

N642

User Manual

Revision: R00 (July 2019)

Trademark

All brand and product names are trademarks or registered trademarks of their respective companies.

Disclaimer

Specifications and documents are subject to change without notice.

Note

Not all models are available in all regions. Not all features are available on all models.

Depending on the specific model purchased, the colour and look of your device and accessories may not exactly match the graphics shown in this document. The screenshots and other presentations shown in this document are for reference only.

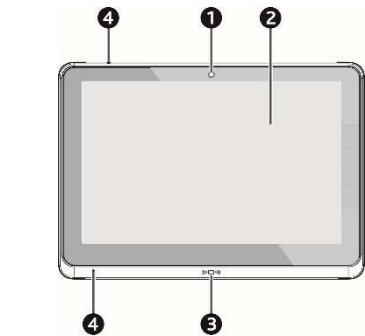
Table of Contents

- Device Basics 4
 - Getting to Know Your Device 4
 - Front-Side View 4
 - Rear-Side View 4
 - Left-/Right-Side View 5
 - Bracket 5
 - Using a Memory Card 5
 - Powering the Device 5
 - Installing the Bracket 6
 - Cable Arrangement 6
 - Mounting the Device 7
- Getting Started 8
 - Using the Touch Screen 8
 - Door Access 9
- Reference 10
 - Caring for the Device 10
 - Regulatory Information 10
 - FCC 10
 - IC 11
 - CE 12
 - WEEE 12
 - Bluetooth 13
 - Safety Precautions 13

Device Basics

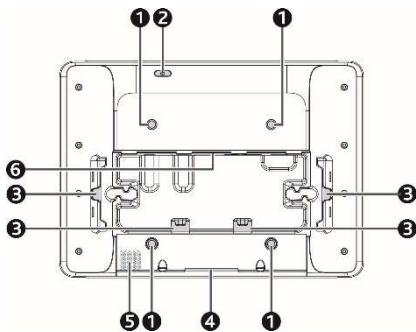
Getting to Know Your Device

Front-Side View



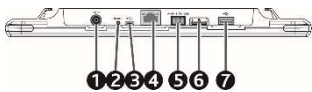
- 1 Front camera lens
- 2 Touch screen
- 3 NFC/RFID sensor
- 4 Microphone

Rear-Side View



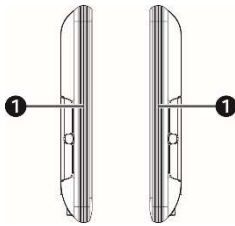
- 1 VESA hole pattern
- 2 Power button
- 3 Cable lock slot
- 4 Slot for bracket
- 5 Speaker
- 6 I/O ports

I/O Ports



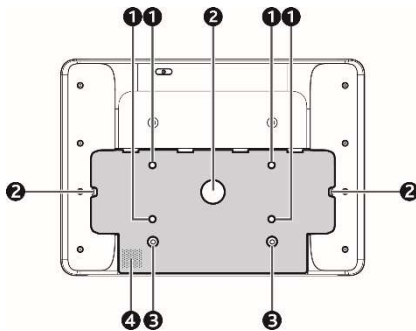
- 1 Power connector
- 2 Reset button
- 3 Micro-USB connector
- 4 RJ-45 connector (PoE+)
- 5 Access control connector
- 6 Memory card slot
- 7 USB 2.0 Type A port

Left-/Right-Side View



- ① LED light bar

Bracket



- ① Screw hole for mounting
- ② Cable lock slot
- ③ VESA hole pattern
- ④ Speaker

Using a Memory Card

Locate the memory card slot in the I/O port area on the rear side of the device.

With its label side facing the rear side of the device, hold the MicroSD card by the edges and gently insert it into the slot.

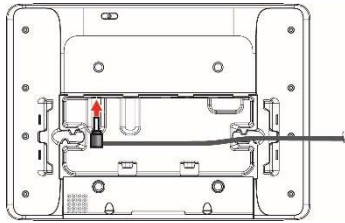
To remove a MicroSD card, first unmount it from the device by tapping **Settings** on the Home screen → **Storage** → ▲. Then gently push the top edge of the card inwards to release it, and pull it out of the slot.

- ❗ Do not apply pressure to the center of the memory card.
- ❗ Inserting the card in the reverse direction may cause damage.
- ❗ The manufacturer does not guarantee the product's compatibilities with the storage cards from all manufacturers.
- ❗ If you encounter access problems with your memory card, please visit the website https://www.sdcard.org/downloads/formatter_4/ and use the "SD Memory Card Formatter 5.0 for SD/SDHC/SDXC" tool to format your memory card.

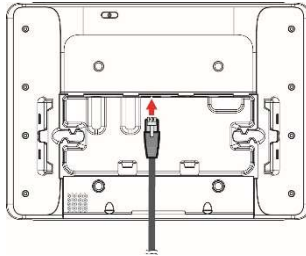
Powering the Device

You can power the device by using an AC adapter (not supplied) or a power-over-Ethernet (PoE) cable (not supplied).

- Using an AC adapter

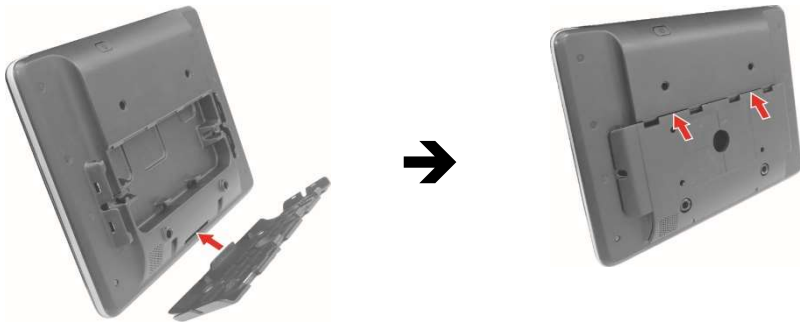


- Using a PoE cable



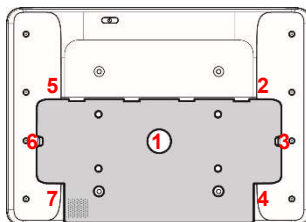
Installing the Bracket

Follow the illustrations to install the bracket.



Cable Arrangement

The device provides convenient cable arrangement through the cable lock slots on the device and on the bracket.



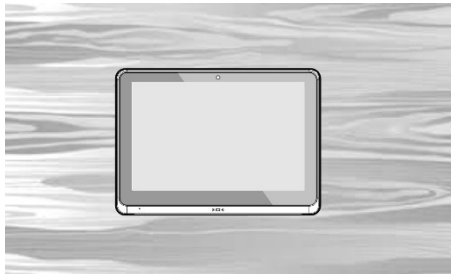
Mounting the Device

You can use the supplied tape and screws to mount the device on various wall surfaces.

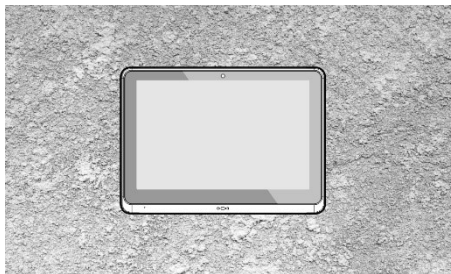
- On a glass wall: Use the supplied adhesive tape to mount the device.



- On a wood wall: Use the supplied screws to mount the device.



- On a concrete wall: Use the supplied screws to mount the device.



Getting Started

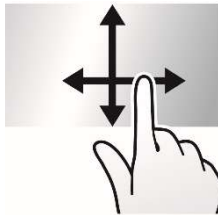
Using the Touch Screen

To operate your device, touch the screen with your finger. You can perform the following actions:

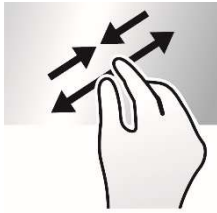
- **Tap:** Touch the screen once with your finger to open items or select on-screen buttons or options.
- **Tap and hold:** Tap and hold on the desired item to open the pop-up menu that contains the available options for the item.



- **Drag:** Tap and hold on the item and then move it to the target position without releasing your finger.
 - **Slide/Swipe:** Drag your finger vertically or horizontally across the screen.
 - Drag to the left/right to switch to the next/previous item on the list.
 - Drag to the top/bottom to scroll up/down the screen.
- ❗ Not all slide gestures are applicable to all applications.

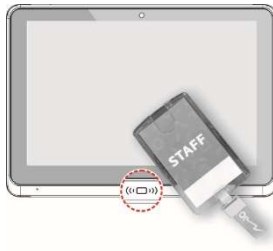


- **Two-finger gestures:** Move your fingers apart or together on the screen to zoom in or out while viewing a picture or a web page.
- ❗ Not all two-finger gestures are applicable to all applications.



Door Access

For door access, place the access card close to the NFC/RF ID sensor at the bottom of the front side of the device.



Reference

Caring for the Device

Taking good care of your device will ensure trouble-free operation and reduce the risk of damage to your device.

- Keep your device away from excessive moisture and extreme temperatures.
- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your device. In the event of moisture condensation, allow the device to dry out completely before use.
- The screen surface can easily be scratched. Avoid touching it with sharp objects. Non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.
- Never clean your device with it powered on. Use a soft, lint-free cloth to wipe the screen and the exterior of your device.
- Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void any warranty.
- Keep your device and its accessories out of the reach of small children or animals.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device, its parts or accessories.

Regulatory Information

For regulatory identification purposes, the series is assigned a model number of N642.

Marking labels located on the exterior of your device indicate the regulations that your model complies with. Please check the marking labels on your device and refer to the corresponding statements in this chapter. Some notices apply to specific models only.

5GHz band (W52,W53): Indoor use only

FCC



Federal Communication Commission 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 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:

- 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.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

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.

Please note:

The use of a non-shielded interface cable with this equipment is prohibited.

RF exposure warning :

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

IC

Canadian Department Of Communications

CAN ICES-3(B)/NMB-3(B)

Radio Interference Regulations Class B Compliance Notice

This Class B digital apparatus meets all requirements of the Canada Interference-Causing equipment regulations.

Cet appareil numérique de Classe B respecte toutes les exigences du Règlement Canadien sur le matériel brouilleur.

This device complies with Industry Canada's licence-exempt RSSs. 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure. Note that this is not intended to prohibit transmission of control or signaling information

or the use of repetitive codes where required by the technology.

The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

High-power radars are allocated as primary users (i.e. priority users) of the bands 5250–5350 MHz and 5650–5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Déclaration d'exposition à la radiation : Cet équipement respecte les limites d'exposition aux rayonnements IC définies pour un environnement non contrôlé. Cet équipement doit être installé et mis en marche à une distance minimale de 20 cm qui sépare l'élément rayonnant de votre corps.

L'émetteur ne doit ni être utilisé avec une autre antenne ou un autre émetteur ni se trouver à leur proximité.

RF exposure warning :

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

CE



Products with the CE marking comply with Radio Equipment Directive (Directive 2014/53/EU) - issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Standards:

- EN 62311
- EN 62479
- EN 50385
- IEC62368-1:2014 (EN62368-1:2014/A11:2017)
- EN 301 489-1/-3/-17
- EN 55032
- EN 55035
- EN 61000-3-2
- EN 61000-3-3
- EN 300 328: BT/WLAN 2.4 GHz
- EN 301 893: WLAN 5 GHz
- EN 300 330: RFID/NFC

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK

WEEE



This symbol means that according to local laws and regulations your product and/or its battery shall be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. Proper recycling of your product will protect human health and the environment.

Bluetooth



Safety Precautions

- When using the device, note that the ambient temperature should be below 45°C (113°F).
- To prevent possible hearing damage, do not listen at high volume levels for long periods of time.
- This product is intended to be supplied by a LISTED Power Unit marked with "LPS", "Limited Power Source" and output rated + 12 V dc / 2.0 A.