

Quick start guide

ALLNET PoE Display

Product No.: 15 inches (178721), 18 inches (178722), 21 inches (178723)



Table of Contents

Package contents	3
General	3
Target audience for the operating instructions	3
Conventions and symbols	3
Chapter heading	3
Warnings	4
Guidelines and standards	5
Disposal of packaging	6
Packaging Ordinance	6
Disposal of the device	6
General safety	7
Safety instructions for handling the plug-in power supply unit	7
Safety instructions for setting up the device	8
Safety instructions for operating the device	8
Safety instructions for repair and maintenance	10
Intended use	11
Operating requirements	11
Technical details	12
Dimensions	13
15-inch tablet	13
18-inch tablet	14
21-inch tablet	15
Introduction	16
Starting up the PC	16
BIOS configuration	16
Autostart configuration	16
Wake on LAN	16
Starting from external boot medium:	16
Problems/FAQ	17
CE	18

Package contents

- Please check the contents of the package before proceeding with the installation of the display.
- ALLNET Windows/Linux display (not included in delivery/no license/Windows 10 preinstalled)
- 12V external power supply
- Stand
- Printed quick start guide (manual available at shop.allnet.de)

General

The device is a display that can be operated with Android or Linux. Power is supplied via a power supply unit or PoE (power over Ethernet). Changes to the operating instructions and the functions described are possible at any time and do not require the consent of third parties and are not covered by the warranty. If you have any questions about specific functions, please contact our sales department.

Target audience of the operating instructions

The operating instructions are intended for anyone who sets up the device

- sets up,
- operates,
- cleans, or
- disposing of the device.

Conventions and symbols

The following text formats are used in this manual. These serve to increase the clarity of the manual.

Chapter heading

Subheading

Plain text

Important information in plain text

Refers to buttons, components, functions

Warnings

The warnings in this operating manual are structured according to the following scheme:



The signal word "DANGER" indicates a warning of immediate danger to life!



The signal word "WARNING" indicates a warning of possible danger to life and/or serious irreversible injury!



The signal word "CAUTION" indicates a warning of possible moderate and/or minor injury!



The signal word "ATTENTION" indicates possible damage to property.



"Note" indicates useful or important information about the product.

Guidelines and standards

This device complies with the following directives:



EMC Directive 2014/30/EU Radio

Equipment Directive 2014/53/EU

Ecodesign Directive 2009/125/EC

RoHS Directive 2011/65/EU.

ALLNET Computersysteme GmbH hereby declares that the ALLNET PoE displays are in compliance with the essential requirements and other relevant provisions of the following directives and Directive 2014/53/EU. The full text of the

EU Declaration of Conformity

is available the

<http://ce.allnet.de> and at the end of the manual.



EMC Directive 2014/30/EU

Radio Equipment Directive 2014/53/EU

Eco-Design Directive 2009/125/EC

RoHS Directive 2011/65/EU

ALLNET Computersysteme GmbH hereby declares that the ALLNET PoE Displays is in compliance with the essential requirements and other relevant provisions of the following Directives and Directive 2014/53/EU.

The full text of the EU Declaration of Conformity is available at the following Internet address: <http://ce.allnet.de> and at the end of the instructions.

EU contact details:

ALLNET GmbH Computersysteme Maistrasse 2 82110 Germering

Tel. +49 (0)89 894 222 - 22

Fax +49 (0)89 894 222 - 33

Email: info@allnet.de

Disposal of packaging



Risk of suffocation from plastic film and other packaging materials. Keep packaging and its parts away from children. Dispose of packaging in an environmentally friendly manner. Ask your retailer or local waste disposal facility about options for environmentally friendly and proper disposal of packaging.

Packaging Ordinance

This product contains the following materials:

Outer packaging: Cardboard PP02 Inner

packaging: Polyethylene PE04 Other:

Paper

Disposal of the device



Old devices are not worthless waste. Valuable raw materials can be recovered through environmentally friendly disposal. This device is marked in accordance with Directive 2012/19/EU on waste electrical and electronic equipment (WEEE). At the end of its

life should not be disposed of with normal household waste, but must be taken to a collection point for recycling electrical and electronic equipment. The symbol on the product, the user manual, or the packaging indicates this. The materials are recyclable according to their labeling. Reusing, recycling, or other forms of recovery of old appliances make an important contribution to protecting the environment. Ask your dealer or local waste disposal facility about options for environmentally friendly and proper disposal of the appliance.



As a consumer, you are obliged to return all batteries and rechargeable batteries, regardless of whether they contain harmful substances or not, to a collection point in your municipality/district or to a retailer so that they can be disposed of in an environmentally friendly manner.

environmentally friendly disposal.



Permanently installed device batteries or rechargeable batteries may remain in the device when disposed of at the collection point.

General safety

⚠ ACHTUNG The product is intended exclusively for its intended purpose. Only use the item as described in the operating instructions. Any other use is considered improper and may result in property damage.

The manufacturer or retailer accepts no liability for damage caused by improper or incorrect use. Read all safety instructions carefully and keep this operating manual for future reference. Follow all warnings and instructions in this operating manual.

Keep the operating instructions and pass them on to any subsequent owner.

⚠ GEFAHR Safety instructions for handling the plug-in power supply

The power adapter may only be connected to a **mains voltage of 100-240 V~, 50/60 Hz**. Never operate the power adapter with a different voltage.

⚠ ACHTUNG Only use power adapters that are approved for this device

Only connect the plug-in power supply after the installation has been completed in accordance with the regulations.

⚠ ACHTUNG Connect the device only to a properly installed and grounded power outlet. The mains voltage must match the specifications on the device's type plate.

The power outlet should be as close to the device as possible.

Avoid using multiple sockets. Ensure that the power cord or plug is always easily accessible so that the device can be quickly disconnected from disconnected from the power supply.

Lay the power cord so that no one can trip over it. Plug the power supply completely into the power outlet.

- **⚠️ WARNUNG** Do not touch the power supply unit with wet hands, as there is a risk of electric shock.
- If the power adapter is defective or if the device shows any other signs of damage, it must not be used.
- Do not pull the power adapter out of the socket by the cable.
- The device remains connected to the power supply even when switched off. Unplug the power adapter from the power outlet if the device will not be used for an extended period of time.
- period of time.
- If you notice any malfunctions or smoke or odors coming from the housing, immediately unplug the power supply from the outlet.

⚠️ WARNUNG Safety instructions for installing the device

- Do NOT place the device near radiators, air conditioners, or water sources. Otherwise, there is a risk of electric shock, short circuits, or fire, as water may come into contact with the device.
- Ensure that the humidity is between 20% and 80% and that condensation does not form.
- Ensure that the device is NOT exposed to direct sunlight, extreme heat, open flames, or dust. Otherwise, there is a risk of
- electric shock, short circuit, or fire.
- The device is designed for use indoors.
- The openings on the back of the device are for ventilation to prevent the device from overheating. These must always be kept clear.
- To prevent damage, always place the product on a stable surface.

/// VORSICHT

Safety instructions for operating the device

- Read these operating instructions carefully before using the device!
- The device can only be operated with the voltage specified on the back and on the power supply unit.
- Replace any batteries with the same or an equivalent type.
- battery type
- Do not use any devices that are obviously damaged. If the device does not

operate normally—especially if it makes unusual noises or smells

occur – immediately unplug the power cord from the outlet.

- If the cables are damaged, the device must not be used any longer.
- Do not place the device on an unstable surface. The device could be damaged or people could be injured. All fastenings should only be attached in accordance with the manufacturer's instructions or obtained from the manufacturer.
- Do not expose the device and remote control to direct sunlight. This impairs their function and could cause damage.
- Do not use the device in a damp environment or near gas flames, hotplates, or other hot objects.

- Keep the device dry.
- Protect the device from weather conditions such as wind, rain, moisture, and wetness.
- Do not leave a still image displayed for a long period of time. Doing so may damage the display.
- Do not open the housing; instead, contact your dealer or the manufacturer for repairs.
- Work on the device may only be carried out when it has been disconnected from the power source.
- .
- Ensure that only persons who have read the instructions or have been instructed in the operation by a knowledgeable person operate the device.



ACHTUNG

Safety information regarding repair and maintenance

- Repairs and maintenance work may only be carried out by customer service or by specialist personnel authorized by the manufacturer. Improper repairs can result in considerable danger for the user.
- Regular maintenance by the manufacturer is not necessary.
- Never attempt to repair a defective device yourself. Always contact one of our customer service centers.
- Do not open the device under any circumstances. This may only be done by customer service or by specialist personnel authorized by the manufacturer. Otherwise, there is a risk of electric shock.
- Operators may only rectify faults themselves that are clearly due to operating errors.
- Clean the display regularly.
- Unplug the power cord from the outlet before cleaning.
- Do not use liquid cleaners or cleaning sprays. The device may only be cleaned with a damp cloth.
- It is prohibited to make any modifications to the device.
- Damaged devices or damaged accessories must no longer be used.



Intended use

The Windows Display is suitable for commercial and private use. The tablet is a wall display that can be operated with a Windows or Linux operating system and is powered via PoE or a power supply unit. It does not have a built-in battery. This device complies with CE regulations.

Operating requirements

The device is designed for use indoors and must be protected from excessive dust, extreme temperatures, moisture, and condensation. The environmental requirements are specified as follows: **Operating conditions:**

Temperature 0° - +40°

Humidity 20% - 80% non-condensing

Storage conditions:

Temperature 0° - +60°

Humidity 10% - 90% non-condensing

Technical details

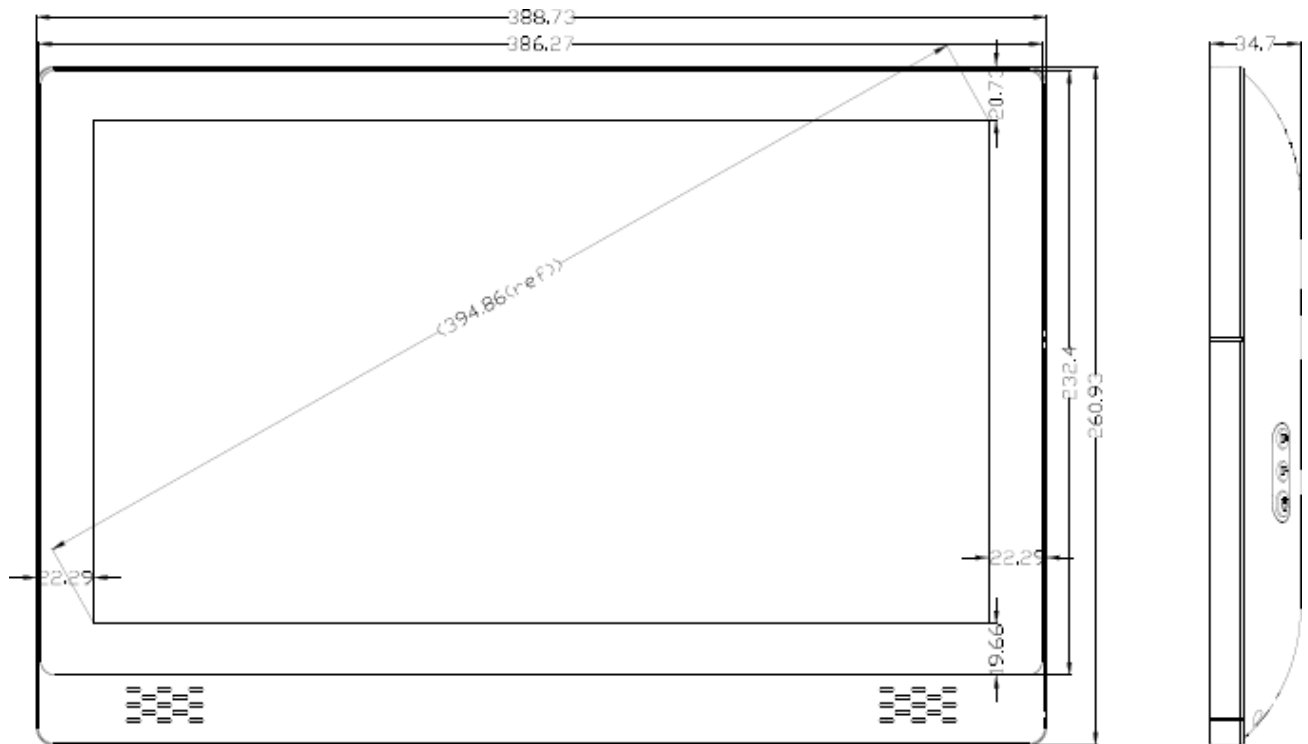
- Intel i5-1035G4 CPU
- Resolution: 1920x1080
- Windows 10 (pre-installed, no license) /11, Linux
- 10-point capacitive multi-touch screen
- Memory: 8GB/128GB
- Ethernet 100/1000M RJ45 PoE IEEE802at
- Wi-Fi 2.4/5GHz
- 2x3W speakers
- HDMI output
- 2xUSB 2.0, 2xUSB 3.0, 1x LAN, HDMI, mic in, line out
- Vesa 100x100
- Power supply: 12V
- Operating temperature: 0~ 40 °C
- ~Operating humidity: 10% to 90% (non-condensing) Storage temperature: 0 to 80 °C
- ~Storage humidity: 10% to 90% (non-condensing)
- Marking: Ce/RoHS

Plug-in power supply

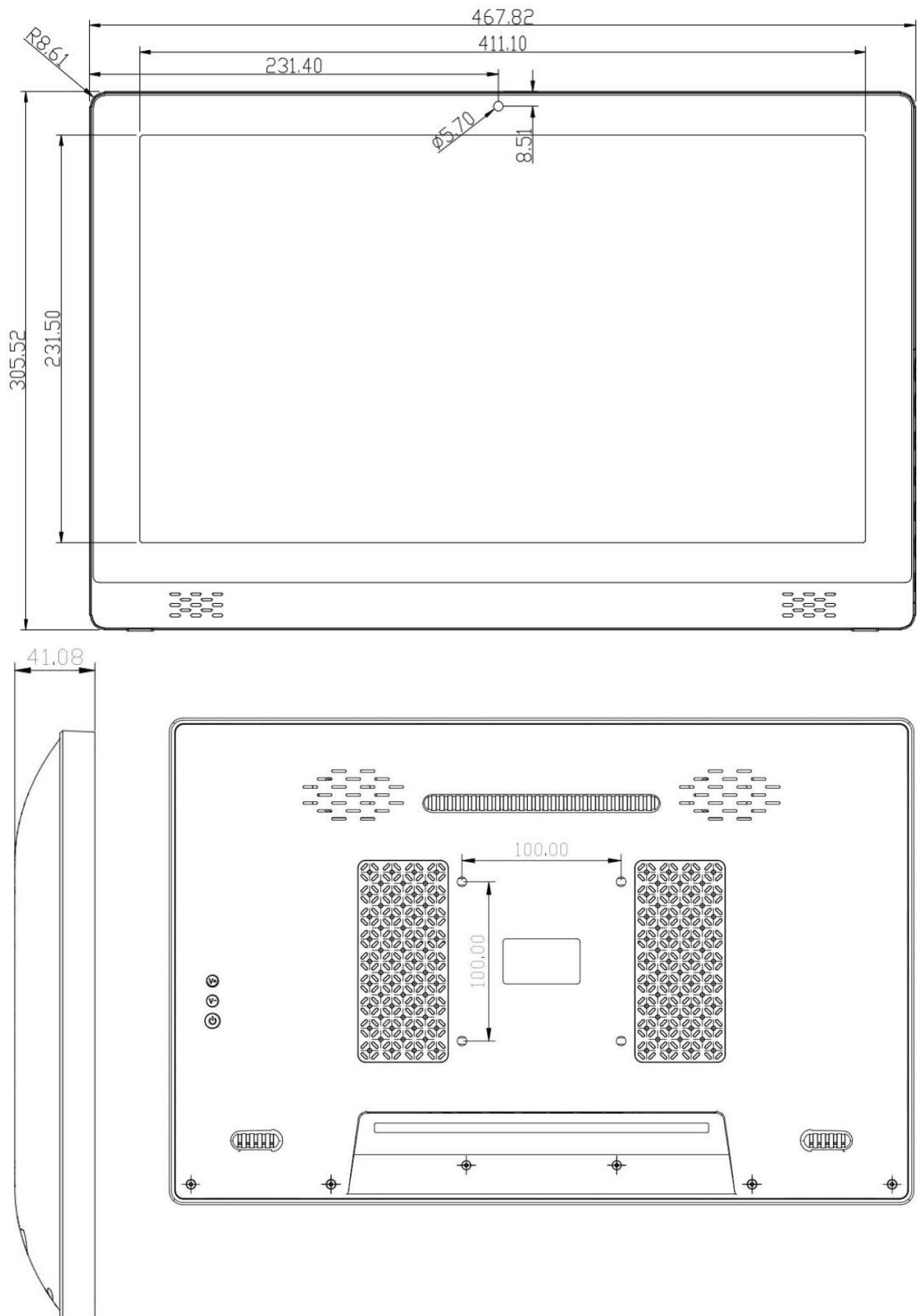
Manufacturer	Shenzhen Green Power Electronic Technology Co., Ltd. Address: Room 201, 101, 301 of No. 39 Room 201 of No. 40, the 3rd Industrial Park, Lisonglang Community, Gongming Office, Guangming District, 518106, Shenzhen City, Guangdong Province, China
Type	MR-0502000EU-04
Input	100 – 240 V
Input frequency	50–60 Hz
Input current	0.8
Output voltage	12
Output current	5 A
Output power	60 W
Average operating efficiency	87.5
Efficiency at low load (10%)	87.50
Power consumption at zero load	0.075 W
Energy efficiency class	VI

Dimensions

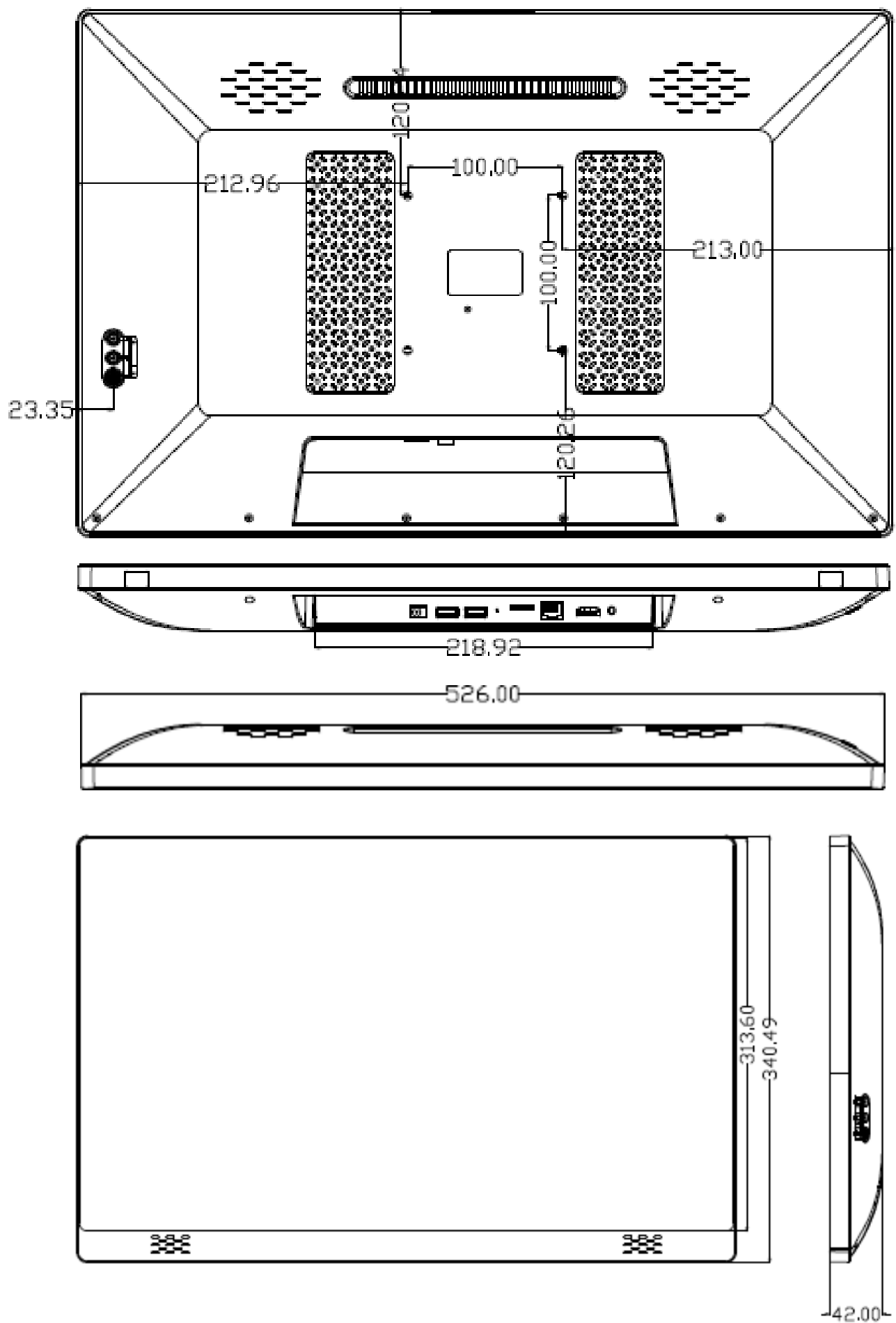
15-inch tablet



18-inch tablet



21-inch



Introduction

Please note:

The operating system can be Windows or Linux. Windows 10 is preinstalled without a license and must be purchased separately by the customer.

Starting the PC

Connect the supplied power supply to the power outlet and to the barrel connector socket on the PC.

Alternatively, you can also power the tablet via PoE, i.e., via the network cable. This requires a PoE switch or injector that provides LTPoE ++ with at least 38.7 watts. If the PoE power is insufficient, this will be indicated by the PC constantly restarting.

Once the power connection is established, the PC will start automatically.

BIOS configuration:

To change settings in the BIOS, press the "Del" key immediately after pressing the power button.

Autostart configuration:

If you want to change the autostart, go to the BIOS menu as described above.

There, click on Chipset in the tabs and then on PCH-IO Configuration. Here, under "SATA and RST Configuration" under "Restore AC Power Loss." The

following settings are available:

- Power on – PC starts automatically after power connection (default setting)
- Power off – PC remains off after power connection
- Last state – last state

Wake on Lan:

If you want to set "Wake on Lan," go to the BIOS menu as described above.

There, click on Chipset in the tabs and then on PCH-IO Configuration. Here, under "SATA and RST Configuration" under "Wake on Lan." This allows you to automatically start the PC via a Magic packet over the network.

Starting from an external boot medium:

If you want to boot from an external drive, go to the BIOS menu as described above. There, under the "Boot" tab, you can change the boot order under "Boot Option Priorities." However, the medium to be booted must be connected beforehand.

Problems/FAQ

- The display does not start: Please check the power supply. Is the power supply cable properly plugged into the device? Please also check the IEC connector in the power supply.
- For power supply via PoE (Power over Ethernet): Please check that the RJ45 plug is properly clicked into place. The cable should be at least Cat5e for displays up to 15 inches and Cat6 for displays larger than 15 inches in order to transmit the power. Please check that the switch provides sufficient power and that the display is connected to a PoE port. Only standard-compliant PoE may be used. Passive PoE may damage your display. No warranty is provided for this.

CE

CE Declaration of Conformity



Germering, November 16, 2021

ALLNET Windows PoE Tablets 15/18/21 inches with PoE



The safety advice in the documentation accompanying the products shall be obeyed. The conformity to the above directive is indicated by the CE sign on the device.

The ALLNET Windows PoE Tablets conform to the Council Directives of 2014/53/EU.

This equipment meets the following conformance standards:

Safety: EN 62368-1:2014+A11:2017

EMC: EN 55032:2015/A11:2020

EN IEC 61000-3-2:2019

EN 61000-3-3:2013/A1:2019

EN55035:2017/A11.2020

ERP: EN 62623:2013-07

This equipment is intended to be operated in all

countries. This declaration is made by

ALLNET GmbH Computersysteme

Maistraße 2

82110 Germering

Germany

Germering, November 16, 2021



Wolfgang Marcus Bauer
CEO