	22	Battery Cover Lock
12	USB Type-A		

Installation

The HT10 comes with a Lithium battery in the packing box.

1. Make sure to use the battery provided with the HT10. Using a wrong battery may result in a risk of explosion.
2. Before installing the battery, make sure all the components are dry. Using wet components may cause damage not covered by the warranty.

1. Turn off the HT10. Move the battery cover lock buttons to the unlock position.

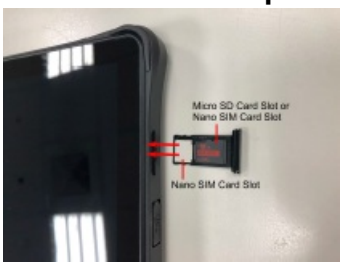


2. Gently pry off the battery cover from the grooves on the sides.

Installation

3. Insert the battery. Please insert the connector side first, and then press the battery down.

4. Replace the battery cover. Move the battery cover lock button to the lock position.
5. Locate the microSD and Nano SIM card holder on the side and insert the card.
6. Push the card holder into the slot until it locks into place.

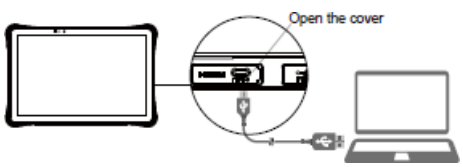


Charging

Charging Via a Computer

1. Open the TYPE-C cover on the right side of the HT10 to reveal the TYPE-C port.
2. Using the provided TYPE-C USB cable, connect the HT10 to your computer.

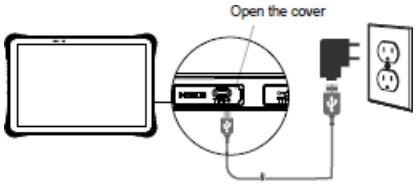
Open the cover



Charging via AC Power

1. Open the TYPE-C cover on the right side of the HT10 to reveal the TYPE-C port.
2. Using the provided TYPE-C USB cable, connect the HT10 to the provided power charger.
3. Connect the power charger to charge the HT10.

Open the cover



Using the battery and charger not provided with the HT10 may result in damage not covered by the warranty.

Turning On/Off

Turning On/Off the HT10
1. To turn on the HT10, long press the Power key for 3 seconds.
2. To turn off the HT10, press the Power key for 1 second and then a power menu will pop up.

Sleeping/Awakening Mode
1. When the screen is on, press the Power key to put the HT10 into sleep mode.
2. When the screen is off, press the Power key to wake up the HT10.

Resetting
If the system stops responding, long press the Power key for about 15 seconds and release to reset the HT10.

Power LED

Status	LED	Description
Noncharging	Flashing Red	Battery power is below 15%
	No LED	Battery power is below 15%
	Flashing Green	Incoming call, message or notificati on
Charging	Solid Red	Battery power is 0-89%
	Solid Green	Battery power is 90-100%

Notice

1. Do not use or charge the device in dusty or damp places. Otherwise, the circuit may not function properly.
2. Do not place the device near heater or other sources of heat.
3. Keep the ambient temperature between -10ºC~ 50ºC and relative humidity between 10%90%RH for using the device.
4. Use only the charger and charging cable provided with the device.
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manufacturer be liable for any direct, indirect, special, incidental, or consequential damages arising from the use or inability to use the product or documentation, even if advised of the possibility of such damages.

Warranty Card

Dear Customer:
In order to receive warranty service, please keep the warranty card and present this warranty card if you require any warranty service.
Customer Name: Product Model: Product Name: Date of Purchase: Warranty Period:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. NOTE: 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 can radiate 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:

Specific Absorption Rate (SAR) information: This Mobile Phone meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. FCC RF Exposure Information and Statement The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: HT10(FCC ID: 2AZNT-HT10) has also been tested against this SAR limit. The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.Use only the supplied or an approved antenna.

- 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.

Manufacturer's Name: ARBOR Technology Corp. Product Name: 10″ Rugged Android Tablet Device
Trade Mark: ARBOR Model number: HT10, G1019, H79P, HT10A, HT10B, HT10C, HT10D, HT10E , HT10F , HT10G, HT10H, HT10J This device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. All essential radio test suites have been carried out. The device complies with RF specifications when the device used at 0mm from your body. The product shall only be connected to a USB interface of version USB2.0

RF Specification:

Function	Operation Frequency	Max RF ou tputpower:	Limit

BLE	2402MHz–2480MHz	2.58dBm	20 dBm.
BT(BR+EDR)	2402MHz–2480MHz	8.29dBm	20 dBm.
WIFI 802.11b/g/ n(HT20,HT40)	802.11b/g/n(20MHz): 2412~2472MHz; 802.11n(40MHz):2422~2462MHz	16.14dBm	20 dBm.
Wi-Fi 5.2G(802.11a/n20/n40)	802.11a/ n20: 5180MHz 802.11 n40: 5190MHz	10.95dBm	23 dBm.
Wi-Fi 5.3G(802.11a/n20/n40)	802.11a/ n20: 5320MHz~5825MHz 802.11 802.11n(40MHz):2422~2462MHz	10.42dBm	23 dBm.
Wi-Fi 5.6G(802.11a/n20/n40)	802.11a/ n20: 5500MHz~5700MHz 802.11 n40: 5510MHz~5670MHz	10.56dBm	23dBm.
Wi-Fi 5.8G(802.11a/n20/n40/ac20/ac40/ac80)	802.11a/ n20/ac20:5745MHz~5825MHz 802.11 n40/ac40:5755MHz~5795MHz 802.11ac80: 5775MHz	10.71dBm	13.98 dBm.
GPRS/EGPRS 900	TX(Uplink):880M-915MHZ; RX(Downlink):925M-960MHZ	27.18 dBm	class 4 (33±3dBm)
GPRS/EGPRS 1800	TX(Uplink):1710M-1785MHZ; RX(Downlink):1805M-1880MHZ	25.57 dBm	class 1 (30±3dBm)
WCDMA Band 1	Tx(Uplink): 1920MHz~1980MHz; Rx(Downlink): 2110MHz~2170MHz	23.46 dBm	23(dBm) ±2,7(dB)
WCDMA Band 8	Tx(Uplink): 880MHz~915MHz; Rx(Downlink): 925MHz~960MHz	23.49 dBm	23(dBm) ±2,7(dB)

LTE FDD B1	TX(Uplink):1920-1980MHz; RX(Downlink):2110-2170MHz	24.08 dBm	23(dBm) ±2,7(dB)
LTE FDD B3	TX(Uplink) :1710-1785MHz; RX(Downlink):1805-1880MHz	23.12 dBm	23(dBm) ±2,7(dB)
LTE FDD B7	TX(Uplink) :2500-2570MHz;	25.38 dBm	23(dBm) ±2,7(dB)

	RX(Downlink):2620-2690MHz		
LTE FDD B 8	TX(Uplink): 880MHz to 915 MHz RX(Downlink): 925 MHz to 960 MHz	24.14 dBm	23(dBm) ±2,7 (dB)
LTE FDD B 20	Tx(Uplink): 832MHz~862MHz; Rx(Downlink): 791MHz~821MHz	23.63 dBm	23(dBm) ±2,7 (dB)
LTE FDD B 28 a	Uplink: 703 MHz to 725MHz Downlink: 758 MHz to 780 MHz	24.37 dBm	23(dBm) ±2,7 (dB)
LTE FDD B 28 b	Uplink: 725.1 MHz to 747.9MHz Downlink: 780.1 MHz to 802.9 MHz	23.34 dBm	23(dBm) ±2,7 (dB)
LTE TDD B 34	Uplink & Downlink: 2010 MHz to 2025 MHz	24.43 dBm	23(dBm) ±2,7 (dB)
LTE TDD B 38	TX(Uplink): 2300 MHz to 2400 MHz; RX(Downlink): 2300 MHz to 2400 MHz	24.74 dBm	23(dBm) ±2,7 (dB)
LTE TDD B 40	TX(Uplink): 2300 MHz to 2400 MHz; RX(Downlink): 2300 MHz to 2400 MHz	24.69 dBm	23(dBm) ±2,7 (dB)
NFC	13.56MHz	18.4dBuA/m@10 m	60
GPS	1.57542GHz	—	—

This product can be used across EU member states.

5150-5350MHz indoor use restriction and member states.

Declaration of Conformity (DoC)

We, ARBOR Technology Corp.

10F., No.700, Zhongzheng Rd., Zhonghe Dist., New Taipei City 235, Taiwan Declare that the DoC is issued under our sole responsibility and belongs to the following product(s): Product Type: 10″ Rugged Android Tablet Device

Trademark ARBOR

Model Number(s): HT10, G1019, H79P, HT10 xxxxxxxxxx (x=0-9, a-z, A-Z and “-“) (Name of product, type or model, batch or serial number)

System components:

Adapter: Model: HJ-FC010K7-US

Input: 100-240V~50/60Hz 0.6A

Output: 5.0V 2.0A OR 9.0V 2.0A OR 12.0V 1.5A

Battery Model:CLP629

Specification:DC 3.8V,1000mAh

Manufacturer :Shenzhen Cholipower Technology Co., Ltd.

Antenna Manufacturer: SHENZHEN HAOTIAN CHENG WIRELESS TECHNOLOGY CO.,LTD.

BT/WIFI2.4G antenna : FPC Antenna Antenna Gain: 1.1 dBi

WIFI5G antenna : FPC antenna Antenna Gain: 0.79dBi

2G antenna : FPC Antenna Antenna Gain: (GSM900: -0.61dBi)/(DCS1800: -1.22dBi)

3G antenna : FPC Antenna Antenna Gain: (Band Ⅰ: 0.57dBi, Band Ⅷ: -0.61dBi)

4G: B1 : FPC Antenna Antenna Gain: 0.57dBi ; B3:-1.22dBi ; B7 1.83dBi ; B8 -0.61dBi ;

B20: -2.17dBi ; B28A :-3.54dBi ; B28B: -3.54dBi ; B34:2.81dBi ; B38: 2.81dBi ;B40: 1.73dBi NFC: Induction coil GPS: Ceramic Antenna

Optional components:

HardWare Version: V0.3

Soft Ware Version: N/A

The object of the declaration described above is in conformity with the essential requirements of the relevant Union harmonization legislation: Radio Equipment Directive RED (2014/53/EU). The following harmonized standards and technical specifications have been applied: HEALTH & SAFETY (Art. 3(1)(a)):

EN 50566:2017;EN 62209-2:2010;EN 62479:2010;

EN 62368-1:2014+A11:2017

EMC (Art. 3(1)(b)):

ETSI EN 301 489-1 V2.2.3 (2019-11)

ETSI EN 301 489-3 V2.1.1 (2019-03)

ETSI EN 301 489-17 V3.2.4 (2020-09)

ETSI EN 301 489-19 V2.1.1 (2019-04)

ETSI EN 301 489-52 V1.2.1 (2021-11)

EN 55032:2015+A11:2020; EN 55035:2017+A11:2020

EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019

Radio Spectrum (Article 3.2):

ETSI EN 300 328 V2.2.2 (2019-07);

ETSI EN 301 893 V2.1.1 (2017-05);

ETSI EN 301 511 V12.5.1 (2017-03)

ETSI EN 300 440 V2.2.1 (2018-07);

ETSI EN 301 908-1 V13.1.1 (2019-11)

ETSI EN 301 908-2 V13.1.1 (2020-06)

ETSI EN 301 908-13 V13.1.1 (2019-11)

ETSI EN 303 413 V1.2.1 (2021-04)

ETSI EN 300 330 V2.1.1 (2017-02)

Notified Body Involved:

Notified Body: Eurofins Electrical and Electronic Testing NA, Inc.

Notified Body Number: 0980

Activity Performed: EU-Type Examination (Module B)

Technical file held by: ARBOR Technology Corp.

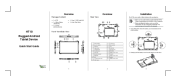
10F., No.700, Zhongzheng Rd., Zhonghe Dist., New Taipei City 235, Taiwan

Signed for and on behalf of: ARBOR Technology Corp.

Name and Title: Clark Lian / manager

Address: 10F., No.700, Zhongzheng Rd., Zhonghe Dist., New Taipei City 235, Taiwan

Documents / Resources

	**AMobile HT10 Rugged Android Tablet Device** [pdf] User Guide HT10, 2AZNT-HT10, 2AZNTHT10, HT10 Rugged Android Tablet Device, Rugged Android Tablet Device, Android Tablet Device, Tablet Device, HT10 Rugged Android Tablet, Rugged Android Tablet, Android Tablet, Tablet

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