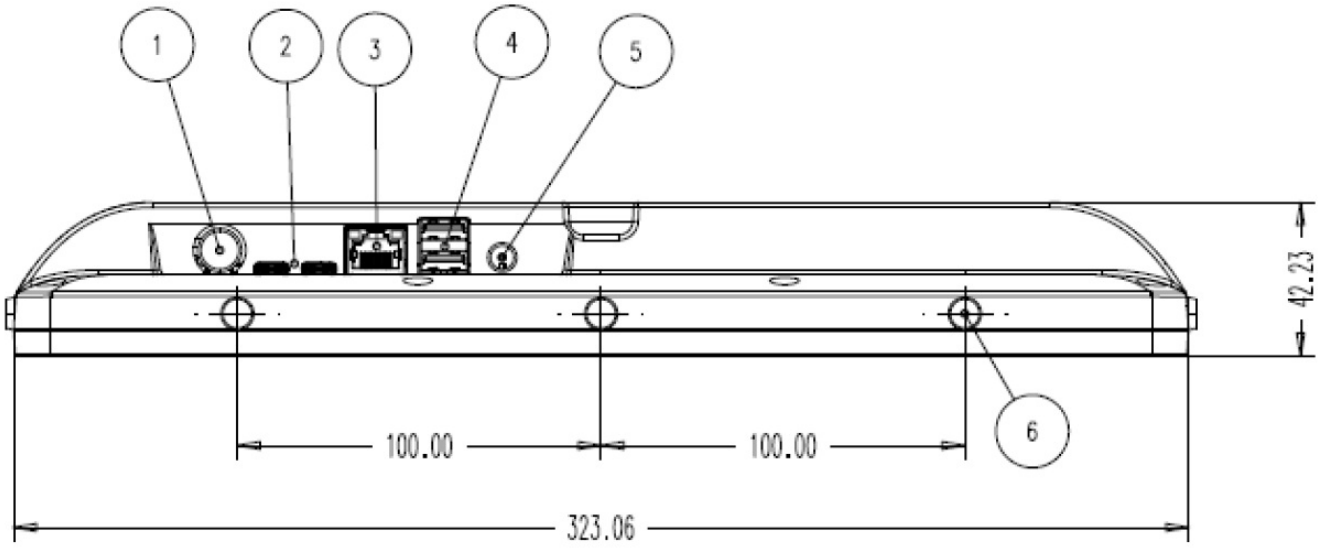
Contents [hide]

OONA222W Self Service or Self Checkout System

Features, buttons & interfaces

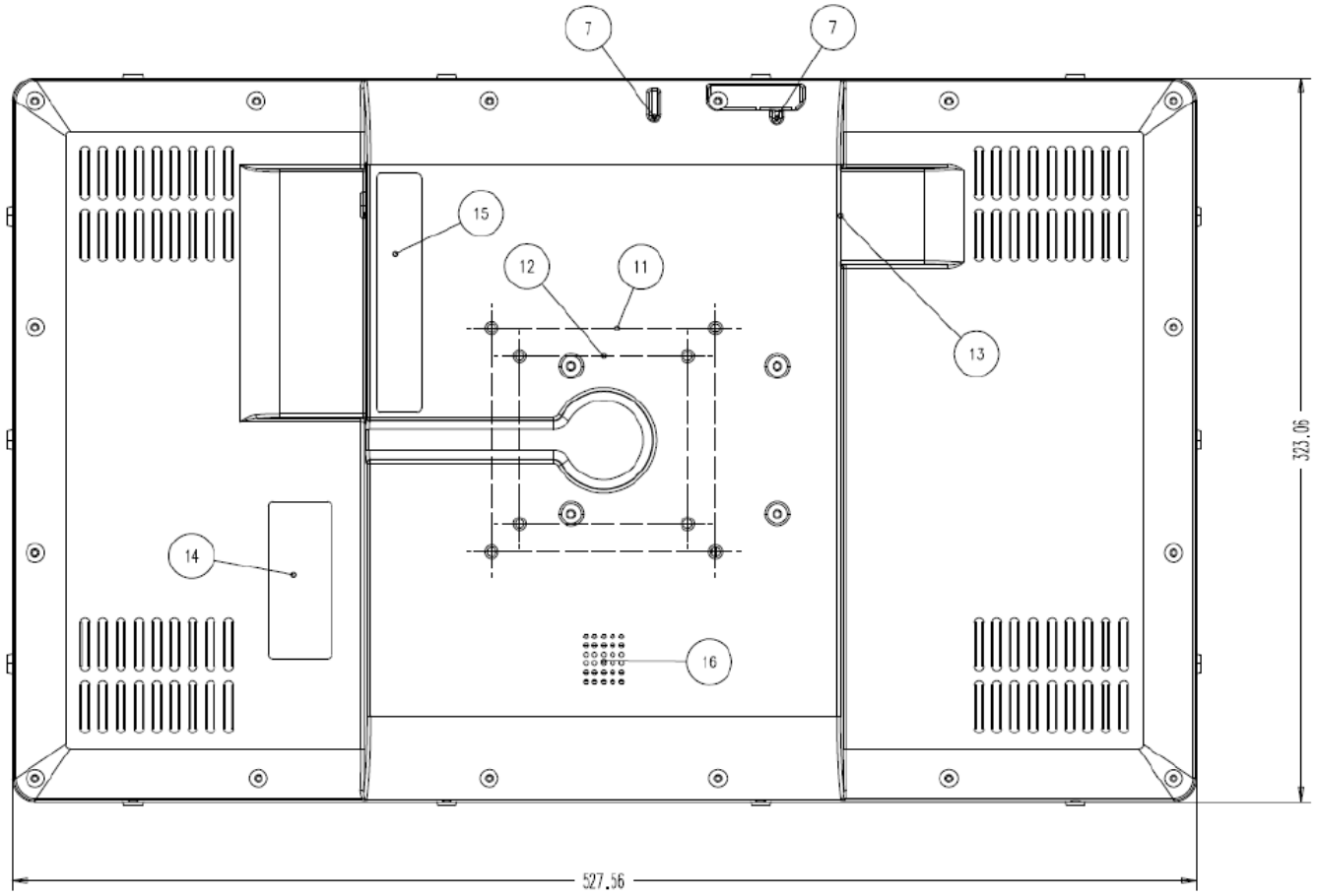
Side View



1	Power Button

2	2 x USB-C interface
3	1 x LAN interface
4	2 x USB-A interface
5	Power in connector
6	Cover plugs

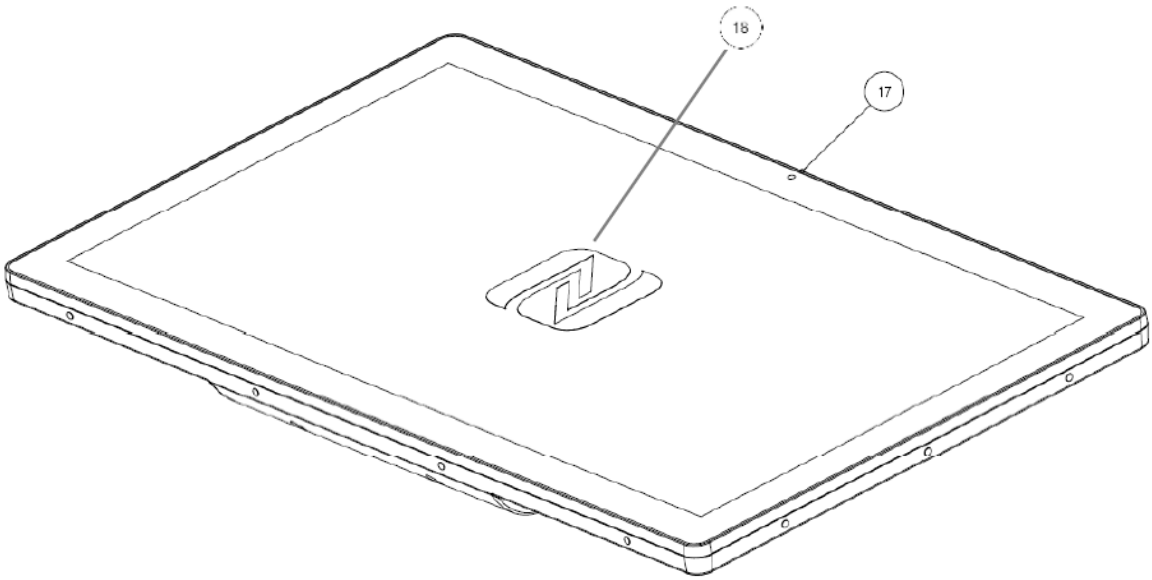
Rear view



7	Microphone
11	VESA mounting 100×100
12	VESA mounting 75×75
13	Service USB port

14	Label
15	Label
16	Speaker

Front view



17	Camera
18	NFC antenna

Power Supply

Using the device for the first time

1. To operate the device please connect the provided power supply to the plug of the device (5). The green LEDs of the power supply unit should light up.
2. Never operate the unit with a power supply other than the provided one. Make sure to use an earthing outlet for AC connection.
3. The device starts automatically once power is supplied. To manually turn on the device press the power button for at least 3 seconds.
4. Follow the instructions on the display to complete the setup.

Troubleshooting

In case devices freezes and you need to do a hard reset, press and hold the power button for approx. 14 seconds. Device will be turned off now.
Connecting USB3.0 devices while being connected to a WLAN network requires it to be a 5GHz connection to maintain it. 2.4GHz networks will be disconnected on the device side while USB3.0 devices are in use.

Important Product and Safety Information

- Do not drop, bend or twist your tablet. This can break tablet display glass, internal circuit boards or mechanics. If the glass breaks, do not touch the glass parts of the device or attempt to remove the broken glass from the device. Stop using the device until the glass is replaced by qualified service personnel.

- Do not try to disassembly your tablet. This may damage the device.
- Operate your device in a place where temperature is between -20°C and +50°C. Operation between -20°C to -10°C will result in limited performance.
- Store your device in a place where temperature is between -20°C and +60°C.
- For operation the socket-outlet shall be installed near the equipment and shall be easily accessible.
- Protect your device from water and moisture intake. Keep connector doors closed when not in use to prevent water and moisture intake.
- Listen to a headset at a moderate level, and do not place the device loudspeaker outlets near your ear when the loudspeakers are in use.
- Use only soft, clean and dry lint-free cloth to clean your device.
- Keep the unit and accessories away from small children.
- Switch off your device before boarding to an aircraft.
- Switch off your device in any area with a potentially explosive atmosphere.
- Power rating for the device: 24V ⎓ 3.0A
- Do not disconnect charger by pulling the cord.
- Do not use damaged power cords or plugs.
- Save energy. You can save energy by doing following:
    - Close unused applications and data connections.
    - Decrease screen brightness and sound volume.
    - Deactivate unnecessary sounds like touch panel sound.
    - Disconnect your device from mains outlet when it’s not operated.
    - Do not keep unnecessary accessories connected in your device.
- Recycle. Return your used electronic units to dedicated collection points.

Warning Statements

To prevent possible hearing damage, do not listen at high volume levels for long periods.

Radio Waves Specifications

The device has the following radio waves specifications:

Radio Waves Specifications

Radio	Frequency	Max. Output Power
NFC	13.56MHz	≤ 60 dBuA@10 m
Bluetooth	2.4-24835GHz	10 dBm(EIRP)
2.4G Wi-Fi	2.4-2.4835GHz	20 dBm(EIRP)
5G Wi-Fi	5.15-5.35GHz	22.2 dBm(EIRP)
	5.47-5.725GHz	23.0 dBm(EIRP)
	5.725-5.85GHz	14.8 dBm(EIRP)
	5.945-6.425GHz	22.9 dBm(EIRP)

Conformity Declarations

Depending on the actual model, following conformity/compliance statements are valid. Please check the type label of your device for further information.

EU Declaration of Conformity

Hereby, Aava Mobile declares that the radio equipment oona 22-2W is in compliance with Directive 2011/65/EU and 1999/5/EC or 2014/53/EU (2014/53/EU supersedes 1999/5/EC from 13th June 2017). The full text of the EU Declaration of Conformity is available at the following internet address: http://www.oona-solution.com/doc

Marking and European Economic Area (EEA)

The use of RLAN's, for use throughout the EEA, have the following restrictions:

- Maximum radiated transmit power of 100 mW EIRP in the frequency range 2.400 – 2.4835 GHz
- 5.13 – 5.35 GHz is restricted to indoor use only

Bluetooth® Wireless Technology for use through the EEA has the following restrictions:

Maximum radiated transmit power of 100mW EIRP in the frequency range 2.400 -2.4835

GHz

Wireless Devices Country Approvals

Regulatory markings, subject to certification, are applied to the device signifying the radio(s) are approved for use in the following countries: United States, Canada, and Europe1. Please refer to the Aava Mobile Declaration of Conformity (DoC) for details of other country markings.

This is available at http://www.oona-solution.com/doc

1 Europe includes: Austria, Belgium, Bulgaria, Croatia, Czech Republic, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland and the UK(NI).

The device supports WLAN 5150-5350 MHz with indoor usage restrictions.

FCC Compliance Statement

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:

- 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.

FCC Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. 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 consider removing the no-collocation statement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This product has been tested and found to comply with the following standards:

- For the worst case positions, the oona 22-2W is in compliance with the IC RSS 102 Issue 5 (RSS 102) and Federal Communications Commission (FCC) Guidelines (KDB) 447498 D03 for uncontrolled exposure. SAR assessment in body worn was conducted with a distance of 0 mm between the housing of the handheld and the flat phantom.
- EM 62311:2008: Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz).

Radio Frequency Interference Requirements – Canada

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

Radio Transmitters

This device complies with Industry Canada’s license-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.

For RLAN Devices:

The use of 5 GHz RLAN's, for use in Canada, have the following restrictions:

Label Marking: The Term 'IC:' before the radio certification only signifies that Industry Canada technical specifications were met.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

802.11a Radio Precaution Statement

- 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;
- Users should also be advised that 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.

802.11 Radio Precaution Statement

Users are responsible for configuring the channels of operation that comply with their country regulatory standards.

A Wireless Network Administrator should review the operating restrictions detailed within the Access Point installation manual.

Radio Frequency Interference Requirements – Brazil

The device meets the SAR limit of 2.0 W/kg established by Anatel (National Telecommunications Agency in Brazil). The product should be kept at least 1.5 cm from the body to ensure compliance with the radio frequency exposure limits.

Waste Electrical and Electronic Equipment (WEEE)

For EU Customers: All products at the end of their life must be returned to Aava Mobile for recycling. For information on how to return product, please go to:

https://www.pepperl-fuchs.com/global/en/42217.htm

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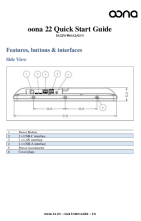
Documents / Resources

	oona OONA222W Self Service or Self Checkout System [pdf] User Guide 2ABVH-OONA222W, 2ABVHOONA222W, SA22WINAA1A1XX, OONA222W Self Service or Self Checkout System, OONA222W, Self Service or Self Checkout System, Self Checkout System, System

References

- User Manual

oona

2ABVH-OONA222W, 2ABVHOONA222W, oona, OONA222W, OONA222W Self Service or Self Checkout System, SA22WINAA1A1XX, Self Checkout System, Self Service or Self Checkout System, System

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