

T-RANGER Customizable Rugged Tablet



T-RANGER Customizable Rugged Tablet User Guide

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T-RANGER

T-RANGER Customizable Rugged Tablet



Thank you for choosing a Custom® product

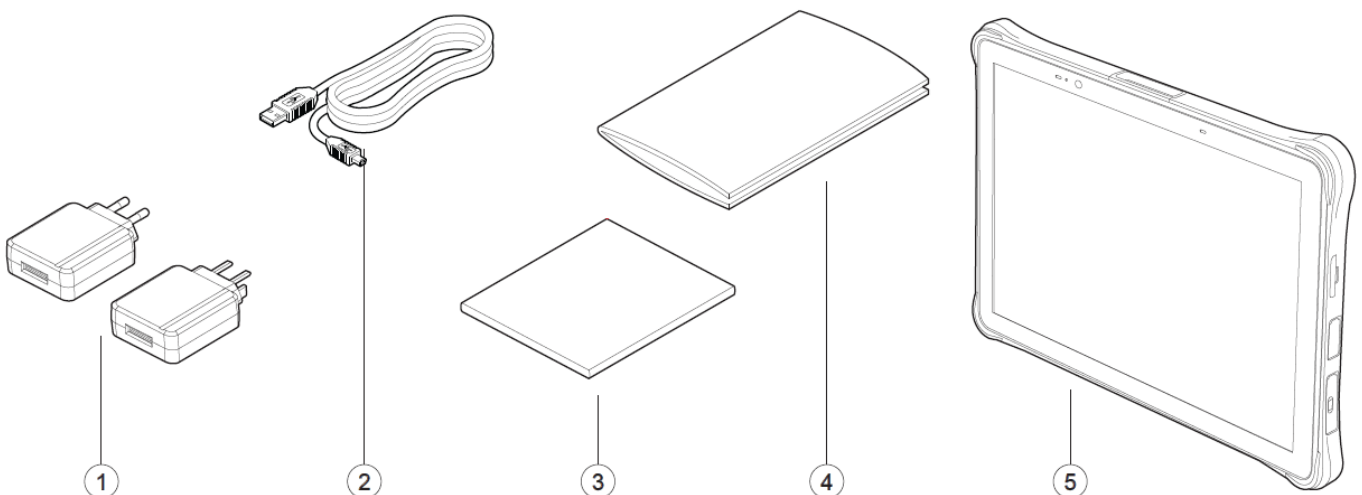
IDENTIFICATION OF THE MODEL

- T- Ranger 2D LTE BRC A11 US Model with barcode reader for the American market
- T- Ranger 2D LTE A11 US Model without barcode reader for the American market
- T- Ranger 2D LTE BRC A11 EU Model with barcode reader for the European market
- T- Ranger LTE A11 EU Model without barcode reader for the European market

BOX CONTENTS

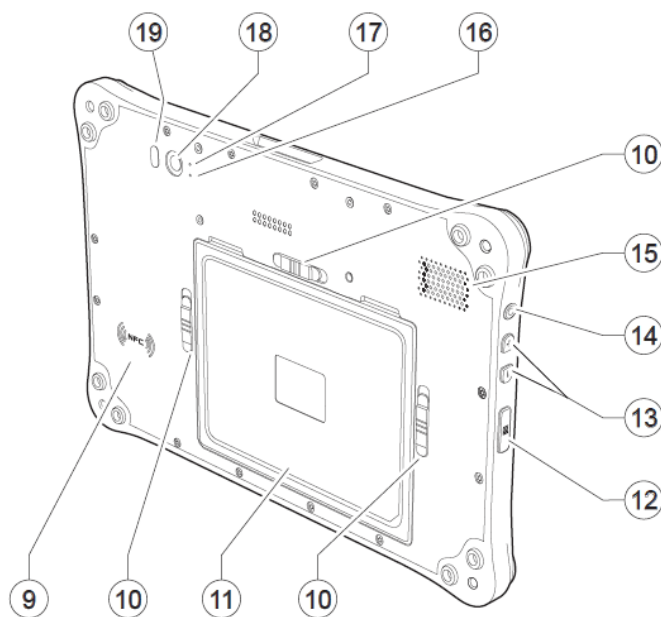
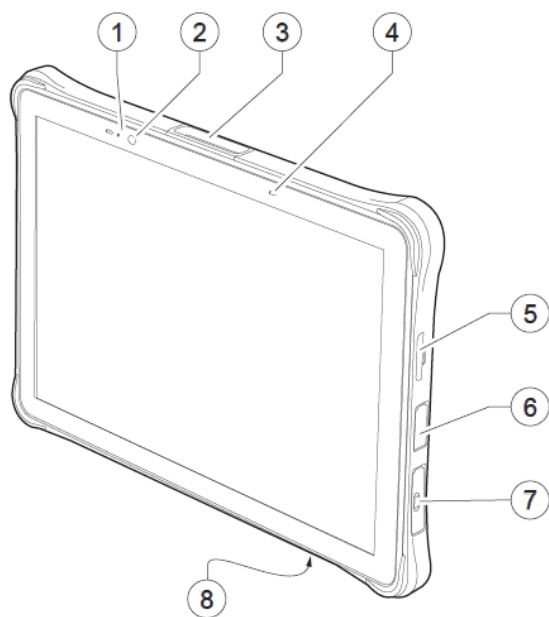
Make sure that all the components illustrated below are present in the box and that there are no signs of damage.

1. Standard AC adapter EU/US market
2. USB type A – USB type C cable
3. Lithium battery
4. Documentation (Short guide)
5. Device



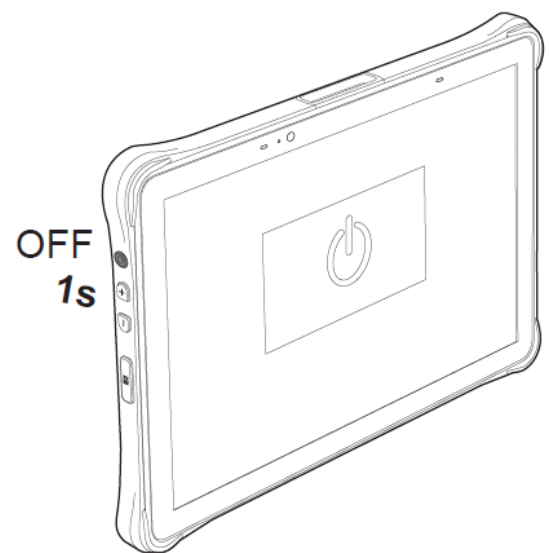
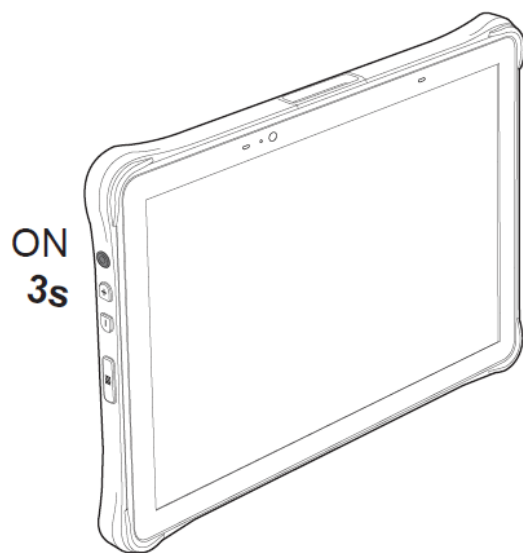
DEVICE DESCRIPTION

1. Status LED
2. Front camera
3. Barcode scanner (optional)
4. Scan LED
5. MicroSD/ Nano SIM slot
6. USB type A port cover
7. USB type C and micro HDMI port cover
8. Microphone
9. NFC
10. Battery cover lock button
11. Battery cover
12. Scan key
13. Volume keys
14. On/Of key
15. Speaker
16. Barometer sensor
17. Microphone
18. Rear camera
19. LED la sh



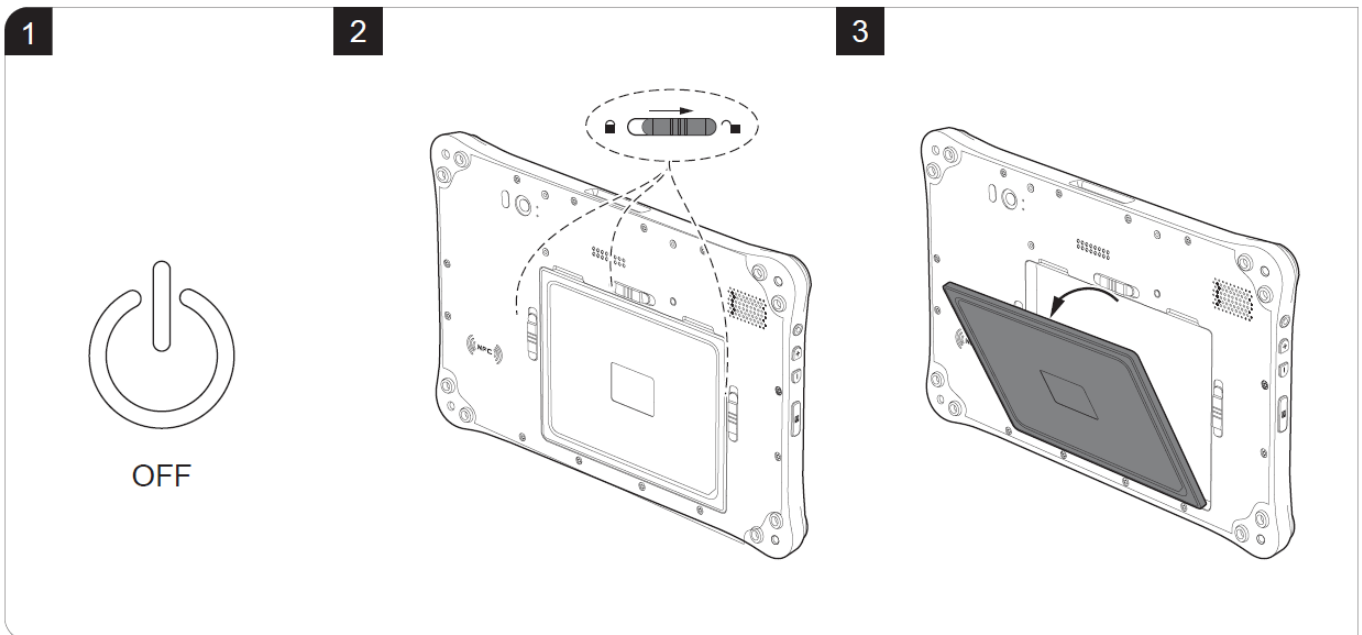
SWITCH THE DEVICE ON/OFF

- To turn on the device press and hold the ON/OFF key for at least 3 seconds.
- To turn of the device, press the ON/OFF key, wait for the menu to appear on the screen, press the switch of icon.



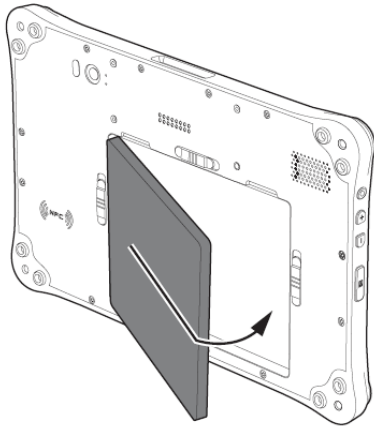
BATTERY AND SIM CARD INSTALLATION

- Turn of the device.
- Move the battery cover lock buttons to the unlock position.
- Gently pry of the battery cover from the grooves on the sides.

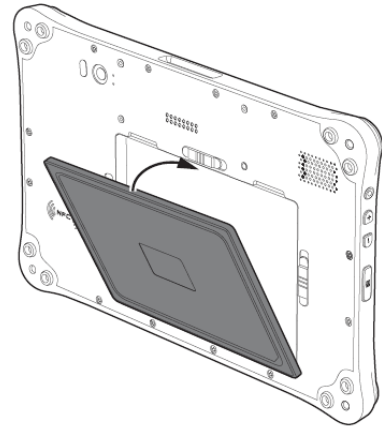


- Insert the battery, i the connector side irst and then press the battery down.
- Replace the battery cover.

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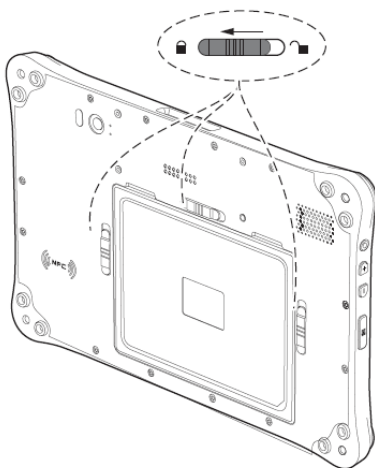


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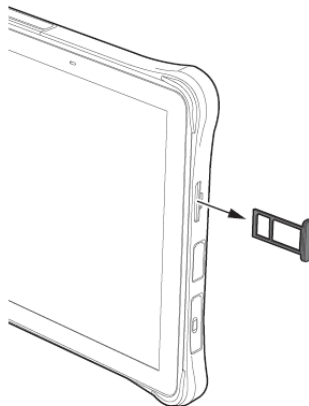


- Move the battery cover lock buttons to the lock position.
- Locate and open the MicroSD and Nano SIM card holder on the side of the device.
- Insert the MicroSD card by pushing the card holder into the slot until it locks into place.

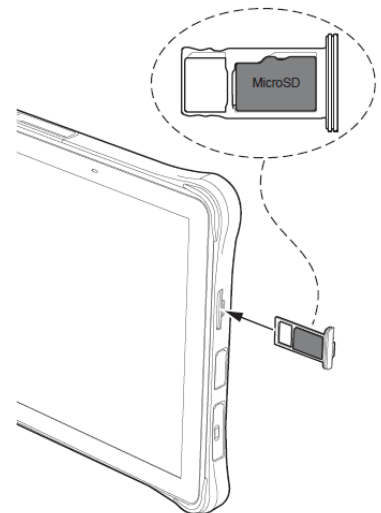
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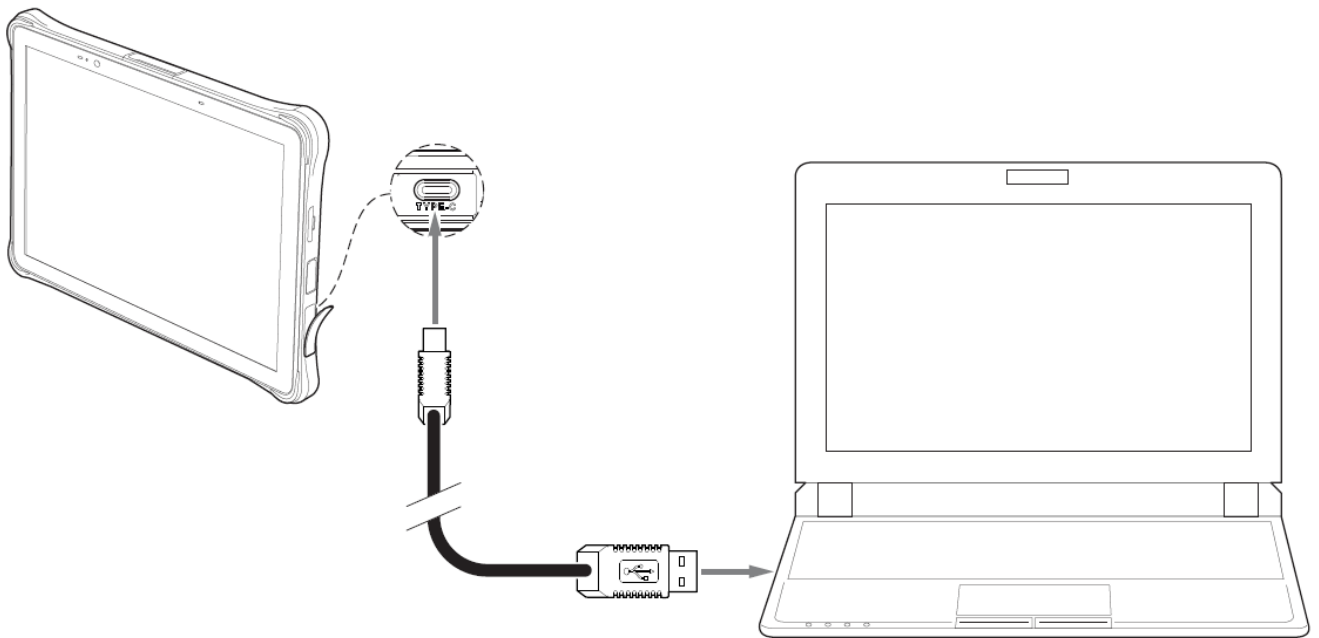


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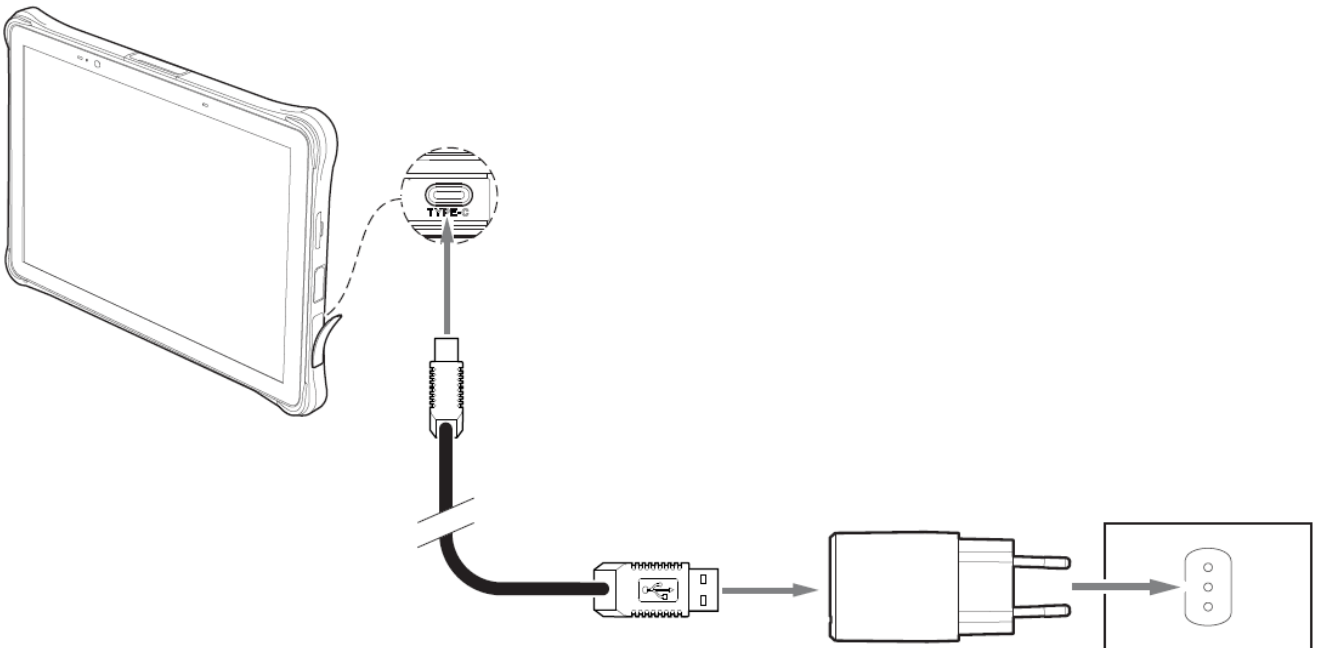
CHARGING VIA PC

- Open the USB type C cover on the right side of the device and located the USB type C port.
- Using the provided USB type C cable, connect the device to your computer.



CHARGING VIA AC ADAPTER

- Open the USB type C cover on the right side of the device and local the USB type C port.
- Using the provided USB type C cable, connect the device-provided CA adapter..
- Connect the included power adapter to the main outlet.



STANDBY/AWAKENING MODE

- When the screen is on, press the On/Of key to activate sleep mode.
- When the screen is of , press the On/Of key to wake up the screen.

RESETTING

If the system stops responding, long press the On/Of key for about 15 seconds and release to reset the device.

CLEANING

Cleaning your device regularly ensures print quality and may extend the life of the printer. Use a non-abrasive cloth slightly moistened with water.

STATUS MESSAGES

Non charging

STATUS LED	DESCRIPTION
FLASHING RED	BATTERY POWER IS BELOW 15%
-	BATTERY POWER IS ABOVE 15%
FLASHING GREEN	INCOMING CALL, MESSAGE OR NOTIFICATION

Charging

STATUS LED	DESCRIPTION
SOLID RED	BATTERY POWER IS BELOW 89%
SOLID GREEN	BATTERY POWER IS ABOVE 90%

TECHNICAL SPECIFICATION

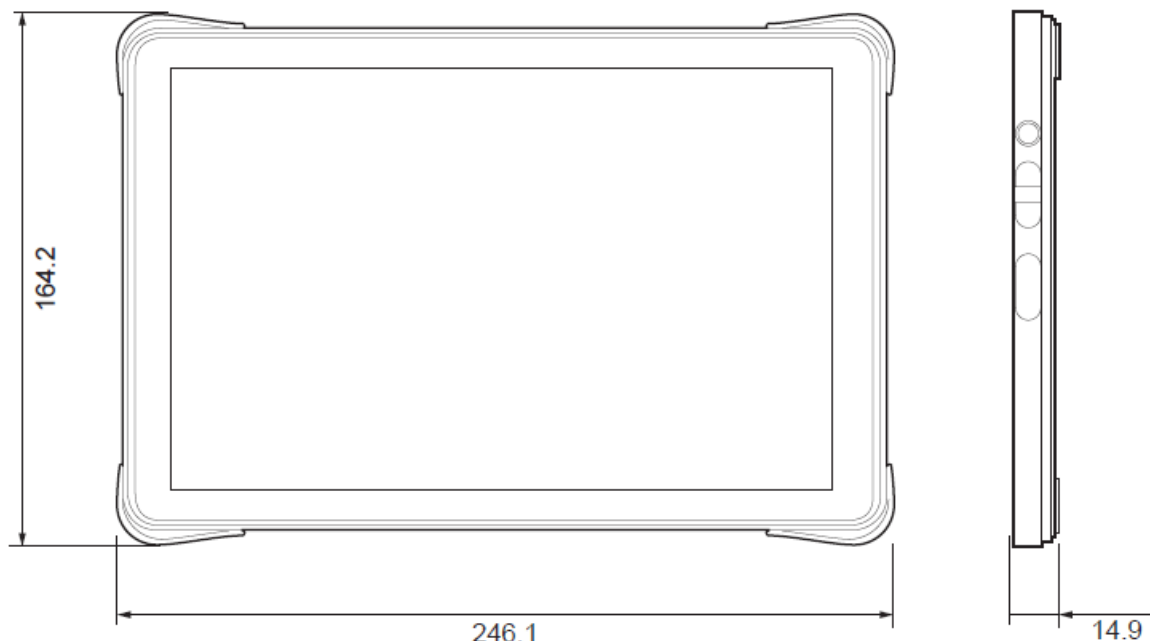
GENERAL	
Processor	MediaTek MT8788 (4x Cortex A73 2.0 GHz / 4x Cortex A53 2.0 GHz)
Memory RAM	4 GB (LPDDR 4X)
Flash memory	64 GB
Operating system	Android™ 11
LCD	
Dimensions	10.1" IPS TFT LCD
Resolution	1200 x 1920 (FHD)
Brightness (cd/m2)	400 cd/m2 (MIN)
Touch screen	Capacitive
PERIPHERALS AND DEVICES	
Camera	Front: 8 M (Default) Rear: 13 M AF (Default) with la shlight
Sensor	Accelerometer (G-sensor), magnetometer, gyroscope, barometer, ambient light sensor
Navigation	AGPS/GPS/Glonass/Beidou/Galileo
Barcode scanner	Zebra 4710
Audio e vibration	2 x built-in microphone, 1 x built-in speaker (2W), 1 x vibration present
OTG (USB On-The-Go)	Support
PTT (Push To Talk)	Support

WIRELESS	
WLAN	2.4 G, 5 G (Dual band)
Bluetooth	4.2
WWAN	2 G: GSM/GPRS: 850/900/1800/1900 MHz 3 G: WCDMA: B1/B2/B5/B8 4 G: LTE Bands 1/2/3/4/5/7/8/12/17/19/20/28A/28B/34/38/39/40/41
NFC	Support (ISO/IEC14443A/B; ISO/IEC15693; Tags T1/2/3/4/5; etc.)
I/O INTERFACE	
SD Slot	1 x microSD card slot (max 512GB)
HDMI	1 x Micro HDMI
SIM Socket	Mode 1: 2 x Nano SIM Mode 2: 1 x Nano SIM, 1 x micro SD
USB Port	1 x USB Type-A, 1 x USB Type-C
POWER SUPPLY ELECTRICAL SPECIFICATIONS	
Charging	USB Type-C, Pogo pin (Fast charging)
Input	9 V, 2 A (Fast charging) or 5 V, 2 A
Battery capacity	1 x Hot swappable 3.8 V 10000 mAh 1 x internal battery pack 1000 mAh
ENVIRONMENTAL CONDITIONS	
Operating temperature	from -10 °C to +50 °C
Relative humidity (RH)	from 10% to 90% (w/o condensation)
Storage temperature range	from -30 °C to +70 °C
Storage relative humidity (RH)	from 10% to 90% (w/o condensation)

DEVICE DIMENSION

- **Width** 264.1
- **Length** 14.9
- **Height** 164.2
- **Weight** 890 g

All the dimensions shown in the following figures are in millimetres.



TECHNICAL SERVICE

- Find the product label located on the bottom of the device. The label shows the product code PC, serial number SN and hardware release HW.
- Login to the site www.custom4u.it and use the support tools.

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Customer Service Department: www.custom4u.it

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THE IMAGES USED IN THIS MANUAL ARE USED AS ILLUSTRATIVE EXAMPLES. THEY COULDN'T REPRODUCE THE DESCRIBED MODEL FAITHFULLY. UNLESS OTHERWISE SPECIFIED, THE INFORMATION GIVEN IN THIS MANUAL ARE REFERRED TO ALL MODELS IN PRODUCTION AT THE ISSUE DATE OF THIS DOCUMENT.

GENERAL INSTRUCTIONS

CUSTOM S.p.A. declines all responsibility for accidents or damage to persons or property occurring as a result of tampering, structural or functional modifications, unsuitable or incorrect installations, environments not in keeping with the equipment's protection degree or with the required temperature and humidity conditions, failure to carry out maintenance and periodical inspections and poor repair work.

- The format used for this manual improves the use of natural resources reducing the quantity of necessary paper to print this copy.

GENERAL SAFETY INFORMATION

Your attention is drawn to the following actions that could compromise the characteristics of the product:

- Read and retain the instructions that follow.
- Follow all indications and instructions given on the device.
- Make sure that the surface on which the device rests is stable. If it is not, the device could fall, seriously damaging it.
- Make sure that the device rests on a hard (non-padded) surface and that there is sufficient ventilation.
- Do not immerse the device or its accessories such as power supplies unless specifically provided in this manual.
- When positioning the device, make sure cables do not get damaged.
- The mains power supply must comply with the rules in force in the Country where you intend to install the equipment.
- Make sure that there is an easily accessible outlet with a capacity of no less than 10A close to where the device is to be installed.
- Make sure the power cable provided with the appliance, or that you intend to use is suitable with the wall socket available in the system.
- Make sure the electrical system that supplies power to the device is equipped with a ground wire and is protected by a differential switch.
- Before any type of work is done on the machine, disconnect the power supply.
- Use the type of electrical power supply indicated on the device label.
- Take care the operating temperature range of equipment and its ancillary components.
- Do not block the ventilation openings.
- Do not carry out repairs on the device yourself, except for the normal maintenance operations given in the user manual.
- The equipment must be accessible on these components only to trained, authorized personnel.
- Periodically perform scheduled maintenance on the device to avoid dirt build-up that could compromise the correct, safe operation of the unit.
- Use consumables approved by CUSTOM S.p.A.
- Keep this equipment away from moisture.
- If the equipment is not used for an extended period, it is recommended to disconnect it from the power source to avoid transient overvoltage damage.
- To prevent possible hearing damage, do not listen at high volume levels for long periods.
- The barcode scanner uses laser lights to scan barcodes. DO NOT stare into laser beams or point the laser beam at anyone's eyes when it is in operation.

THE CE MARK AFFIXED TO THE PRODUCT CERTIFIES THAT THE PRODUCT SATISFIES THE BASIC SAFETY REQUIREMENTS.

The device conforms with the essential Electromagnetic Compatibility and Electric Safety requirements laid down in Directives 2014/30/ EU and 2014/35/EU since it was designed in conformity with the provisions laid down in the following Standards:

- EN 55032 (Electromagnetic compatibility of multimedia equipment – Emission Requirements)
- EN EN55024/EN55035 (Electromagnetic compatibility of multimedia equipment – Immunity requirements)
- EN IEC/EN62368-1 (Audio/video, information, and communication technology equipment)

The device conforms with the essential requirements laid down in Directives 2014/53/EU about devices equipped with intentional radiators The Declaration of Conformity and other available certifications can be downloaded from the site www.custom4u.it.

GUIDELINES FOR THE DISPOSAL OF THE PRODUCT

The crossed-out rubbish bin logo means that used electrical and electronic products shall NOT be mixed with unsorted municipal waste. For more detailed information about recycling of this product, refer to the instructions of your country for the disposal of these products.

- Do not dispose of this equipment as miscellaneous solid municipal waste, but arrange to have it collected separately.
- The reuse or correct recycling of electronic and electrical equipment (EEE) is important to protect the environment and the well-being of humans.
- Under European Directive WEEE 2012/19/EU, special collection points are available to which to deliver waste electrical and electronic equipment and the equipment can also be handed over to a distributor at the moment of purchasing a new equivalent type.
- The public administration and producers of electrical and electronic equipment are involved in facilitating the processes of the re-use and recovery of waste electrical and electronic equipment through the organisation of collection activities and the use of appropriate planning arrangements.
- Unauthorized disposal of waste electrical and electronic equipment is punishable by law with the appropriate penalties.

FCC STATEMENT

(FEDERAL COMMUNICATIONS COMMISSIONS).

This note is valid only for devices bringing FCC trademarks. This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:

- The devices may not cause harmful interference.
- The devices must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 under 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 and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to 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.

Modifications to this product not authorized by CUSTOM S.p.A. could void the FCC & Industry Canada regulations and negate your authority to operate the product.


- **FCC ID:** OAH-6061023

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 the USA (FCC) is 1.6 W/kg averaging over one gram of tissue. Device types: RT110(FCC ID: OAH-6061023) 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 approved antenna.

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Documents / Resources

	<p>CUSTOM T-RANGER Customizable Rugged Tablet [pdf] User Guide T-RANGER Customizable Rugged Tablet, T-RANGER, Customizable Rugged Tablet, Rugged Tablet, Tablet</p>
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References

- [User Manual](#)

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