

Quick guide
ALLNET Speedy Series



Item no.: 251312, 251313, 251314

Contents

Package contents	4
General	4
Target audience for the user manual	4
Conventions and symbols	4
Warnings	5
Guidelines and standards	6
Disposal of packaging	7
Disposal of the device	7
General safety	8
 GEFAHR Safety instructions for handling the power supply unit	8
 WARNUNG Safety information regarding installation of the device	9
 VORSICHT Safety instructions for operating the device	9
 ACHTUNG Safety information regarding repair and maintenance	10
 HINWEIS Intended use	11
Operating requirements	11
Technical details	12
Dimensions	14
14-inch tablet	14
16-inch tablet	15
21-inch tablet	16
Operation	17
Display rotation	17
Display size change DPI	18
Pinning an app	20
Ethernet setup	23
Setting up Wi-Fi	25
Change language settings	26
Change time zone, date, and time settings	28
Display lock settings	31
Changing the volume setting	31
Display settings	32
Hide navigation bar/status bar	33
gesture control	33
Settings "Automatically turn off display"	34

Connection to the Google Play Store	34
Exit app.....	36
Split screen function:	37
Taking a screenshot	37
Help & firmware update:	39
CE	40

Package contents

Please check the contents of the package before proceeding with the installation of the display.

- ALLNET (PoE) Performance Displays - Speedy Series
- 12V power supply
- Printed quick start guide

General

The ALLNET Performance Display with RK3576 is a 4K display with WiFi 6 and USB-C support as well as Power over Ethernet (PoE) capability. The WiFi 6 and USB-C connectivity options allow for easy connectivity with a variety of devices, and the PoE capability allows the display to be powered and fed data through a single Ethernet cable, simplifying installation and reducing clutter. This display is suitable for a variety of applications, including home entertainment, conference rooms, and digital signage.

Target audience for the user manual

The user manual is 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 property damage.



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



- EMC Directive 2014/30/EU
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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.

Fax

Email info@allnet.de

Disposal of packaging

GEFAHR

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 environmentally friendly and proper disposal of packaging.

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 service life, this product must not be disposed of with normal household waste, but must be taken to a collection point for the recycling of 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 recycling old devices 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 device.



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.

HINWEIS

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 power supply unit

The power supply unit may only be connected to a **mains voltage of 100-240 V~, 50/60 Hz**.

Never operate the power supply unit with a different voltage.

-  **ACHTUNG** Only use power adapters that are approved for this device.
- Only connect the power supply unit after the installation has been completed in accordance with the instructions.
-  **ACHTUNG** Only connect the device 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 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 with wet hands, as there is a risk of electric shock.
- If the power supply unit is defective or if the device shows any other signs of damage, it must not be used.
- Do not pull the power supply unit 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 is not going to be used for a long period of time .

- In the event of malfunctions or smoke and odors coming from the housing, immediately unplug the power supply unit from the power outlet.

⚠️  **WARNUNG****Safety information regarding installation of 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 avoid damage, always place the product on a stable surface.

⚠️  **VORSICHT****Safety instructions for operating the device**

- Read this operating manual 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.
- Do not use any devices that are obviously damaged. If the device does not work normally—especially if unusual noises or odors 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. Any fasteners 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 long periods of time. This could 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 its use 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 pose a considerable risk to 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 wall socket 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.



HINWEIS

Intended use

The tablet is suitable for both commercial and private use. However, there are restrictions on functionality for private use due to the native Android operating system. This affects the integration of certain video and audio codecs and the functionality of some apps offered in the Play Store. We cannot accept any liability for this, and it does not constitute a defect or a warranty claim. If you do not have in-depth experience with the Android operating system, please contact our hotline for information in advance. The tablet is a wall display with an operating system and can be powered via PoE or a power supply unit. It does not have a built-in battery. The operating system is Android (installed), Linux can be installed (not installed). This device complies with CE regulations.

The manufacturer accepts no liability for damage caused by improper use. Read the operating instructions carefully before use. This is the only way to ensure that all functions can be used safely and reliably.

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

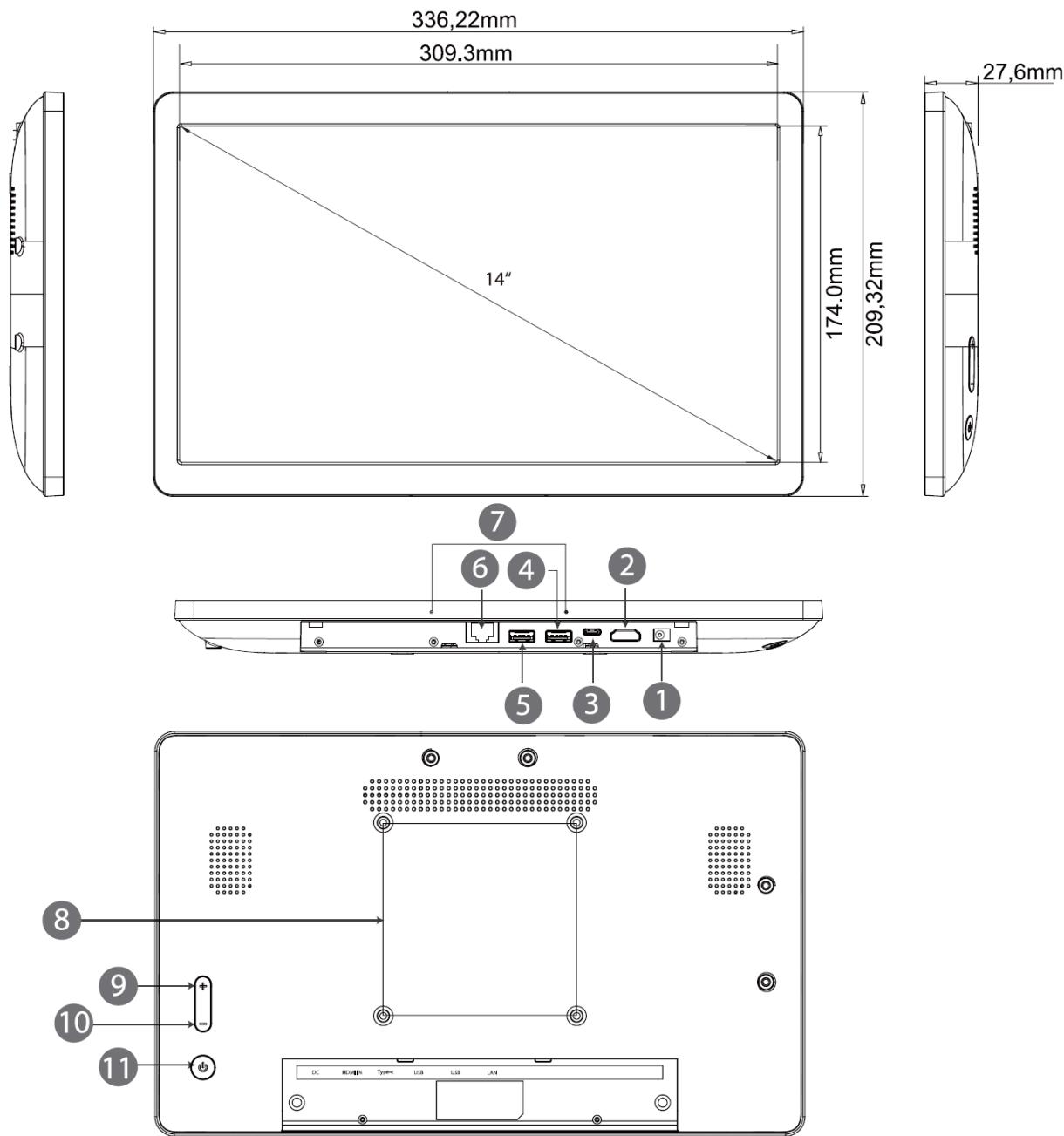
System	CPU	Rockchip RK3576S 4 × ARM Cortex-A72 + 4 × ARM Cortex-A53
	RAM	8GB
	Internal memory	128
	Operating system	Android 15 EDLA certified
Display	Panel size	14"/16"/21" LED LCD
	Panel type	IPS
	Resolution	14", 16", 21" 1920*1080
	Display Colors	16.7M colors
	Color Gamut	sRGB 99%
	Display mode	Normally black
	Viewing angle	85/85/85/85 (L/R/U/D)
	Contrast ratio	1000:1
	Luminance	250cdm ²
	Aspect ratio	16:9
	Response time	14ms
Touch	Backlight Type	LED
	Model Type	Incell Touch
	Number of points	10-point
Network	Interface for touch	HID-USB
	WiFi	802.11b/g/n/a/ac/ax 2.4/5GHz (WiFi 6)
	Ethernet	100M/1000M
Interface	Bluetooth	Bluetooth 5.1
	Power Jack	DC power input
	MIC IN	External microphone input
	Earphone output	3.5mm earphone output
	Type-C	Full Function (Except for charging function)
	SIM slot	No
	USB	Standard USB 2.0 host
	USB	USB 3.0
	HDMI IN	Support HDMI 2.0 (Touch Support USB)
Other	RJ45	Ethernet interface
	Product Colors	White/Black
	VESA	100 mm*100 mm
Other Power	Button	Power/Volume Up/Volume Down
	Speaker	4Ω*5W*2
	Microphone	Built-in dual microphone, supports noise reduction and echo cancellation
	NFC	No
	G-sensor	Supports 90 degrees
	Camera	no
	Language	Multi-language
	Certificates	CE/FCC
	Power Type	Adapter
	Input Voltage	DC 12V/4A
Working environment	Power consumption	≤25W
	Storage temperature	-20°C---60°C
	Working Temperature	0°C---50 10~90
Accessories	Adapter	Adapter, 12V/4A
Working Surrounding	User manual	Yes

Plug-in power supply

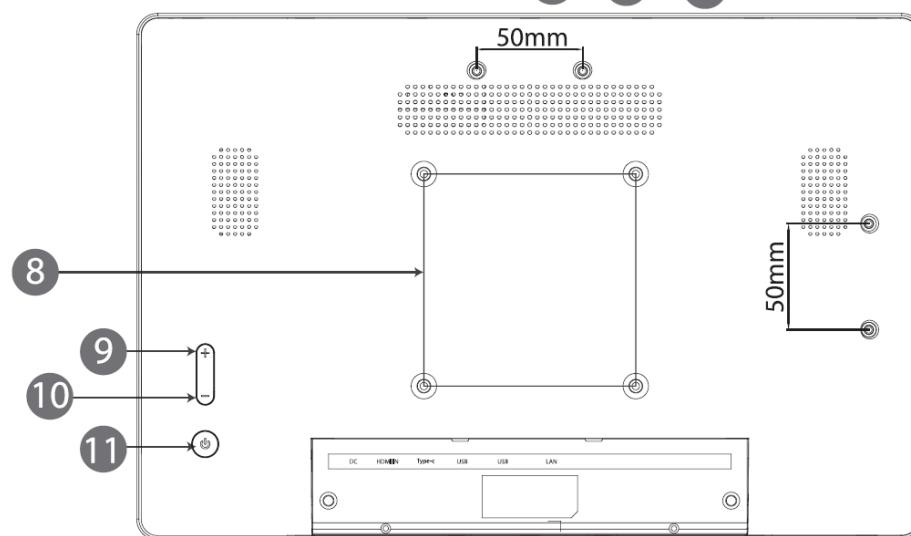
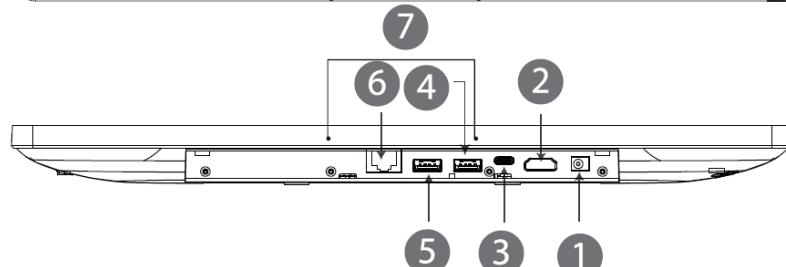
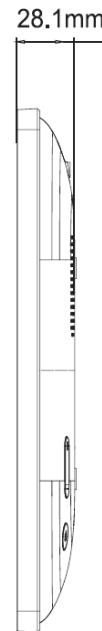
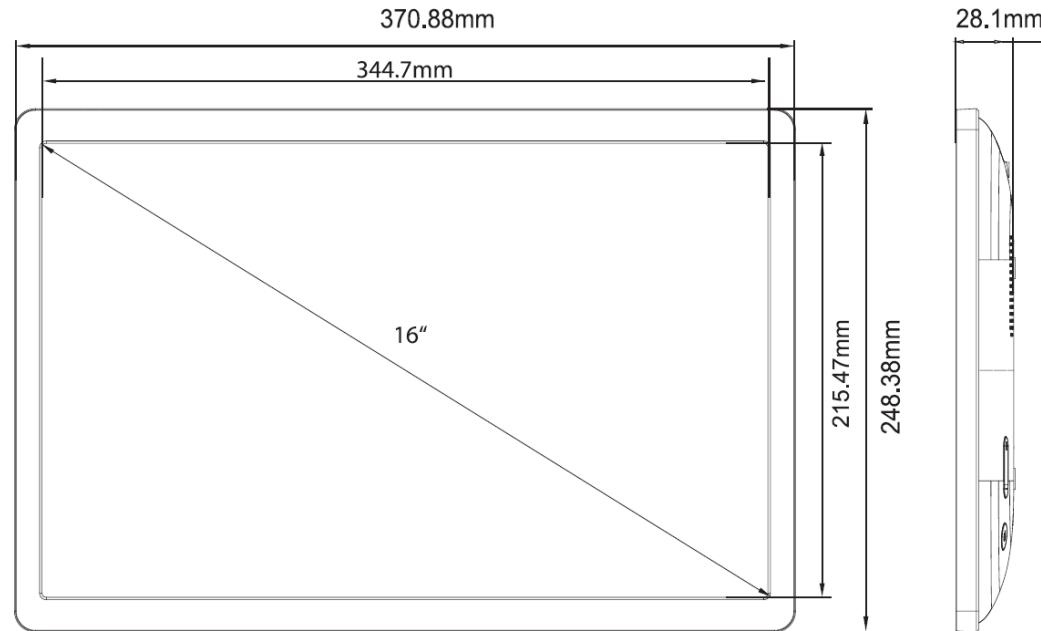
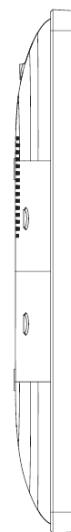
Manufacturer	Shenzhen Fujia Appliance Co., Ltd. Address: 5F of Building F, Hengchangrong (xinghui) Sci-Tech. Park, Huaning Road, Longhua District, Shenzhen, Guangdong, P.R. China
Type	FJ-SW20261203000
Input	100-240Vac
Input frequency	50/60Hz
Input current	1.5A
Output voltage	12
Output current	3A
Output power	36W
Average operational efficiency	87.40
Efficiency at low load (10%)	75.59
Power consumption at zero load	0.1W Max
Energy efficiency class	VI

Dimensions

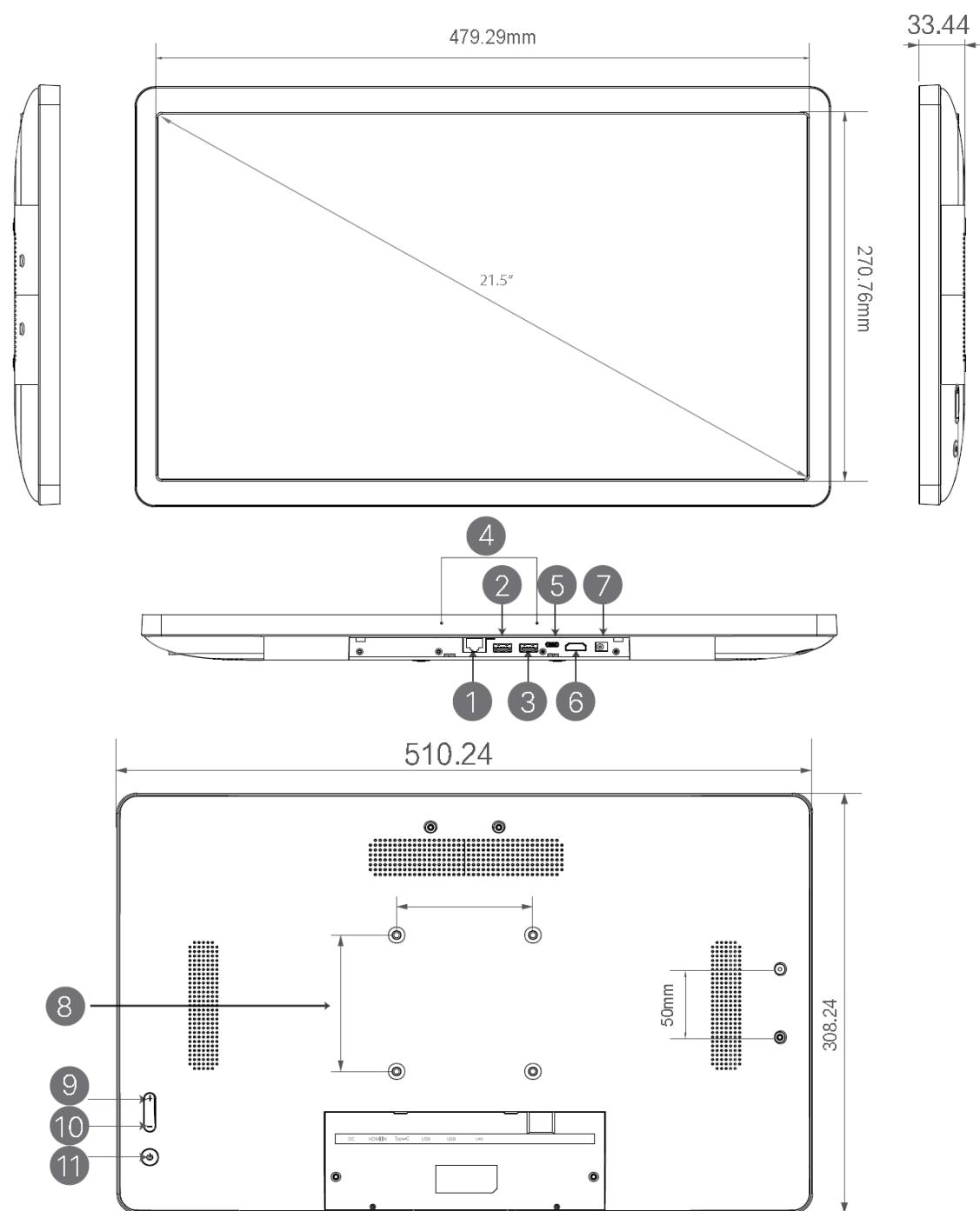
14-inch tablet



No	Function	No	Function
1	DC IN	7	Microphone
2	HDMI IN	8	VESA 100x100mm
3	Type-c	9	Volume+
4	USB host	10	Volume-
5	USB host	11	Power key
6	RJ45		

16-inch tablet


No	Function	No	Function
1	DC IN	7	Microphone
2	HDMI IN	8	VESA 100x100mm
3	Type-c	9	Volume+
4	USB host	10	Volume-
5	USB host	11	Power key
6	RJ45		

21-inch tablet


No	Function	No	Function
1	RJ45	7	DC IN
2	USB host	8	VESA 100x100mm
3	USB host	9	Volume+
4	Microphone	10	Volume-
5	Type-c	11	Power key
6	HDMI IN		

Operation

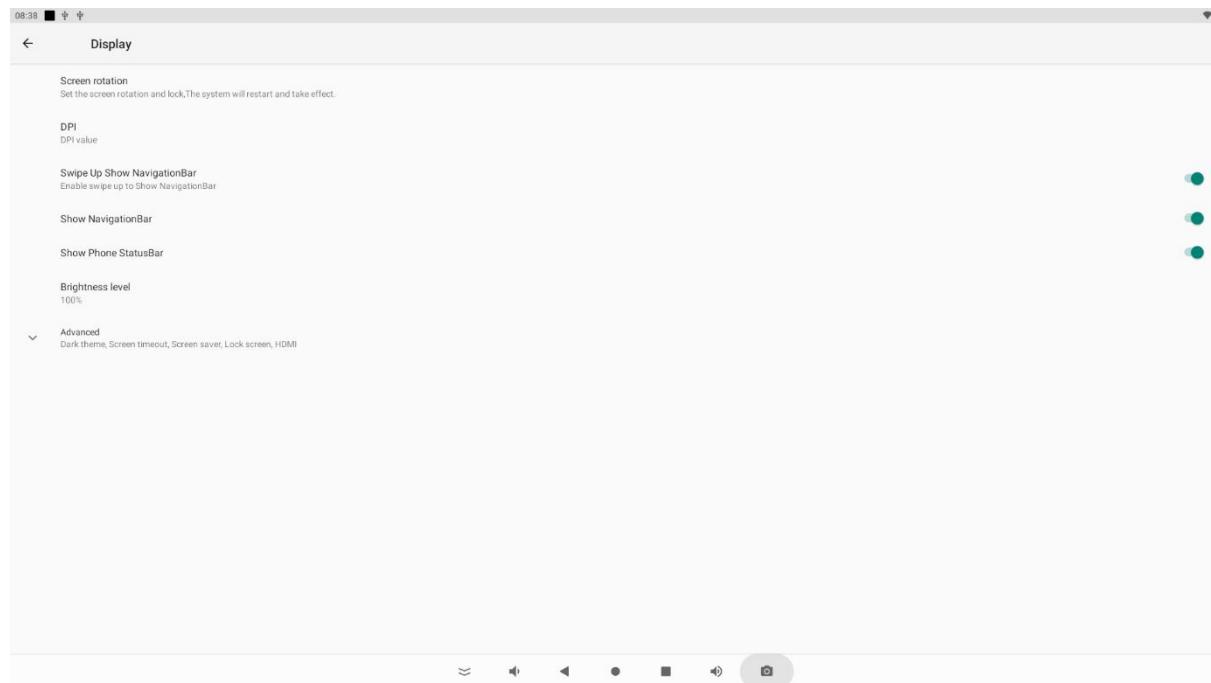
Android based on AOSP is an open system that cannot be compared to Android UIs from other manufacturers. We cannot offer support for incompatible apps from the Play Store or your own apps.

These are general instructions for Android, but Android versions differ depending on the version of the operating system. Please use the Internet to research this.

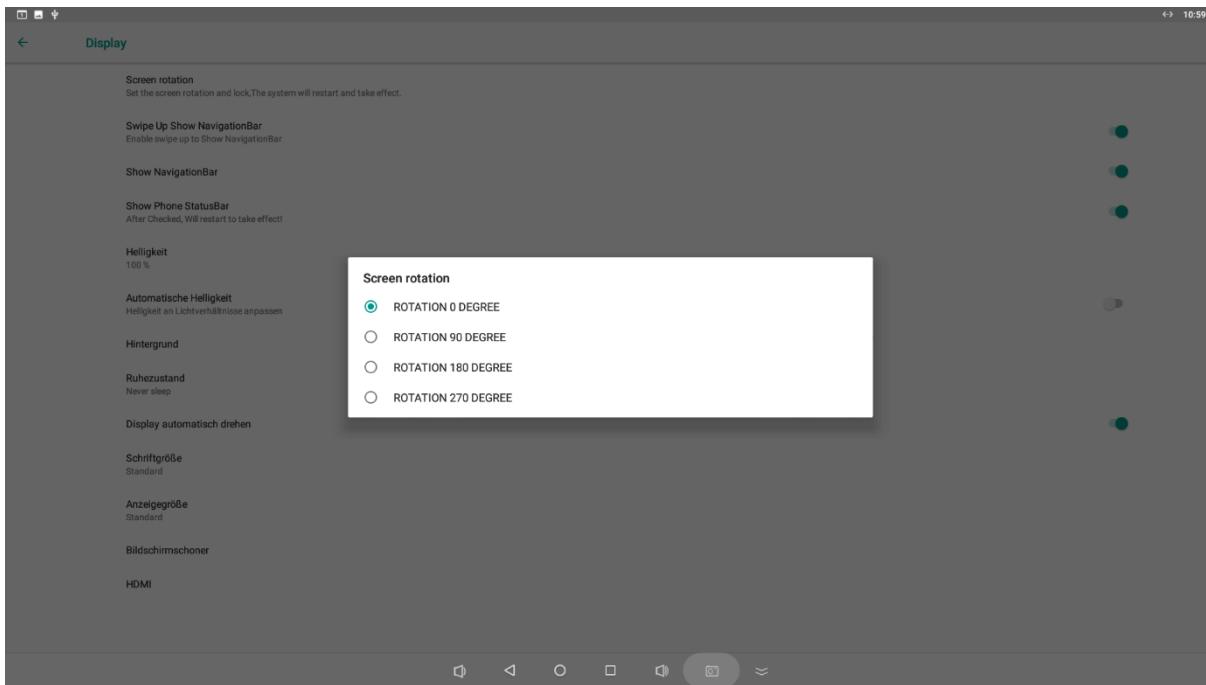
Connect the tablet to the power supply. The tablet will start automatically.

Display rotation

The display can be used horizontally or vertically. To do this, go to Settings Display/Screen rotation.



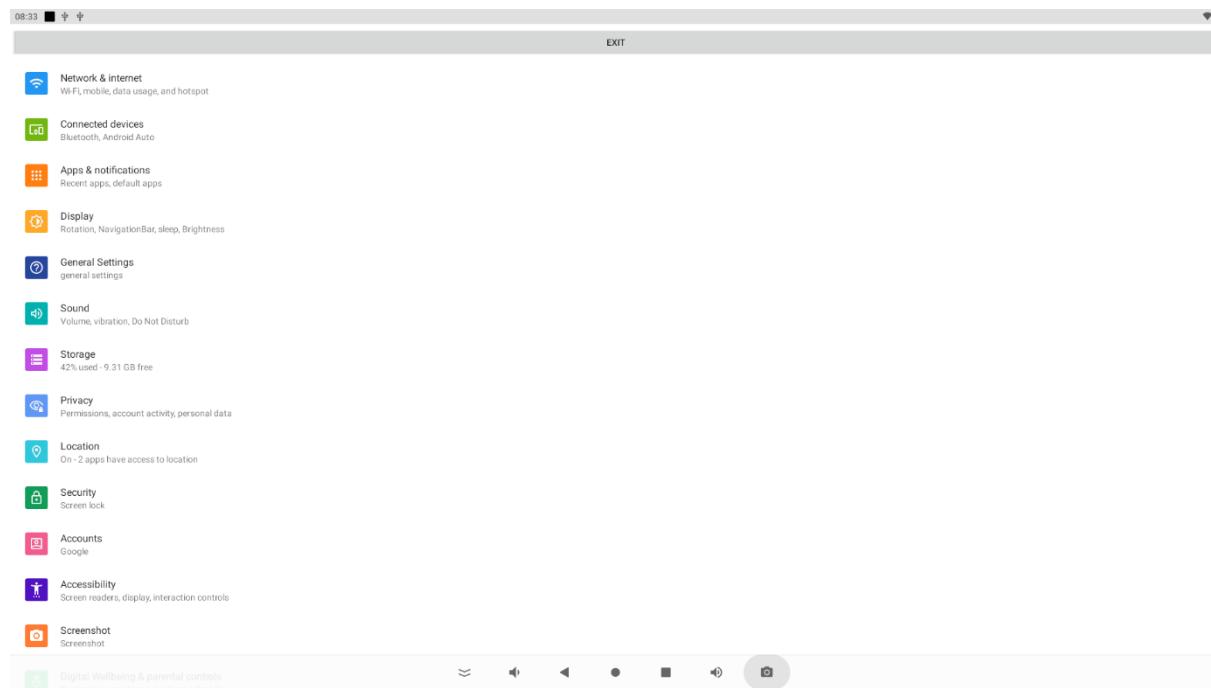
In the pop-up, select the degree of rotation. The tablet will now restart in the set mode.

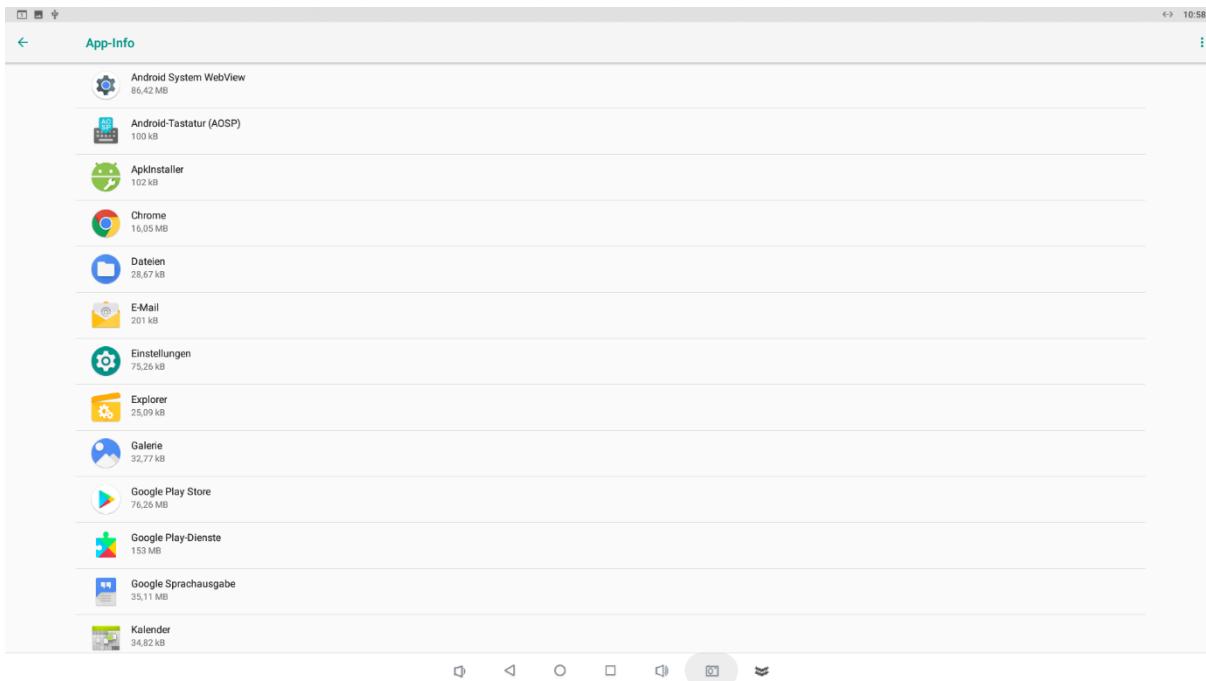


Display size change DPI

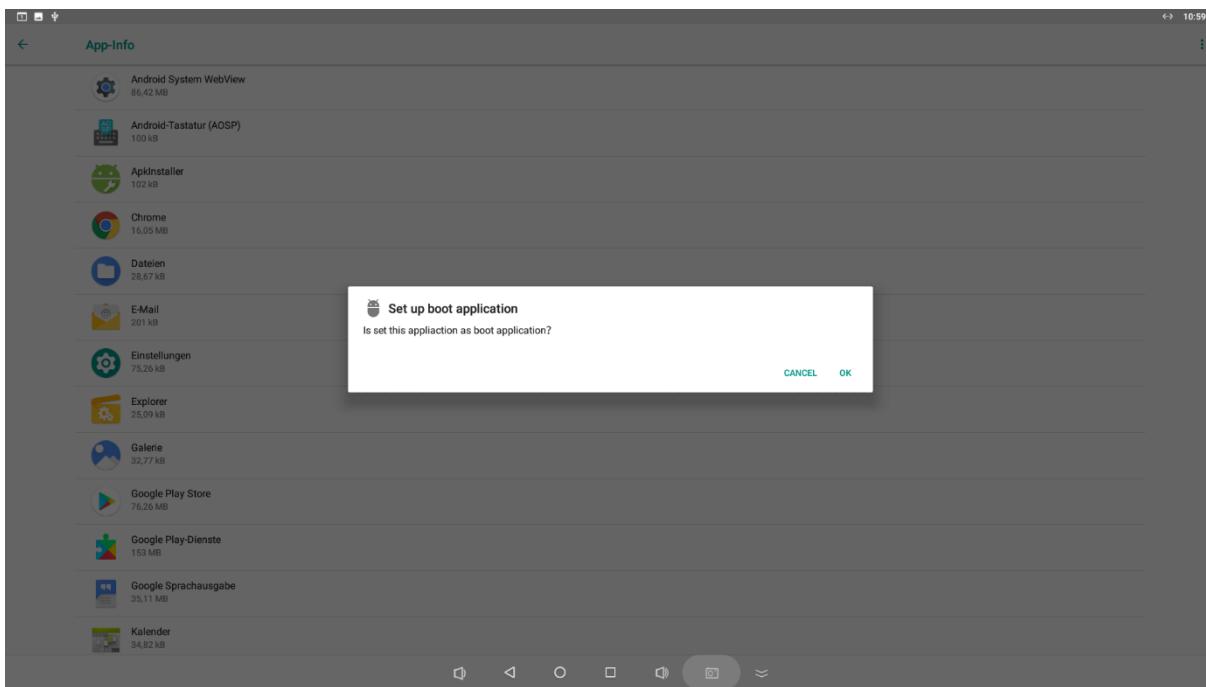
The content of the display can be changed in size. This is important if you switch to a different resolution with software such as Esy DPI Changer. To do this, go to Settings Display/Display size. You can now adjust the content using the slider.

This function allows you to start an app automatically. To do this, go to Settings/Apps & Notifications. There, click on Show all apps.





Now select the desired app and press and hold it until the following pop-up window appears for confirmation.



Confirm with OK. The application will start automatically when you restart your device.

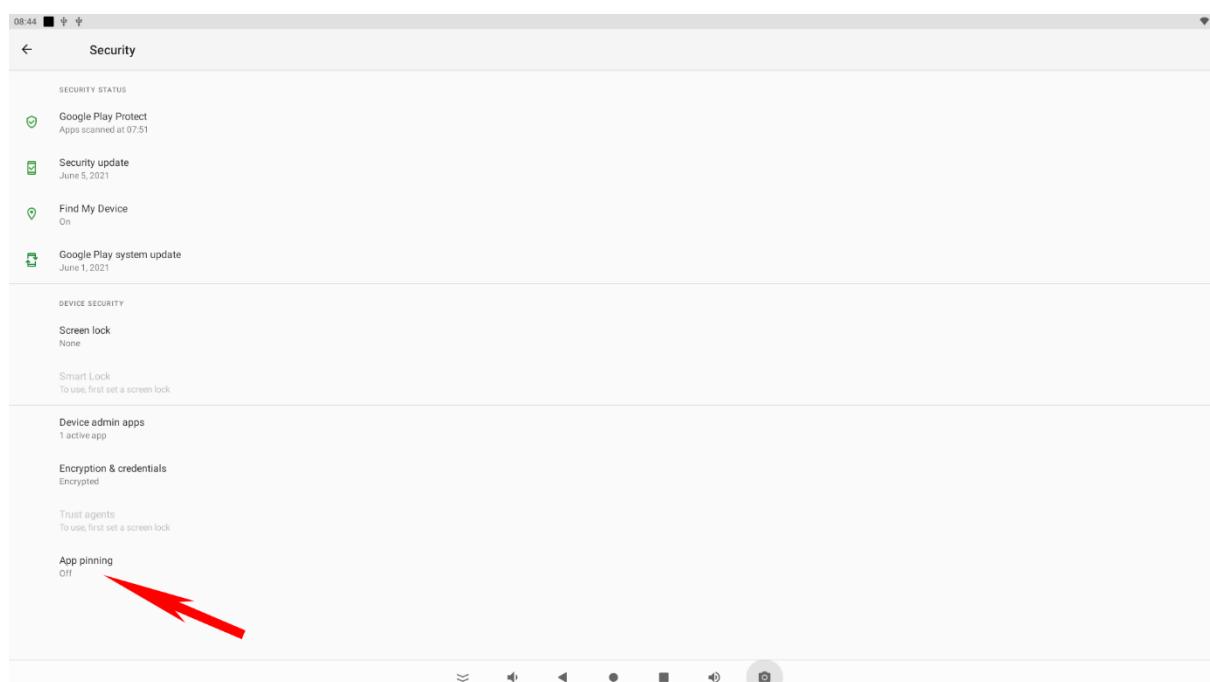
Pinning an app

Please note:

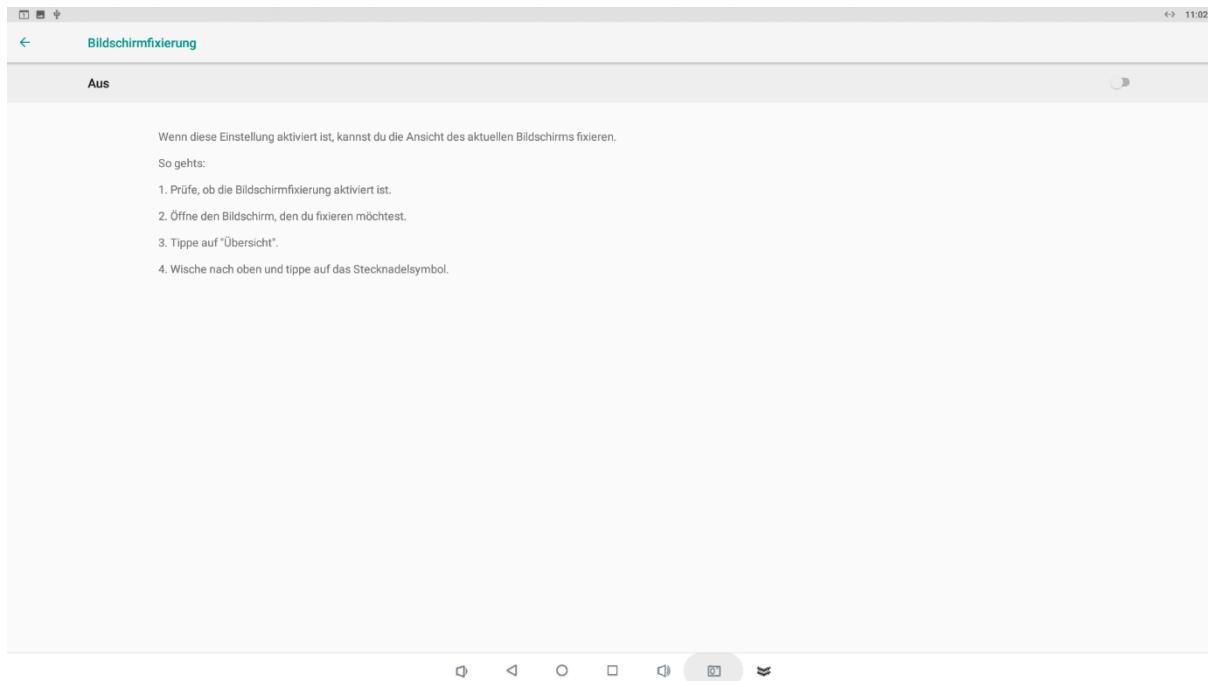
This kiosk mode was integrated natively into Android from version Lollipop onwards. The functionality is simple and only provides basic protection against unauthorized access. The app can still be closed using a key combination. You can find a professional kiosk app in the Play Store under "Ekiosk Browser." Go to Settings/Security and click on "Advanced" Screen pinning.



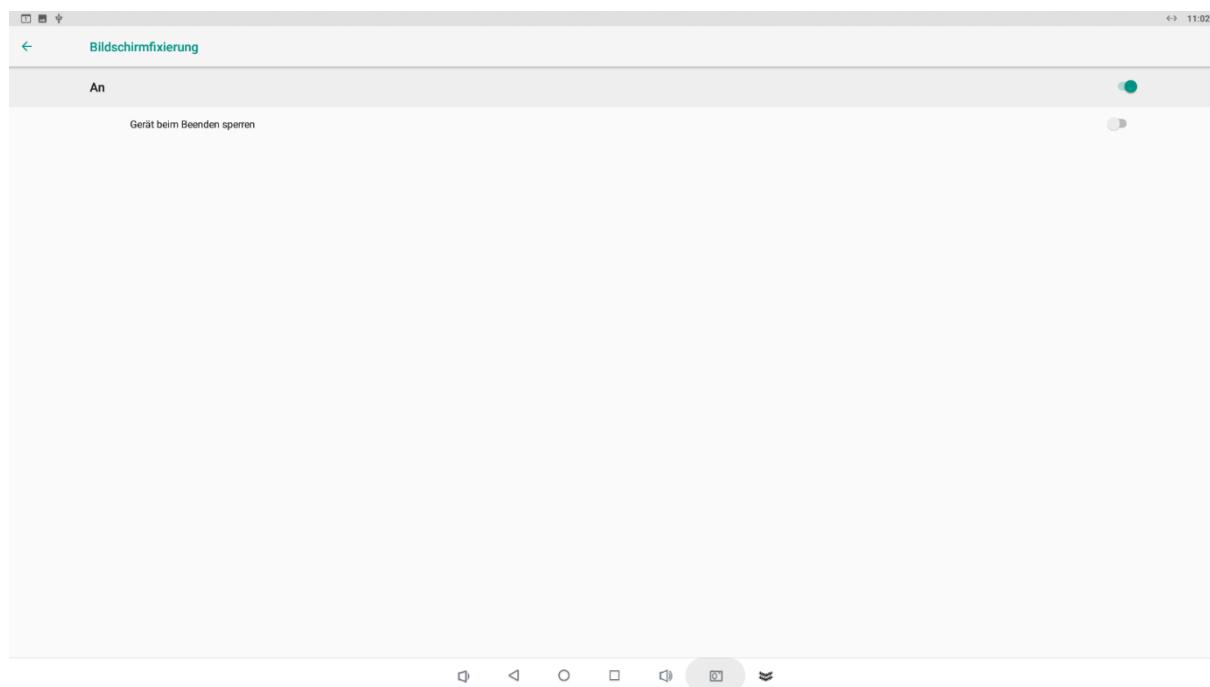
There, please go to "Screen pinning/App pinning" and click on it.

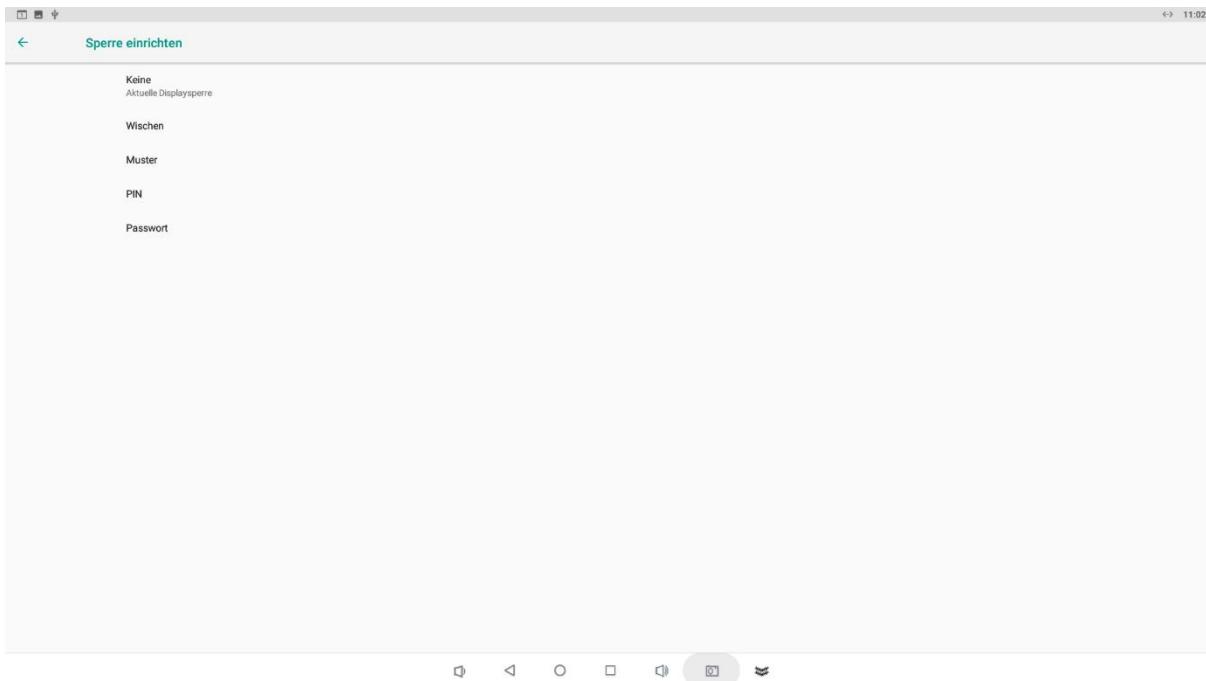


Now you can turn on the main switch.

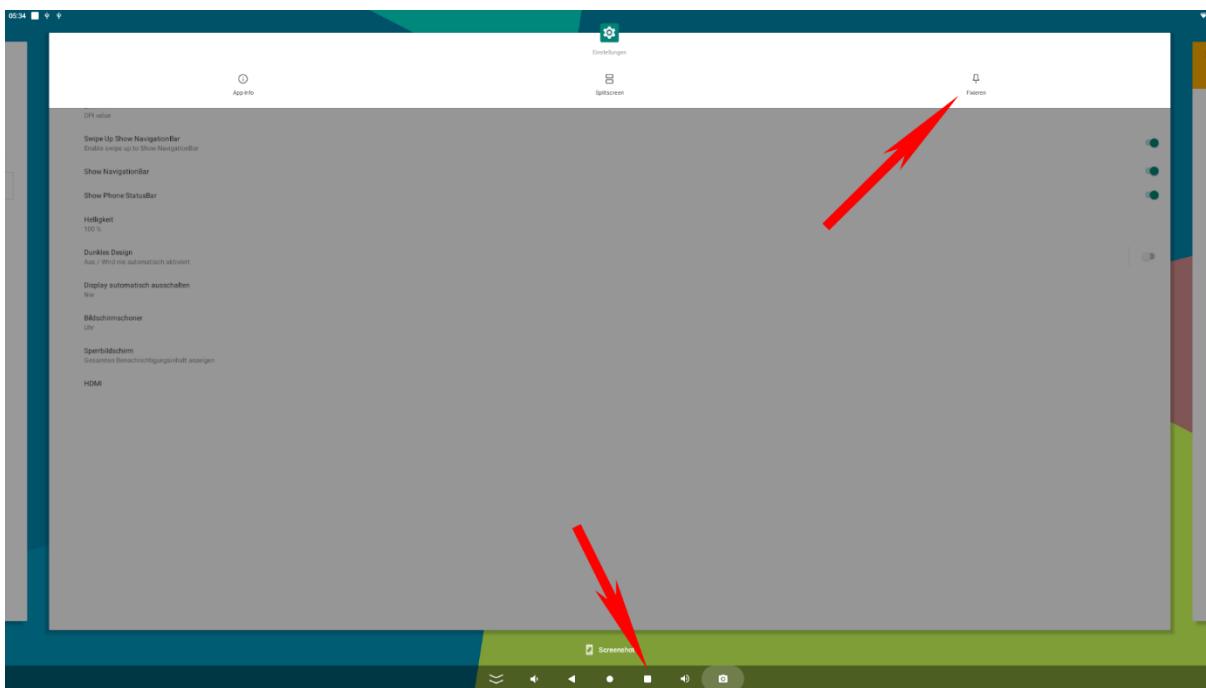


As an option, you can also install a security feature that locks the tablet when the app is closed.





The most recently opened apps can be found under the square in the navigation bar. Click on the middle icon at the top of the app you want to use.

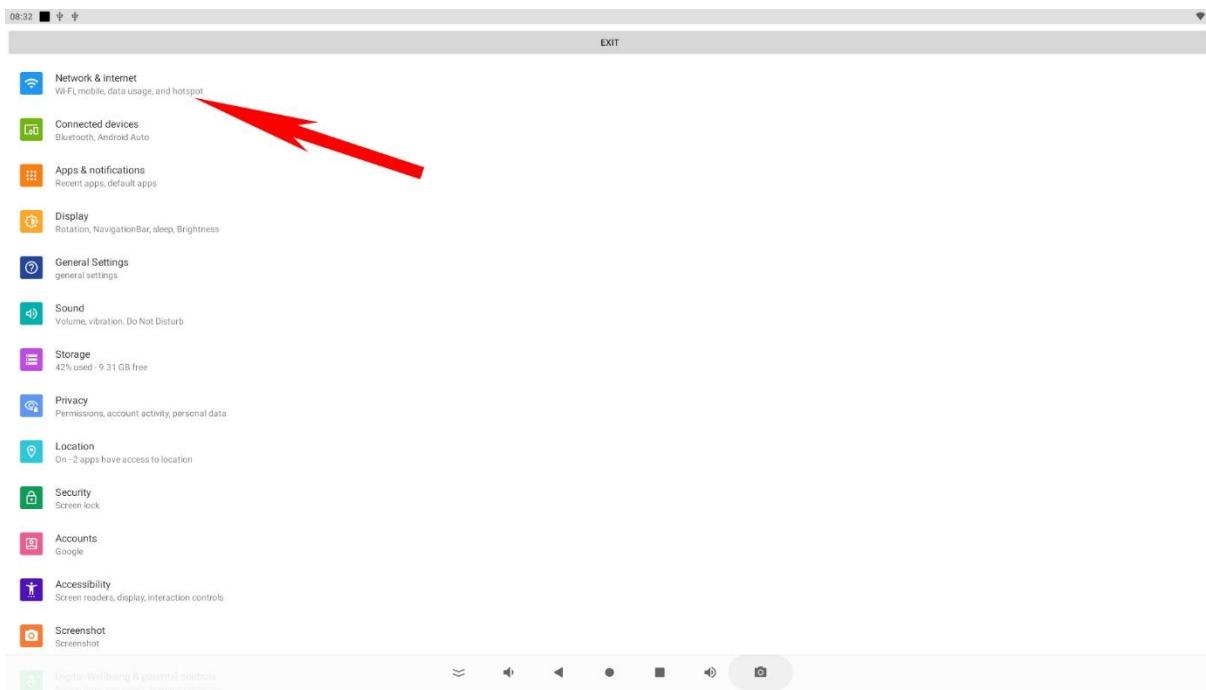


This screen fixation is no longer active after a restart and the fixation procedure must be performed again.

Ethernet setup

Open "Settings."

Select "Network & Internet," then click on "More."



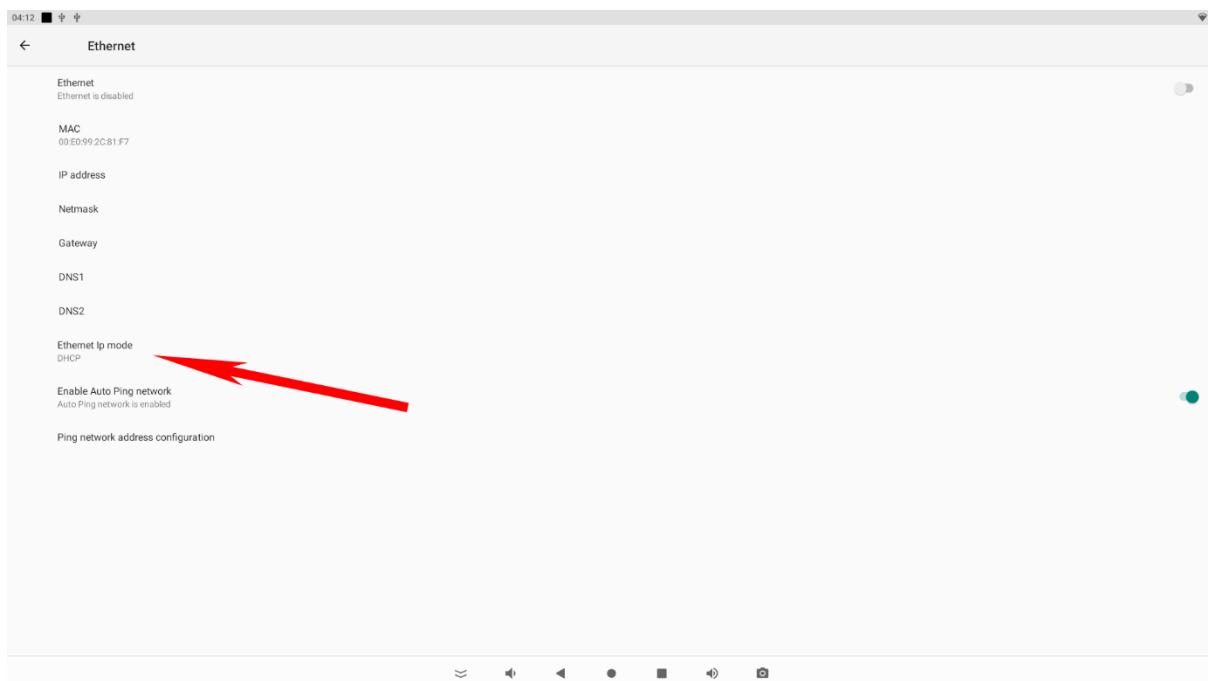
Please click on "Ethernet."



If the switch is not activated, please activate it.



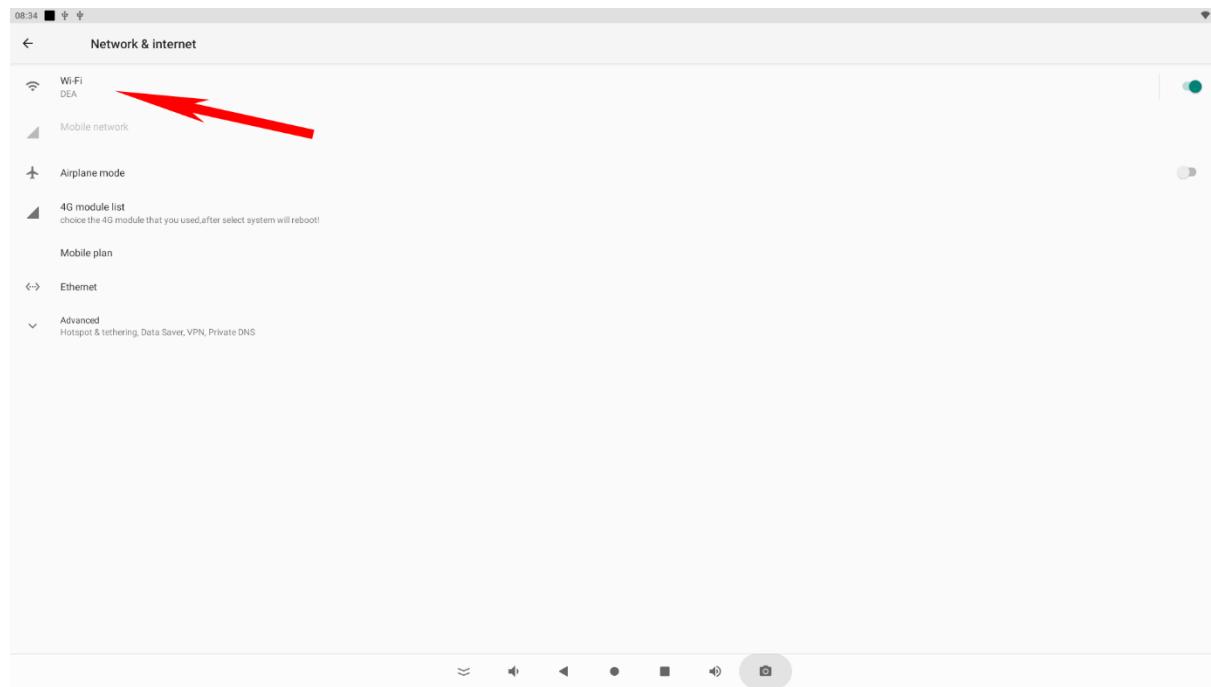
Under "Ethernet IP mode," you can select DHCP or Static IP.



Setting up Wi-Fi

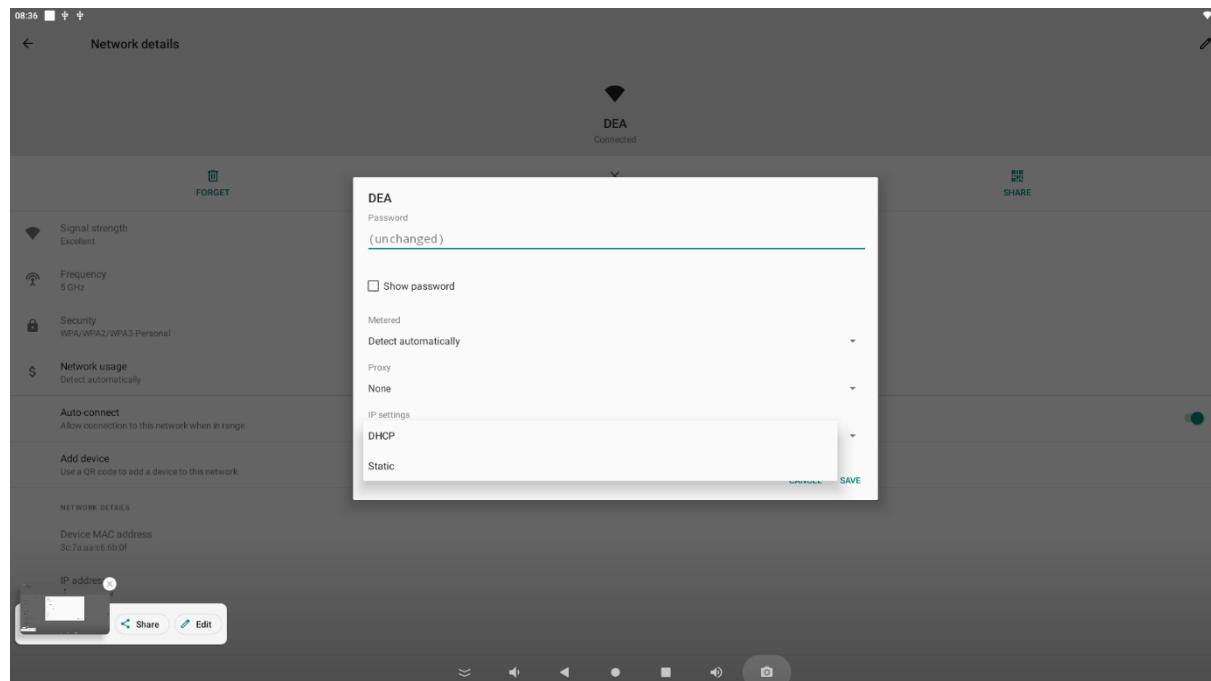
Open the "Settings" app

Select "Wireless & Networks," then click on Wi-Fi and activate the switch

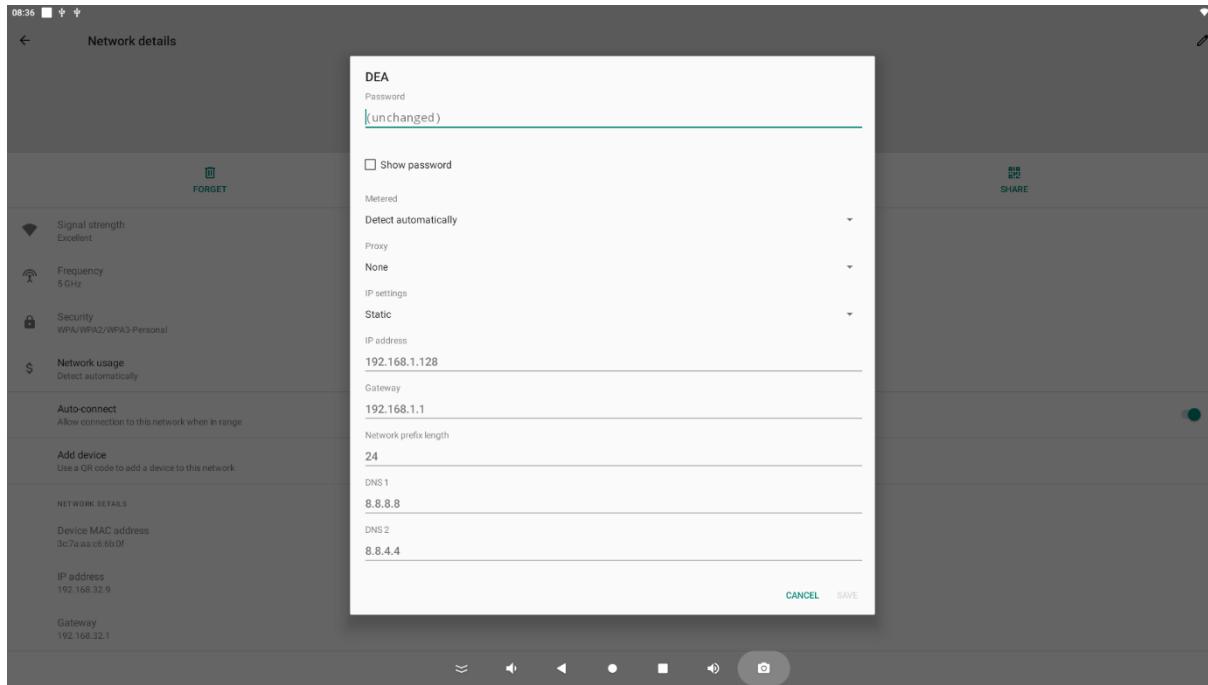


Select the desired Wi-Fi network and enter the password if necessary

Once the connection has been successfully established, the tablet will automatically connect to the network when it is within range.



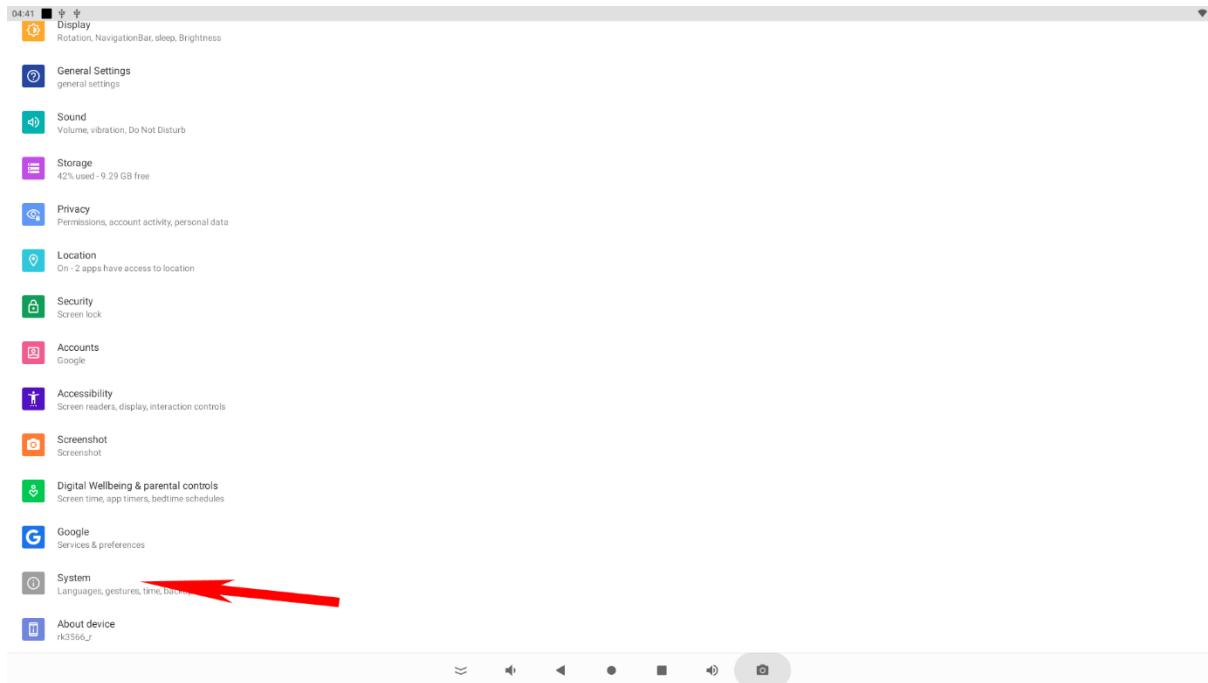
You can set up a static network connection under IP Setting. By clicking on "static," you can set up the IP address, gateway, and DNS server.

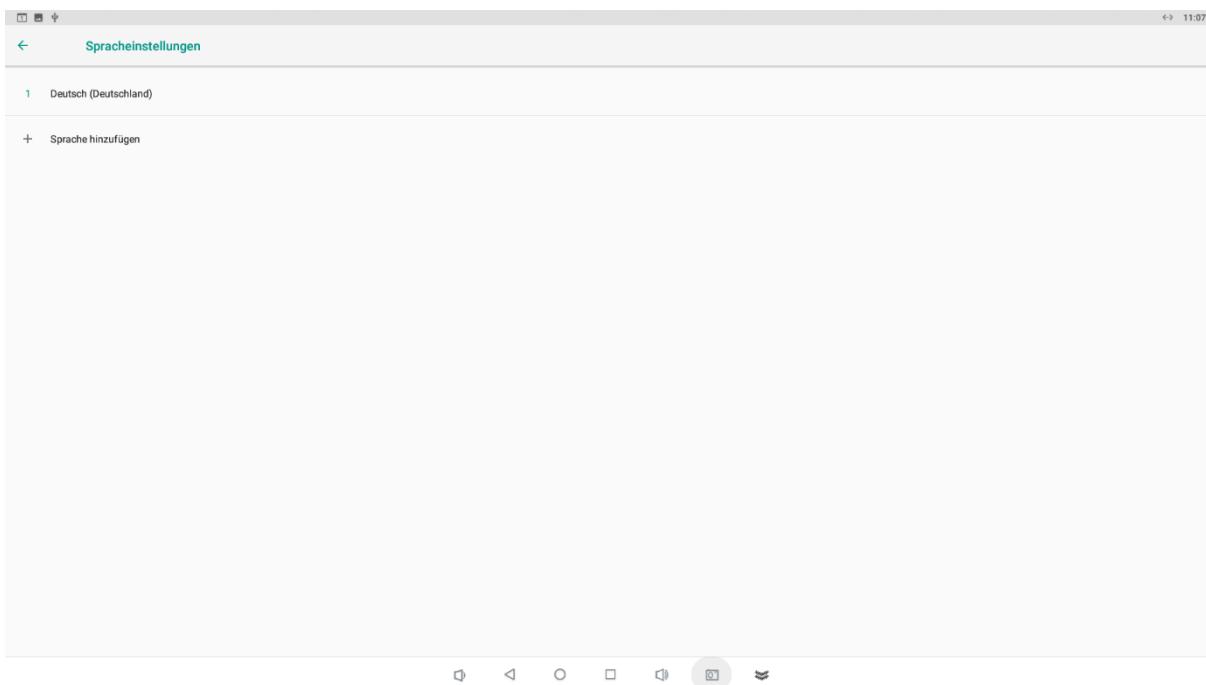
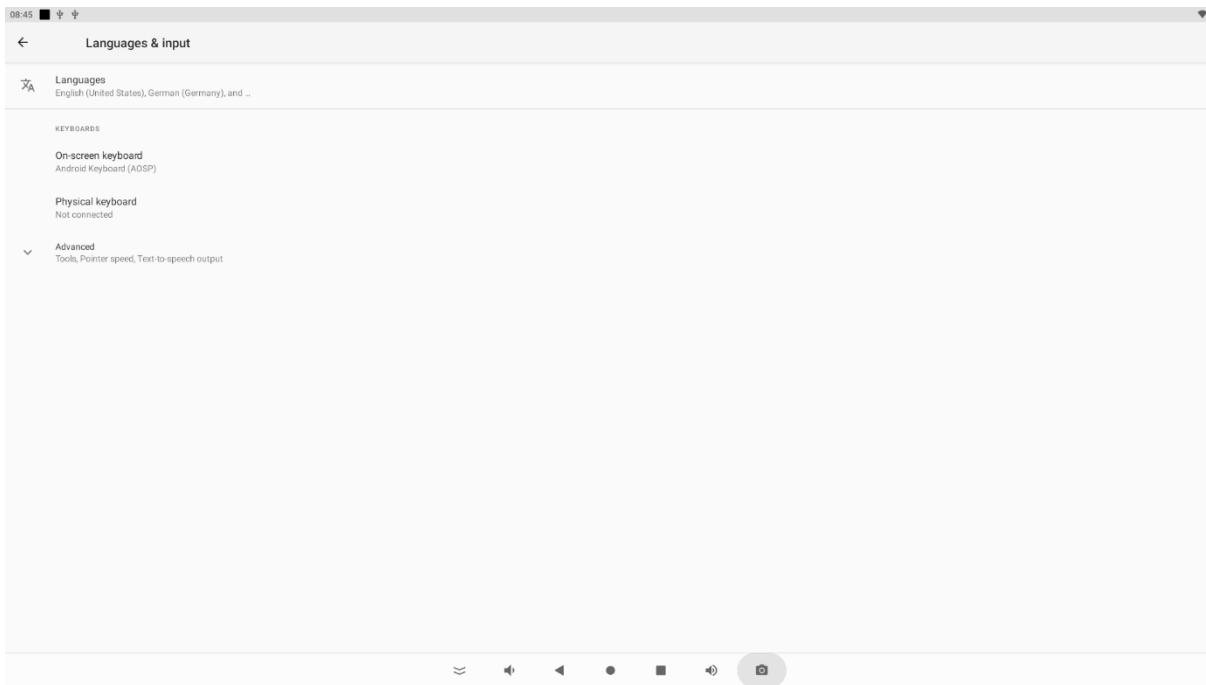


Change language settings

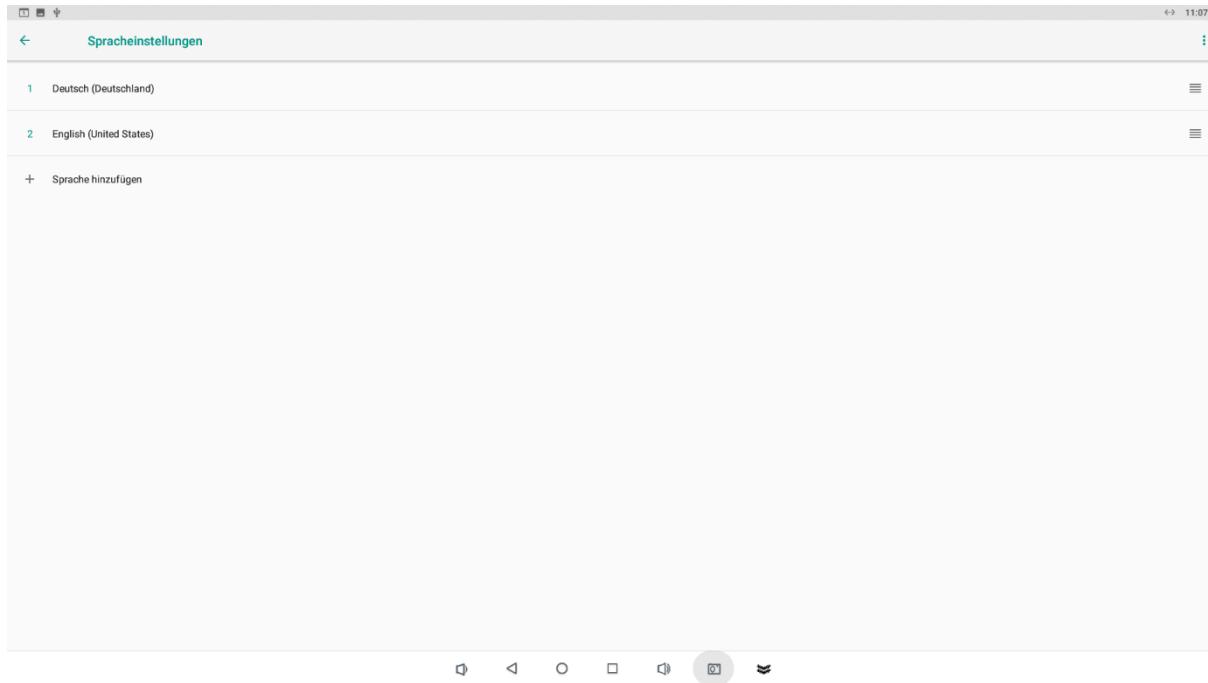
Open the "Settings" app

Under "System," select "Language & Input," then click on Language and select the desired language





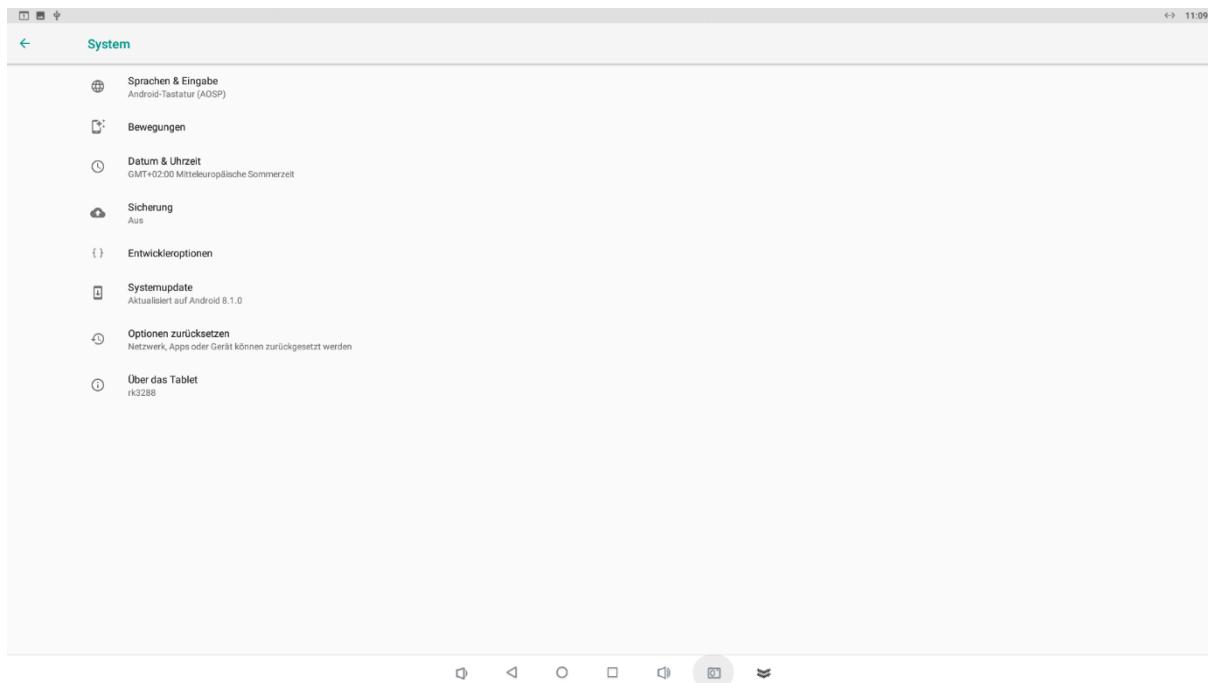
Activate the language by dragging it up on the right-hand side.



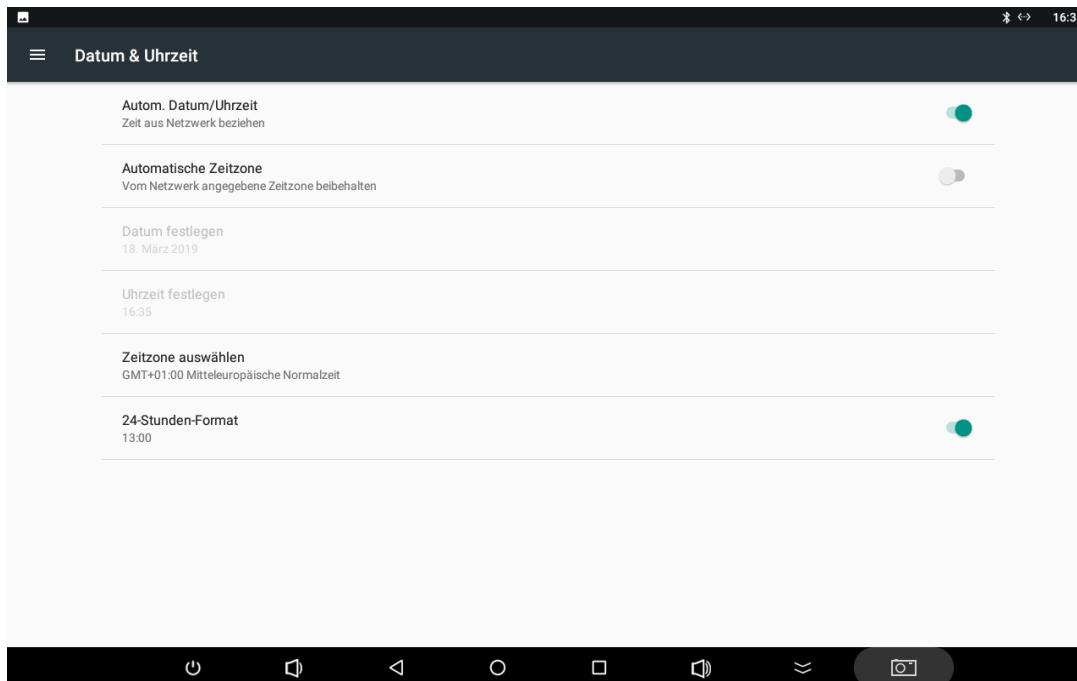
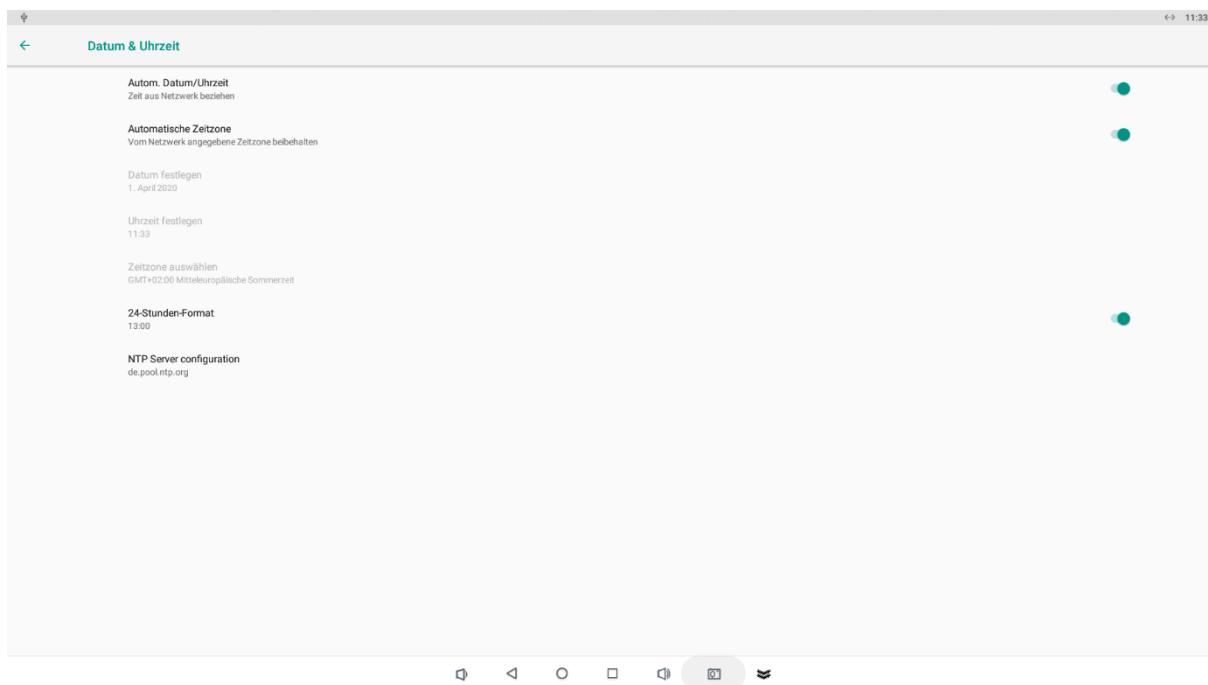
Change time zone, date, and time settings

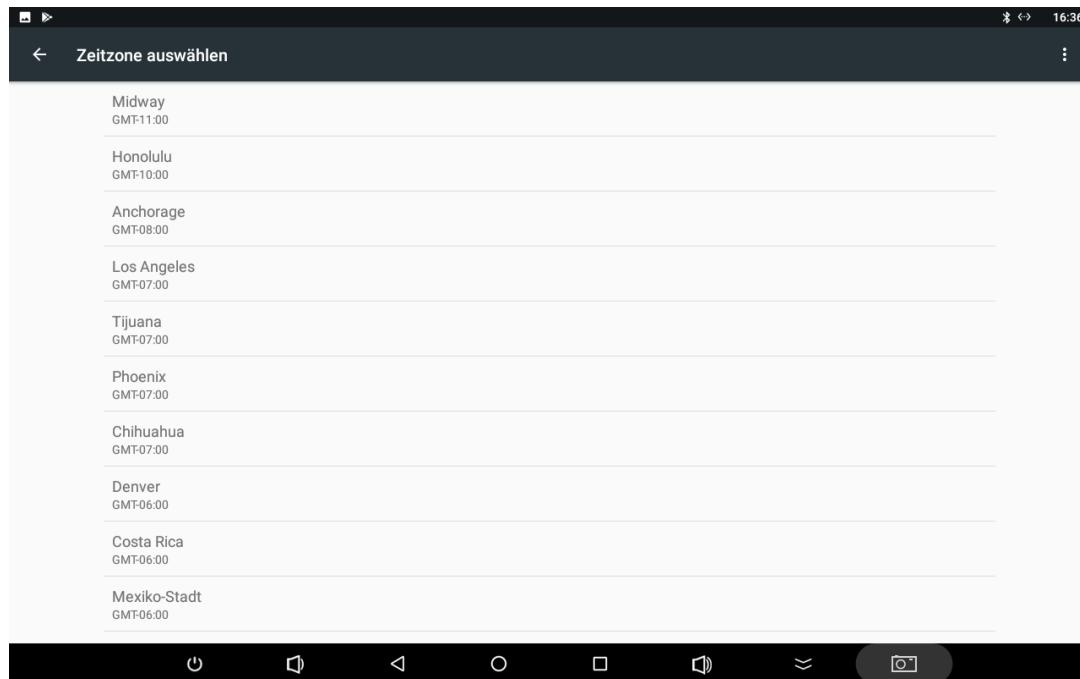
Open the "Settings" app and select "System."

Select the "Date and Time" menu item from the "System" menu item.



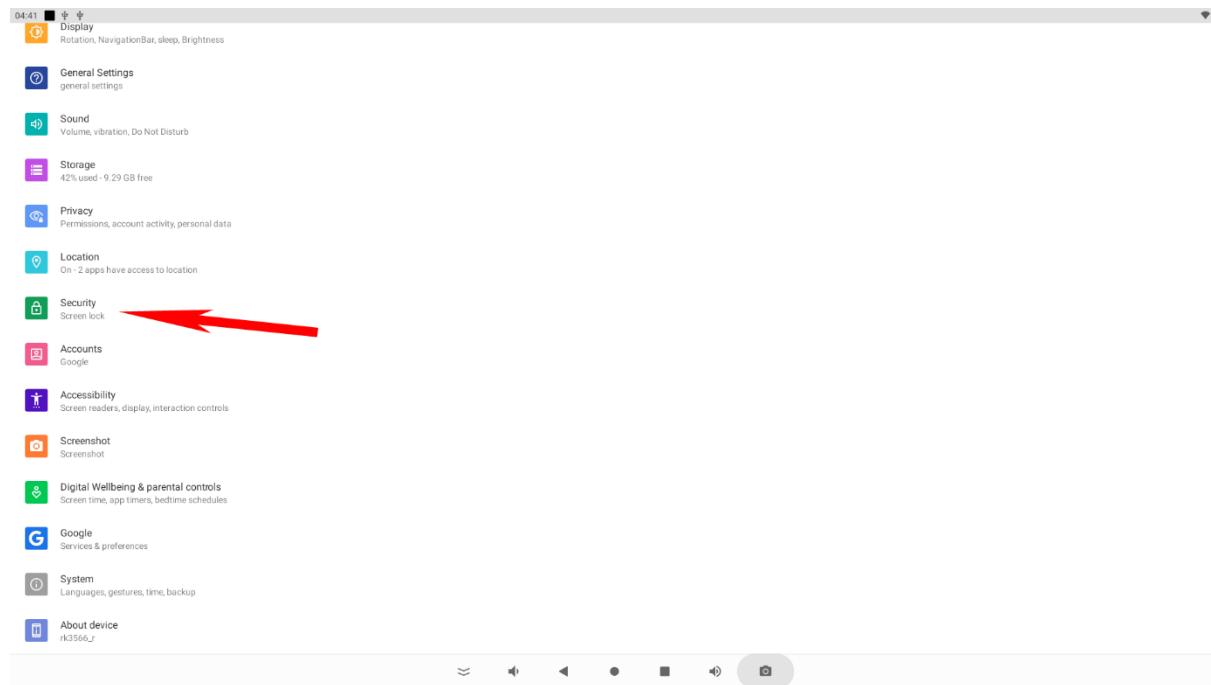
You can either obtain the appropriate time zone automatically via the network or change it manually via the "Select time zone" option.



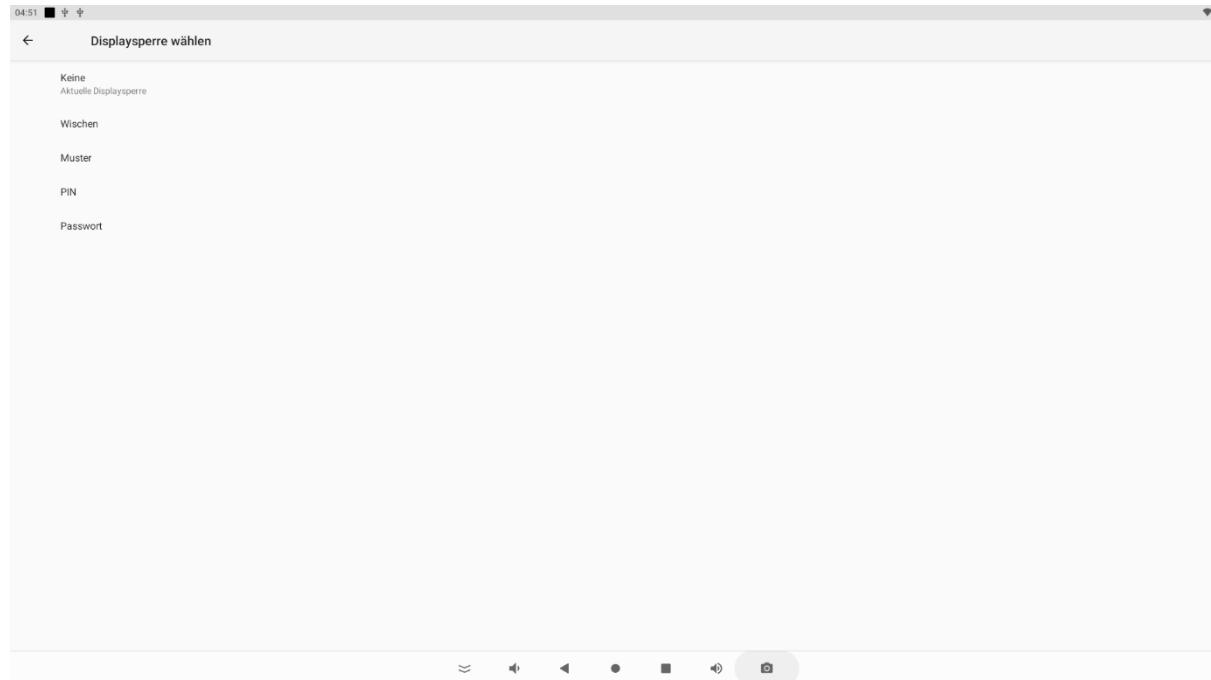


Display lock settings

Open the "Settings" app and then select "Security."



Under "Device security/Display lock," you can assign a PIN to unlock the tablet, among other things.



Changing the volume setting

Open the "Settings" app

Select the "Sounds" menu item from the "Device" menu item. Here you can adjust the volume for media playback, alarms, and notifications.

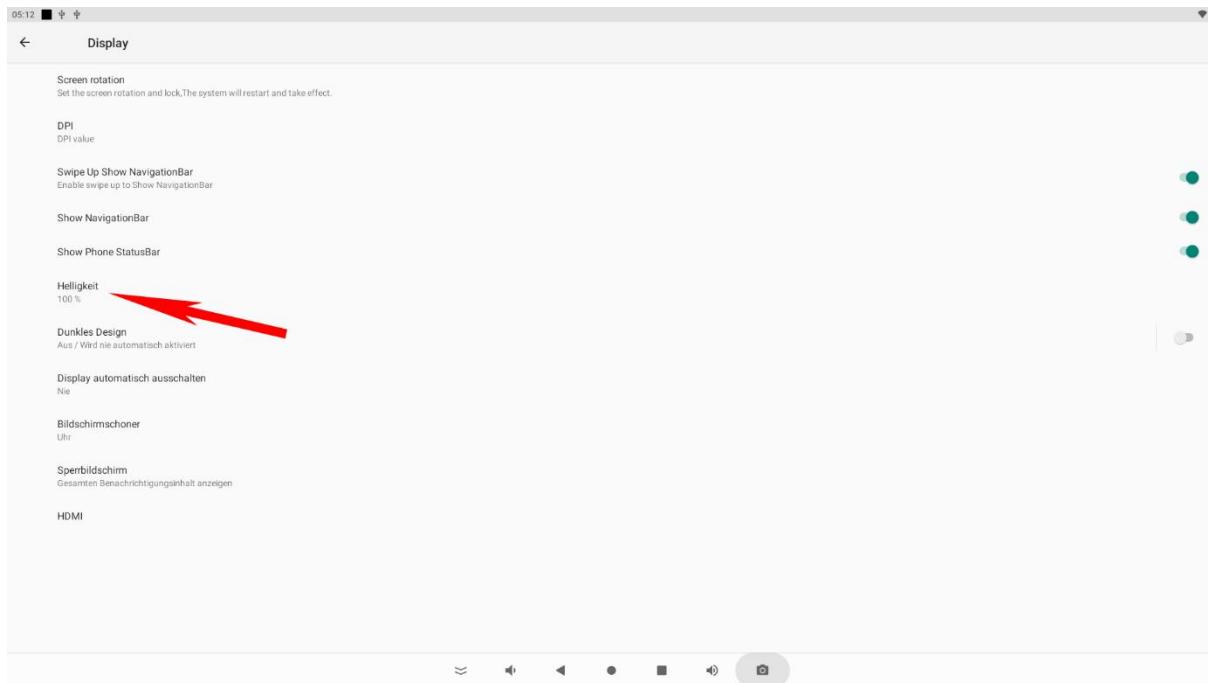


Display settings

Open the "Settings" app

Select "Display," then click on "Brightness level." You can now adjust the brightness continuously. In addition to brightness, you can also change the background or select a screen saver.





Hide navigation bar/status bar

Open "Settings-Accessibility-System Controls." Turn the Hide Navigation Toolbar switch on or off.

gesture control

Open "Settings-System-Gestures." Tap on Navigation Mode. There you can now choose between gesture navigation and 3-button navigation.

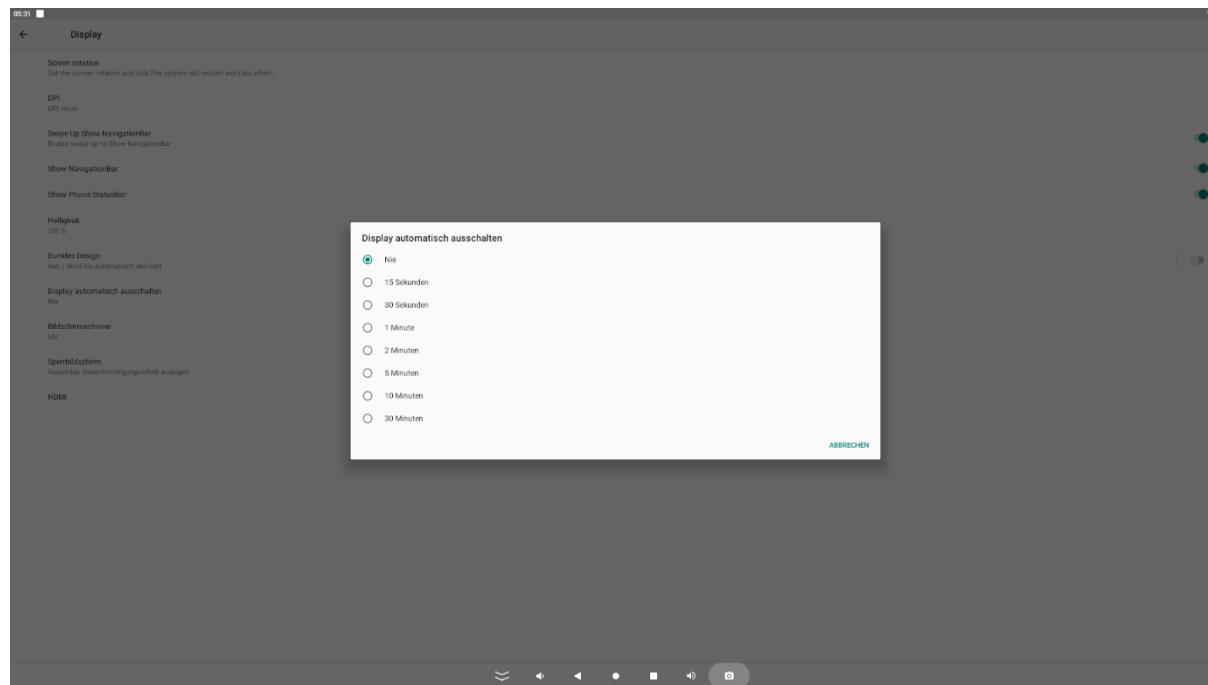
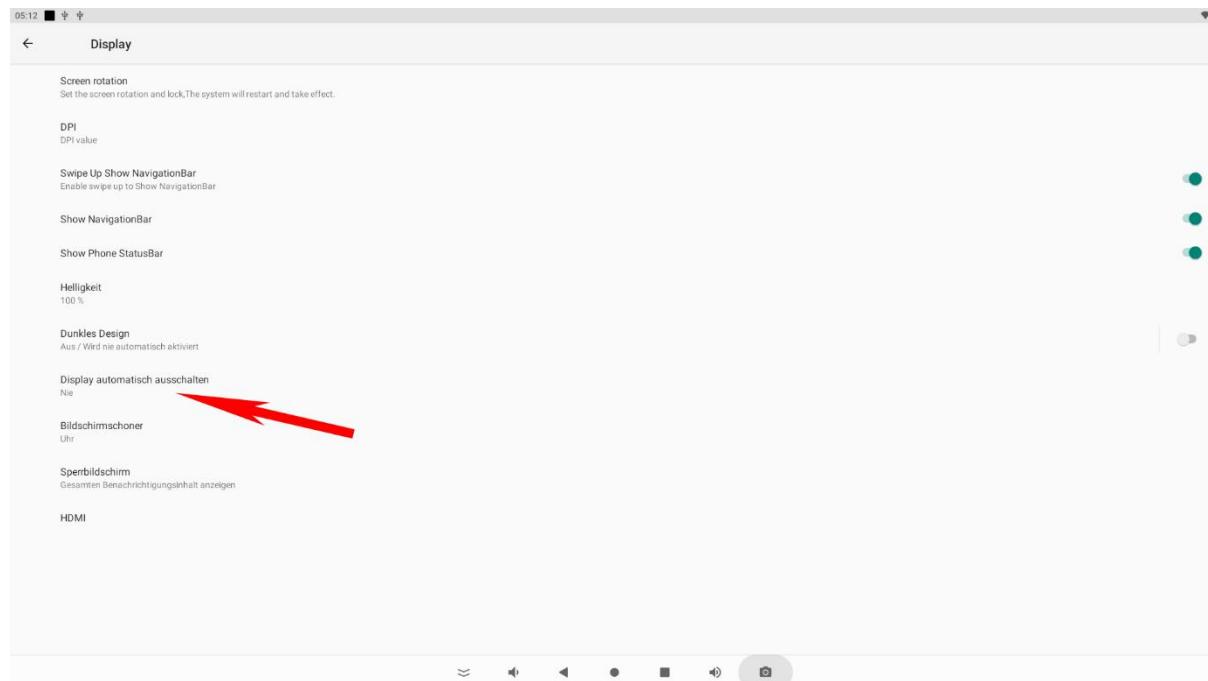
When gesture control is enabled, the navigation bar usually disappears.

Settings "Automatically turn off display"

Open the "Settings" app.

Select "Display," then click on Advanced/Sleep Mode. You can now set the display's shutdown time.

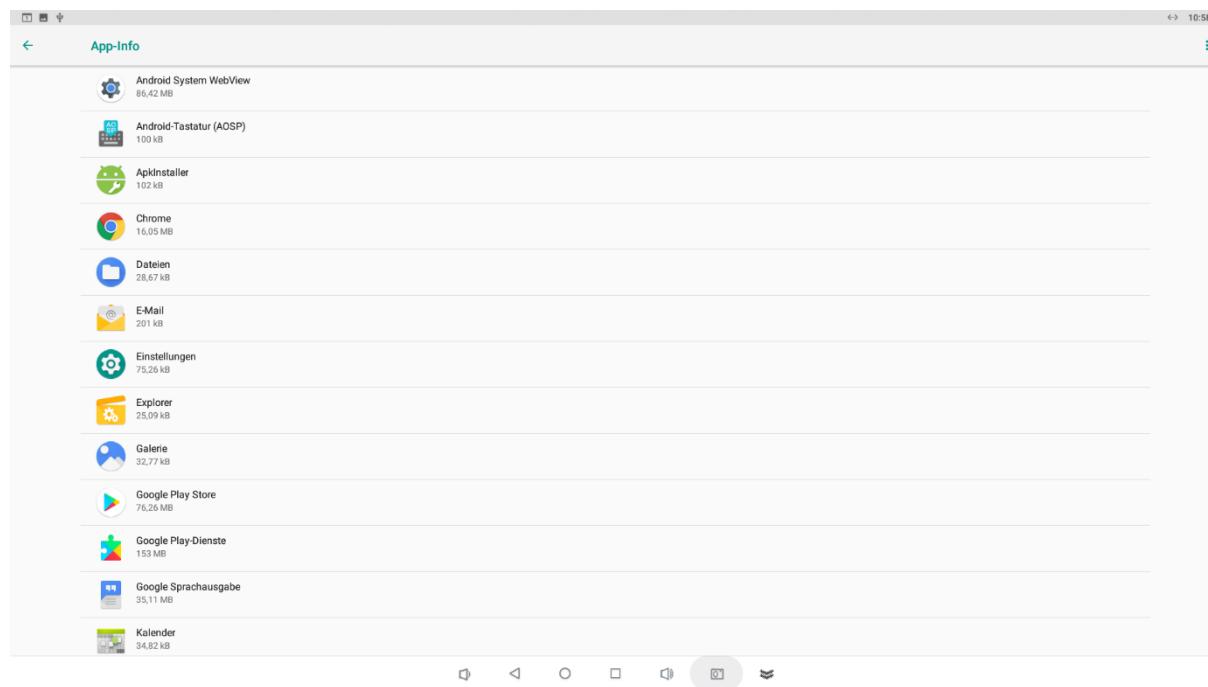
By activating the "Never" menu item, the screen will remain active until the tablet is turned off.



Connection to the Google Play Store

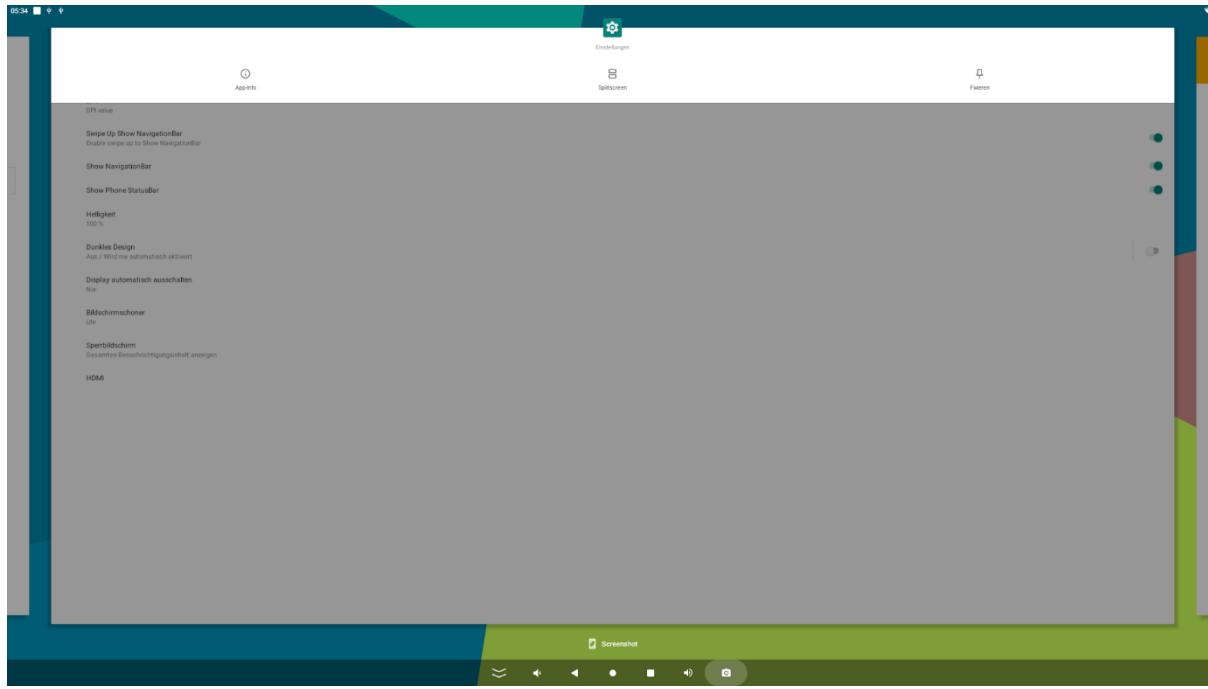
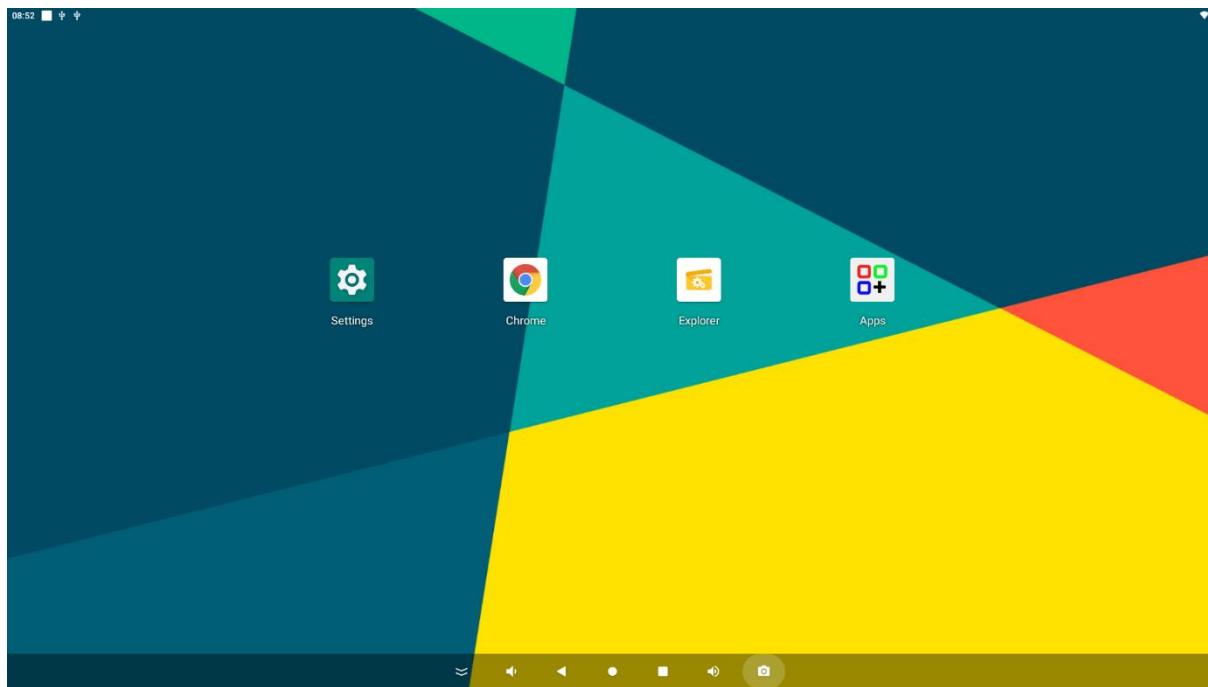
Open the Play Store app and log in with your Google account details to install the desired apps. If you do not yet have an account, you can create a new one directly via the app. If you have a problem

starting the Play Store, a component (Google SystemWebView.apk) of the Google Framework is outdated and needs to be updated. To do this, you must disable the Chrome browser under Settings/Apps so that SystemWebView.apk becomes visible. The tablet should update this automatically after a while, so leave it switched on and connected to the internet. This app can also be downloaded from external download sites such as APK Mirror. Please note that downloading from external sites can be risky. We accept no liability for this!



Exit app

Click on the rectangular icon in the lower navigation bar. You will then see all active apps, which you can close as desired.



Split screen function:

This function allows you to display two apps at the same time.

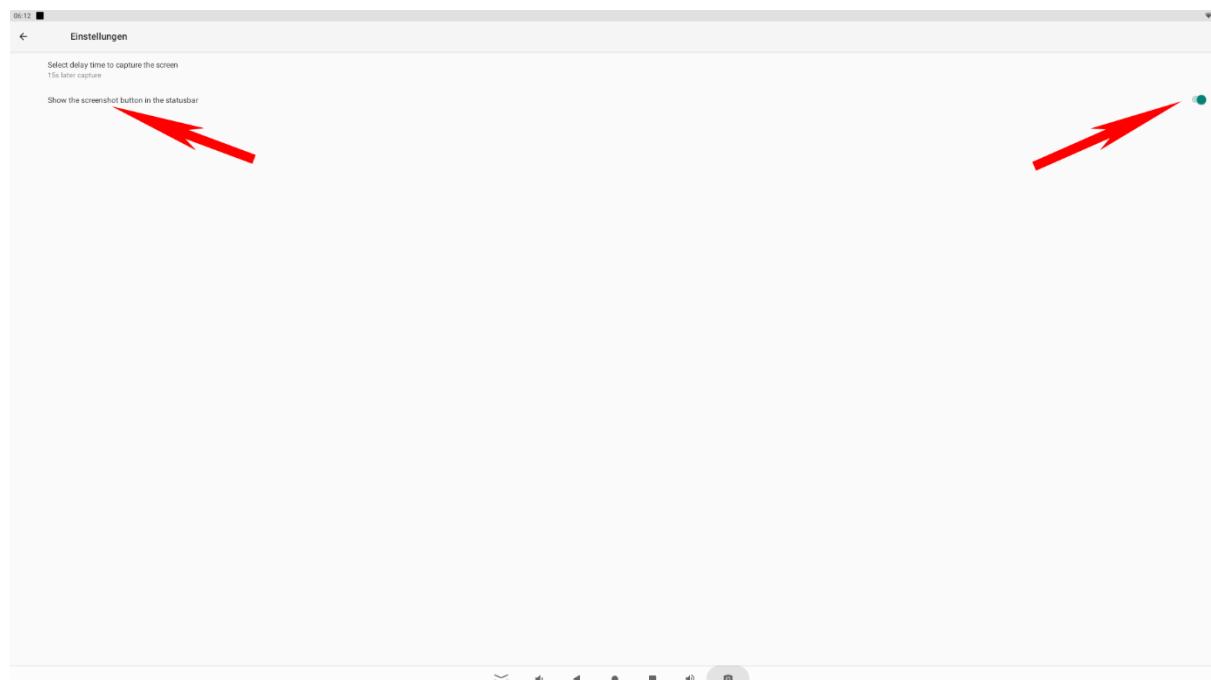
Click on the rectangular icon in the lower navigation bar. All active apps will then be displayed. Click on the upper logo in the middle of the app you want to use. A menu will open. Click on Split Screen and select the second app by clicking on it. These must be opened beforehand so that you can select them.

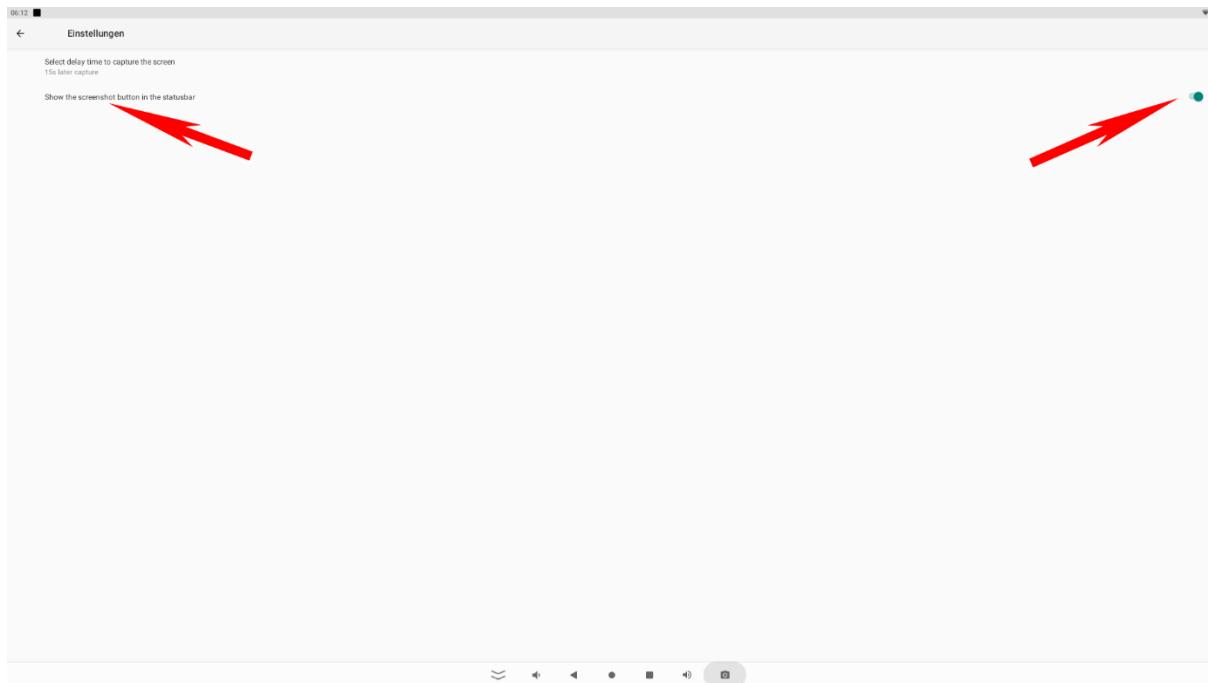
Taking a screenshot

Under Settings, you will find the item "Screenshot." Clicking on it will open a settings window.



Here you can activate the function in the navigation bar.





Help & firmware update:

Our firmware and further help can be found at the following link: <https://firmware.allnet.de>

To update the firmware, the tablet must be connected to the PC with a USB Type-A to USB Type-C cable. Before connecting it, please install the Rockchip drivers using the Rockchip DriverAssistant tool.

Note: Please check that no other ADB drivers are installed on the system. This can lead to errors in the detection of the tablet.

To flash the firmware, you need AndroidTool_Release v5.1.1. Please contact our support team at support@allnet.de to receive the firmware and the download link.

Here are the individual steps:

1. Install the "Release_DriverAssitant" driver.
2. Start Android Tool
3. Connect the USB port to the PC and tablet and connect the power supply.
4. You will now see an ADB device in the Android Tool.
5. Press the Firmware button under the "Upgrade Firmware" tab and select the Linux/Android image
6. Then press the "Switch" button.
7. The tablet should now turn off the screen and a Loader Device should appear in the Android Tool. This takes approx. 30 seconds. If this does not work, there is a small hole next to the power connection on the tablet. Use a bent paper clip to locate the switch behind it and apply power at the same time. Hold the switch down for approx. 3 seconds.
6. Then press the "EraseFlash" button, only necessary in case of errors or system changes
7. When the process is complete, you can click on the "Upgrade" button and the image will flash Linux/Android onto the system.
8. The device will restart automatically after the update process.

CE**CE Declaration of Conformity**

Germering, December 19, 2025

ALLNET Speedy Series Display 14.16, 21 inches

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 Rocket Series conforms to the Council Directives of 2014/53/EU. This equipment meets the following conformance standards:

Article	Standard(s)	Report No.
Article 3.1 a)	EN 62479:2010 EN IEC 62368-1:2020+A11:2020	SST2504E0518 SST2503S0051
Article 3.1 b)	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-3 V2.3.2 (2023-01) ETSI EN 301 489-17 V3.3.1 (2024-09) EN 55032:2015+A11:2020 EN 55035:2017+A11:2020 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021+COR1:2022	SST2504E0512
Article 3.2	ETSI EN 300 328 V2.2.2 (2019-07) ETSI EN 301 893 V2.1.1 (2024-11) ETSI EN 300 440 V2.2.1 (2018-07)	SST2504E0513 SST2504E0514 SST2504E0515 SST2504E0516 SST2504E0517
Article 3.4	Not applicable for this device	

This equipment is intended to be operated in all countries.

This declaration is made by
ALLNET GmbH Computersysteme
Maistraße 2
82110 Germering
Germany
Germering, December 19, 2025


Wolfgang Marcus Bauer
CEO