



Nokia T20

User Guide

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1 About this user guide

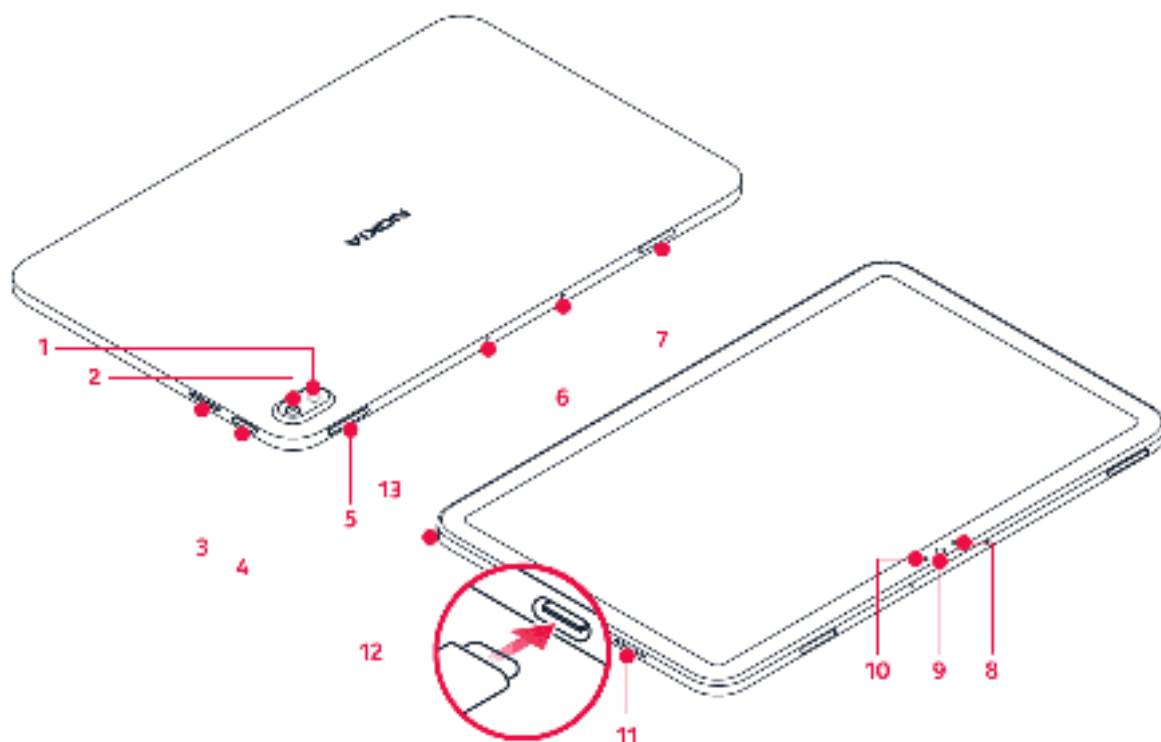


Important: For important information on the safe use of your device and battery, read "Product and safety information" before you take the device into use. To find out how to get started with your new device, read the user guide.

2 Get started

KEYS AND PARTS

Your tablet



This user guide applies to the following models: TA-1394, TA-1397, TA-1392.

- | | |
|--|-----------------------|
| 1. Flash | 8. Hall sensor |
| 2. Camera | 9. Front camera |
| 3. Loudspeaker | 10. Light sensor |
| 4. Power/Lock key | 11. Loudspeaker |
| 5. Volume keys | 12. USB connector |
| 6. Microphone | 13. Headset connector |
| 7. SIM and memory card slot (TA-1394, TA-1397), memory card slot (TA-1392) | |

Some of the accessories mentioned in this user guide, such as charger, headset or data cable, may be sold separately.

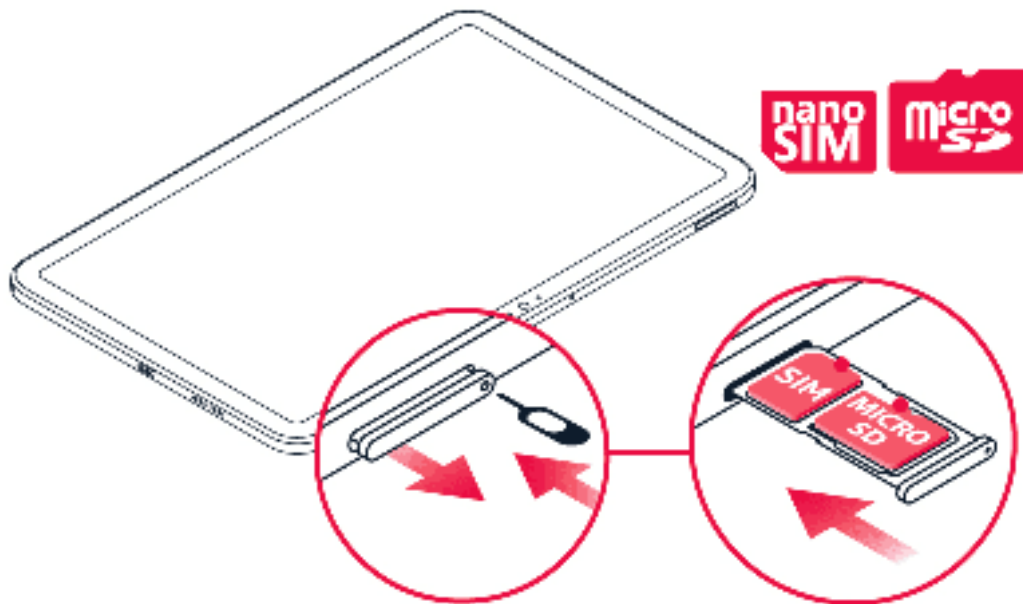
Parts and connectors, magnetism

Do not connect to products that create an output signal, as this may damage the device. Do not connect any voltage source to the audio connector. If you connect an external device or headset, other than those approved for use with this device, to the audio connector, pay special attention to volume levels.

Parts of the device are magnetic. Metallic materials may be attracted to the device. Do not place credit cards or other magnetic stripe cards near the device for extended periods of time, since the cards may be damaged.

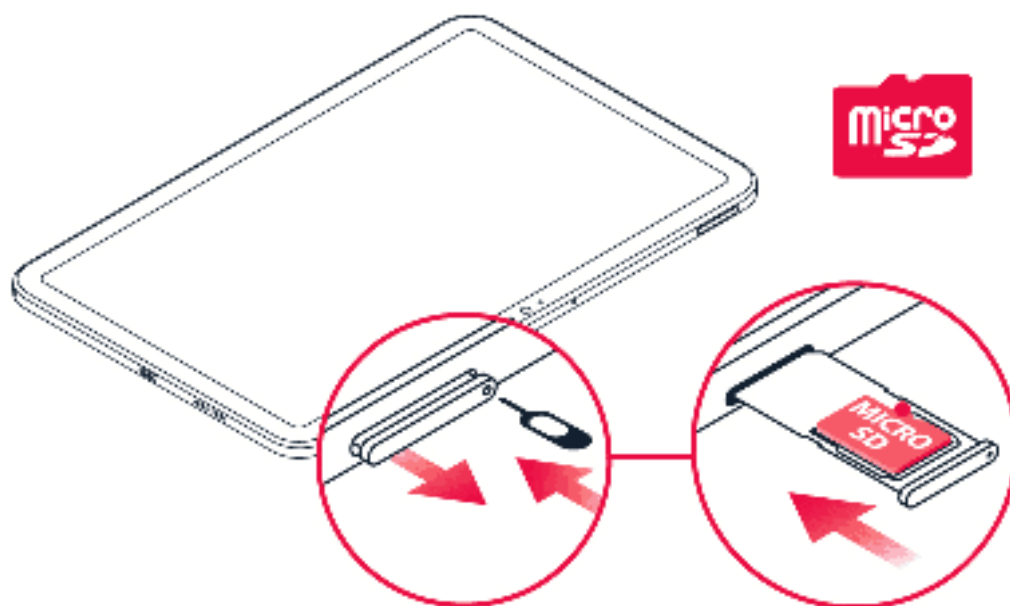
INSERT THE SIM AND MEMORY CARDS

Insert the cards TA-1394, TA-1397



1. Open the SIM card tray: push the tray opener pin into the tray hole and slide the tray out.
2. Put the nano-SIM in the SIM slot on the tray with the contact area face down.
3. If you have a memory card, put it in the memory card slot.
4. Slide the tray back in.

Insert the memory card TA-1392



1. Open the memory card tray: push the tray opener pin into the tray hole and slide the tray out.
2. Put the memory card in the memory card slot on the tray.
3. Slide the tray back in.



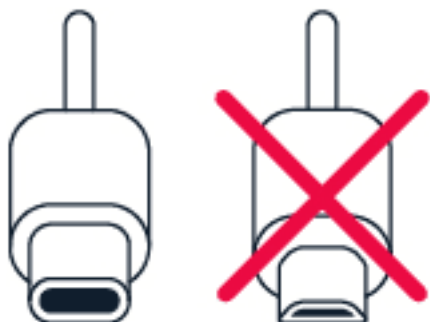
Important: Do not remove the memory card when an app is using it. Doing so may damage the memory card and the device and corrupt data stored on the card.



Tip: Use a fast microSD memory card (up to 512 GB) from a well-known manufacturer.

CHARGE YOUR TABLET

Charge the battery



1. Plug a compatible charger into a power socket.
2. Connect the cable to your tablet.

Your tablet supports the USB-C cable. You can also charge your tablet from a computer with a USB cable, but it may take a longer time.

If the battery is completely discharged, it may take several minutes before the charging indicator is displayed.

SWITCH ON AND SET UP YOUR TABLET

Switch on your tablet

1. To switch on your tablet, press and hold the power key until the tablet starts up.
2. Follow the instructions shown on the screen.

LOCK OR UNLOCK YOUR TABLET

Lock your keys and screen

To lock your keys and screen, press the power key.

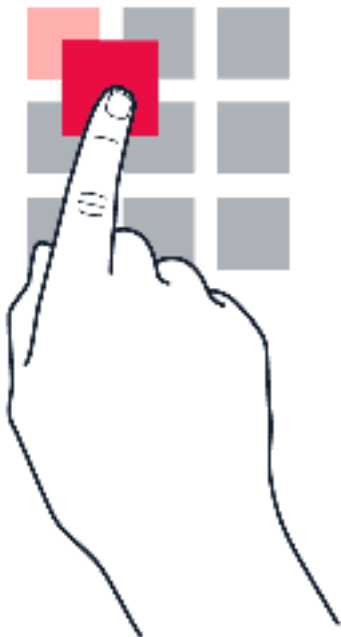
Unlock the keys and screen

Press the power key and swipe up across the screen. If asked, provide additional credentials.

USE THE TOUCH SCREEN

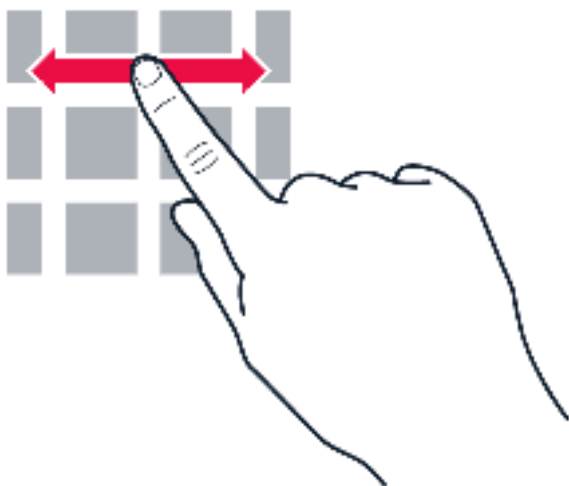
Important: Avoid scratching the touch screen. Never use an actual pen, pencil, or other sharp object on the touch screen.

Tap and hold to drag an item



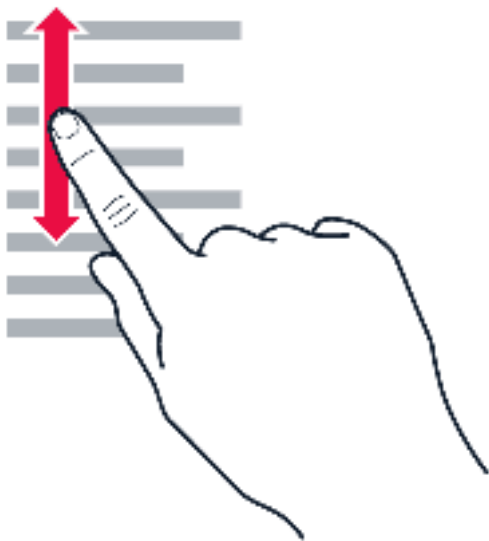
Place your finger on the item for a couple of seconds and slide your finger across the screen.

Swipe



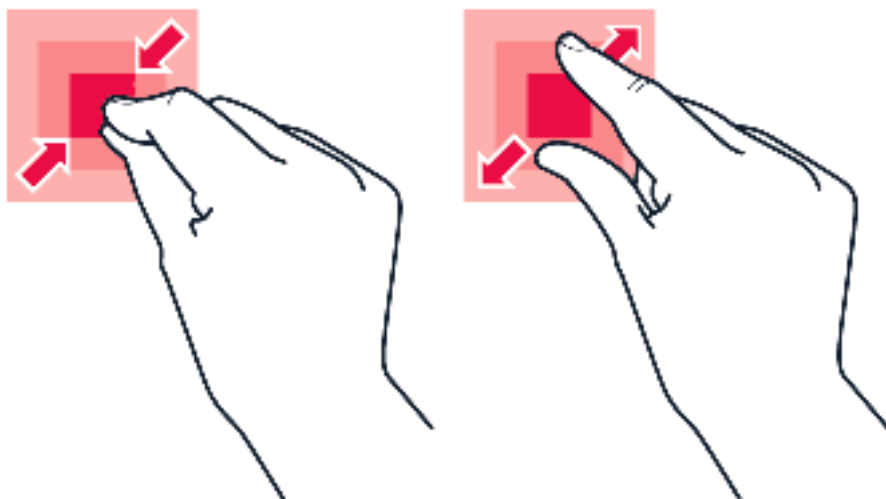
Place your finger on the screen and slide your finger in the direction you want.

Scroll through a long list or menu



Slide your finger quickly in a flicking motion up or down the screen and lift your finger. To stop the scrolling, tap the screen.

Zoom in or out



Place 2 fingers on an item, such as a map, photo, or web page, and slide your fingers apart or together.

Lock the screen orientation

The screen rotates automatically when you turn the tablet 90 degrees.

To lock the screen in portrait mode, swipe down from the top of the screen, and tap **Auto-rotate**.

Navigate with gestures

To switch on using gesture navigation, tap **Settings** > **System** > **Gestures** > **System navigation** > **Gesture navigation**.

- To see all your apps, swipe up from **^**.
- To go to the home screen, swipe up from the bottom of the screen. The app you were in stays open in the background.
- To see which apps you have open, swipe up from the bottom of the screen without releasing your finger until you see the apps, and then release your finger.
- To switch to another open app, tap the app.
- To close all the open apps, tap **CLEAR ALL**.
- To go back to the previous screen you were in, swipe from the right or left edge of the screen. Your tablet remembers all the apps and websites you've visited since the last time your screen was locked.

Navigate with keys

To switch on the navigation keys, tap **Settings** > **System** > **Gestures** > **System navigation** > **3-button navigation**.

- To see all your apps, swipe up the home key **●**.
- To go to the home screen, tap the home key. The app you were in stays open in the background.
- To see which apps you have open, tap **■**.
- To switch to another open app, swipe right and tap the app.
- To close all the open apps, tap **CLEAR ALL**. – To go back to the previous screen you were on, tap **◀**. Your tablet remembers all the apps and websites you've visited since the last time your screen was locked.

3 Basics

CONTROL VOLUME

Change the volume

To change the volume of the tablet, press the volume keys on the top left corner of your tablet.

To change the volume for media and apps, press the volume down key to see the volume status bar, tap , then drag the slider on the volume bar for media and apps left or right.

Do not connect to products that create an output signal, as this may damage the device. Do not connect any voltage source to the audio connector. If you connect an external device or headset, other than those approved for use with this device, to the audio connector, pay special attention to the volume levels.

Set the tablet to silent

To set the tablet to silent, press the volume down key and tap .

AUTOMATIC TEXT CORRECTION

Use keyboard word suggestions

Your tablet suggests words as you write, to help you write quickly and more accurately. Word suggestions may not be available in all languages.

When you start writing a word, your tablet suggests possible words. When the word you want is shown in the suggestion bar, select the word. To see more suggestions, tap and hold the suggestion.



Tip: If the suggested word is marked in bold, your tablet will automatically use it to replace the word you have written. If the word is wrong, tap and hold it to see a few other suggestions.

If you do not want the keyboard to suggest words while typing, switch off the text corrections. Tap **Settings** > **System** > **Languages & input** > **On-screen keyboard**. Select the keyboard you normally use. Tap **Text correction** and switch off the text correction methods you do not want to use.

Correct a word

If you notice that you have misspelled a word, tap it to see suggestions for correcting the word.

Switch spell checker off

Tap **Settings** > **System** > **Languages & input** > **Advanced** > **Spell checker**, and switch **Use spell checker** off.

BATTERY LIFE

There are steps you can take to save power on your tablet.

Extend battery life

To save power:

1. Always charge the battery fully.
2. Mute unnecessary sounds, such as touch sounds. Tap **Settings** > **Sound** > **Advanced**, and under **Other sounds**, select which sounds to keep.
3. Use wired headphones, rather than the loudspeaker.
4. Set the screen to switch off after a short time. Tap **Settings** > **Display** > **Advanced** > **Screen timeout** and select the time.
5. Tap **Settings** > **Display** > **Brightness level**. To adjust the brightness, drag the brightness level slider. Make sure that **Adaptive brightness** is disabled.
6. Stop apps from running in the background.
7. Use location services selectively: switch location services off when you don't need them. Tap **Settings** > **Location** and disable **Use location**.
8. Use network connections selectively: Switch Bluetooth on only when needed. Use a Wi-Fi connection to connect to the Internet, rather than a mobile data connection. Stop your tablet scanning for available wireless networks. Tap **Settings** > **Network & Internet** > **Wi-Fi**, and disable **Use Wi-Fi**.

ACCESSIBILITY

You can change various settings to simplify using your tablet.

Increase or decrease the font size

1. Tap **Settings** > **Accessibility**.
2. Tap **Font size**. To increase or decrease the font size, drag the Font size slider.

Increase or decrease the display size

1. Tap **Settings** > **Accessibility**.
2. Tap **Display size** and adjust the display size by dragging the Display size level slider.

FM RADIO

To listen to the radio, you need to connect a compatible headset to the tablet. The headset acts as an antenna. The headset may be sold separately.

Listen to FM radio

After you have connected the headset, tap **FM Radio**.

- To switch the radio on, tap ►. channel frequency row left or right.
- To search radio stations, tap ⋮ > **Scan**.
- To switch to another station, slide the
- To save a station, tap ♥.
- To switch the radio off, tap ⏻.



Troubleshooting tip: If the radio doesn't work, make sure the headset is connected properly.

4 Protect your tablet

PROTECT YOUR TABLET WITH A SCREEN LOCK

You can set your tablet to require authentication when unlocking the screen.

Set a screen lock

1. Tap **Settings** > **Security** > **Screen lock**.
2. Choose the type of lock and follow the instructions on your tablet.

PROTECT YOUR TABLET WITH YOUR FACE

Set up face authentication

1. Tap **Settings** > **Security** > **Face unlock**.
2. Select what backup unlocking method you want to use for the lock screen and follow the instructions shown on your tablet.

Keep your eyes open and make sure your face is fully visible and not covered by any object, such as a hat or sunglasses.



Note: Using your face to unlock your tablet is less secure than using a pin or a pattern. Your tablet may be unlocked by someone or something with similar appearance. Face unlock may not work properly in backlight or too dark or bright environment.

Unlock your tablet with your face

To unlock your tablet, just turn your screen on and look at the front camera.

If there is a facial-recognition error, and you cannot use alternative sign-in methods to recover or reset the tablet in any way, your tablet will require service. Additional charges may apply, and all the personal data on your tablet may be deleted. For more info, contact the nearest authorised service facility for your tablet, or your tablet dealer.

5 Camera

CAMERA BASICS

Take a photo

Shoot sharp, vibrant photos – capture the best moments in your photo album.

1. Tap **Camera**.
2. Take aim and focus.
3. Tap ○.

Take a selfie

1. Tap **Camera** >  to switch to the front camera.
2. Tap ○.

Take photos with a timer

1. Tap **Camera**.
2. Tap  and select the time.
3. Tap ○.

VIDEOS

Record a video

1. Tap **Camera**.
2. To switch to the video recording mode, slide the text **Capture** up until the text **Video** is enlarged.
3. Tap  to start recording.
4. To stop recording, tap .
5. To go back to camera mode, slide the text **Video** down until the text **Capture** is enlarged.

YOUR PHOTOS AND VIDEOS

View photos and videos on your tablet

Tap **Photos**.

Share your photos and videos

1. Tap **Photos**, tap the photo you want to share and tap .
2. Select how you want to share the photo or video.

6 Internet and connections

ACTIVATE WI-FI

Turn on Wi-Fi

1. Tap **Settings** > **Network & internet** > **Wi-Fi**.
2. Switch **Use Wi-Fi** on.
3. Select the connection you want to use.

Your Wi-Fi connection is active when  is shown on the status bar at the top of the screen.

Important: Use encryption to increase the security of your Wi-Fi connection. Using encryption reduces the risk of others accessing your data.

BROWSE THE INTERNET

Search the web

1. Tap **Chrome**.
2. Write a search word or a web address to the search field.
3. Tap →, or select from the proposed matches.

Use your tablet to connect your computer to the web

Use your mobile data connection to access the Internet with your computer or another device.

1. Tap **Settings** > **Network & Internet** > **Hotspot & tethering**.
2. Switch on **Wi-Fi hotspot** to share your mobile data connection over Wi-Fi, **USB tethering** to use a USB connection, **Bluetooth tethering** to use Bluetooth or **Ethernet tethering** to use a USB Ethernet cable connection.

The other device uses data from your data plan, which may result in data traffic costs. For information on availability and costs, contact your network service provider.

BLUETOOTH®

Connect to a Bluetooth device

1. Tap **Settings** > **Connected devices** > **Connection preferences** > **Bluetooth**.
2. Switch **Bluetooth** to **On**.
3. Make sure the other device is switched on. You may need to start the pairing process from the other device. For details, see the user guide for the other device.
4. Tap **Pair new device** and tap the device you want to pair with from the list of discovered Bluetooth devices.
5. You may need to enter a passcode. For details, see the user guide for the other device.

Since devices with Bluetooth wireless technology communicate using radio waves, they do not need to be in direct line-of-sight. Bluetooth devices must, however, be within 10 metres (33 feet) of each other, although the connection may be subject to interference from obstructions such as walls or from other electronic devices.

Paired devices can connect to your tablet when Bluetooth is switched on. Other devices can detect your tablet only if the Bluetooth settings view is open.

Do not pair with or accept connection requests from unknown devices. This helps to protect your tablet from harmful content.

Share your content using Bluetooth

If you want to share your photos or other content with a friend, send them to your friend's device using Bluetooth.

You can use more than one Bluetooth connection at a time. For example, while using a Bluetooth headset, you can still send things to another device.

1. Tap **Settings** > **Connected devices** > **Connection preferences** > **Bluetooth**.
2. Make sure Bluetooth is switched on for both devices and that the devices are visible to each other.
3. Go to the content you want to send and tap  > **Bluetooth**.
4. On the list of found Bluetooth devices, tap your friend's device.
5. If the other device needs a passcode, type in or accept the passcode, and tap **PAIR**.

The passcode is only used when you connect to something for the first time.

Remove a pairing

If you no longer have the device with which you paired your tablet, you can remove the pairing.

1. Tap **Settings** > **Connected devices** > **PREVIOUSLY CONNECTED DEVICES**.
2. Tap  next to a device name.
3. Tap **FORGET**.

VPN

You may need a Virtual Private Network (VPN) connection to access your company resources, such as intranet or corporate mail, or you may use a VPN service for personal purposes.

Contact your company IT administrator for details of your VPN configuration or check your VPN service's website for additional information.

Use a secure VPN connection

1. Tap **Settings** > **Network & Internet** > **Advanced** > **VPN**.
2. To add a VPN profile, tap **+**.
3. Enter the profile information as instructed by your company IT administrator or VPN service.

Edit a VPN profile

1. Tap  next to a profile name.
2. Change the information as required.

Delete a VPN profile

1. Tap  next to a profile name.
2. Tap **FORGET**.

7 Organise your day

DATE AND TIME

Set date and time

Tap **Settings** > **System** > **Date & time**.

Update the time and date automatically

You can set your tablet to update the time, date and time zone automatically. Automatic update is a network service and may not be available depending on your region or service provider.

1. Tap **Settings** > **System** > **Date & time**.
2. Switch **Use network-provided time** on.
3. Switch **Use network-provided time zone** on.

Change the clock to the 24-hour format

Tap **Settings** > **System** > **Date & time**, and switch **Use 24-hour format** on.

ALARM CLOCK

Set an alarm

1. Tap **Clock** > **Alarm**.
2. To add an alarm, tap **+**.
3. To modify an alarm, tap it. To set the alarm to repeat on specific dates, select **Repeat** and highlight the days of the week.

Switch an alarm off

When the alarm sounds, swipe the alarm right.

CALENDAR

Manage calendars

Tap **Calendar** > ≡, and select the type of calendar you want to see.

Calendars are added automatically when you add an account to your tablet. To add a new account with a calendar, go to the apps menu and tap **Settings** > **Accounts** > **Add account**.

Add an event

1. In **Calendar**, tap **+**.
often the event should repeat.
2. Type in the details you want and set the time.
3. To make an event repeat on certain days, tap **Does not repeat**, and select how
4. To set a reminder, tap **Add notification**, set the time and tap **Done**.
5. Tap **Save**.



Tip: To edit an event, tap the event and ✎, and edit the details.

Delete an appointment

1. Tap the event.
2. Tap ⋮ > **Delete**.

8 Maps

FIND PLACES AND GET DIRECTIONS

Find a spot

Google Maps helps you find specific locations and businesses.

1. Tap **Maps**.
2. Enter search words, such as a street address or place name, in the search bar.
3. Select an item from the list of proposed matches as you write or tap 🔍 to search.

The location is shown on the map. If no search results are found, make sure the spelling of your search words is correct.

See your current location

Tap **Maps** > 📍.

Get directions to a place

1. Tap **Maps** and enter your destination in the search bar.
2. Tap **Directions**. The highlighted icon shows the mode of transportation, for example 🚗. To change the mode, select the new mode under the search bar.
3. If you don't want the starting point to be your current location, tap **Your location** and search for a new starting point.
4. Tap **Start** to start the navigation.

9 Apps, updates and backups

GET APPS FROM GOOGLE PLAY

You need to have a Google account added to your tablet to use Google Play services. Charges may apply to some of the content available in Google Play. To add a payment method, tap **Play Store**, tap your Google logo next to the search field and then tap **Payment methods**. Always make sure that you have permission from the payment method owner when buying content from Google Play.

Add a Google account to your tablet

1. Tap **Settings** > **Accounts** > **Add account** > **Google**. If asked, confirm your device lock method.
2. Type in your Google account credentials and tap **Next**, or, to create a new account, tap **Create account**.
3. Follow the instructions on your tablet.

Download apps

1. Tap **Play Store**.
2. Tap the search bar to look for apps, or select apps from your recommendations.
3. In the app description, tap **Install** to download and install the app.

To see your apps, go to the home screen and swipe up from the bottom of the screen.

SET UP KIDS SPACE

Fun for kids

Kids Space offers pre-loaded apps, books and videos for children. To use Kids Space, your child needs a supervised Google account.

Tap **Kids Space** > **Get started** > **Create an account** and follow the instructions on your tablet's screen.

UPDATE YOUR TABLET SOFTWARE

Install available updates

Tap **Settings** > **System** > **Advanced** > **System update** > **Check for update** to check if updates are available.

When your tablet notifies you that an update is available, just follow the instructions shown on your tablet. If your tablet is low on memory, you may need to move your photos and other stuff to the memory card.

Warning: If you install a software update, you cannot use the device until the installation is completed and the device has been restarted.

Before starting the update, connect a charger or make sure the device battery has enough power, and connect to Wi-Fi, as the update packages may use up a lot of mobile data.

BACK UP YOUR DATA

To ensure your data is safe, use the backup feature in your tablet. Your device data (such as Wi-Fi passwords) and app data (such as settings and files stored by apps) will be backed up remotely.

Switch on automatic backup

Tap **Settings** > **System** > **Backup**, and switch backup on.

RESTORE ORIGINAL SETTINGS AND REMOVE PRIVATE CONTENT

Reset your tablet

1. Tap **Settings** > **System** > **Advanced** > **Reset options** > **Erase all data (factory reset)**.
2. Follow the instructions shown on your tablet.

10 Product and safety information

FOR YOUR SAFETY

Read these simple guidelines. Not following them may be dangerous or against local laws and regulations. For further information, read the complete user guide.

SWITCH OFF IN RESTRICTED AREAS



Switch the device off when mobile device use is not allowed or when it may cause interference or danger, for example, in aircraft, in hospitals, or near medical equipment, fuel, chemicals, or blasting areas. Obey all instructions in restricted areas.

ROAD SAFETY COMES FIRST



Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.

INTERFERENCE



All wireless devices may be susceptible to interference, which could affect performance.

AUTHORISED SERVICE



Only authorised personnel may install or repair this product.

BATTERIES, CHARGERS, AND OTHER ACCESSORIES



Use only batteries, chargers and other accessories approved by HMD Global Oy for use with this device. Do not connect incompatible products.

KEEP YOUR DEVICE DRY



If your device is water-resistant, see its IP rating in the device's technical specifications for more detailed guidance.

GLASS PARTS



The device and/or its screen is made of glass. This glass can break if the device is dropped on a hard surface or receives a substantial impact. 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 authorised service personnel.

PROTECT YOUR HEARING



To prevent possible hearing damage, do not listen at high volume levels for long periods. Exercise caution when holding your device near your ear while the loudspeaker is in use.

SAR



This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 1.5 centimetres (5/8 inch) away from the body. The specific maximum SAR values can be found in the Certification Information (SAR) section of this user guide. For more information, see the Certification Information (SAR) section of this user guide or go to www.sar-tick.com.

NETWORK SERVICES AND COSTS

Using some features and services, or downloading content, including free items, requires a network connection. This may cause the transfer of large amounts of data, which may result in data costs. You may also need to subscribe to some features.



Important: 4G/LTE might not be supported by your network service provider or by the service provider you are using when travelling. In these cases, you may not be able to make or receive calls, send or receive messages, or use mobile data connections. To make sure your device works seamlessly when full 4G/LTE service is not available, it is recommended that you change the highest connection speed from 4G to 3G. To do this, on the home screen, tap **Settings** > **Network & Internet** > **Mobile network** and switch **Preferred network type** to **3G**. For more information, contact your network service provider.



Note: Using Wi-Fi may be restricted in some countries. For example, in the EU, you are only allowed to use 5150-5350 MHz Wi-Fi indoors, and in the USA and Canada, you are only allowed to use 5.15-5.25 GHz Wi-Fi indoors. For more information, contact your local authorities. For more information, contact your network service provider.

TAKE CARE OF YOUR DEVICE

Handle your device, battery, charger, and accessories with care. The following suggestions help you keep your device operational.

- Keep the device dry. Precipitation, humidity, and all types of liquid or moisture can contain minerals that corrode electronic circuits.
- Do not use or store the device in dusty or dirty areas.
- Do not store the device in high temperatures. High temperatures may damage the device or battery.
- Do not store the device in cold temperatures. When the device warms to its normal temperature, moisture can form inside the device and damage it.
- Do not open the device other than as instructed in the user guide.
- Unauthorized modifications may damage the device and violate regulations governing radio devices.
- Do not drop, knock, or shake the device or the battery. Rough handling can break it.
- Only use a soft, clean, dry cloth to clean the surface of the device.
- Do not paint the device. Paint can prevent proper operation.
- Keep the device away from magnets or magnetic fields.
- To keep your important data safe, store it in at least two separate places, such as your device, memory card, or computer, or write down important info.

During extended operation, the device may feel warm. In most cases, this is normal. To avoid getting too warm, the device may automatically slow down, dim display during a video call, close apps, switch off charging, and if necessary, switch itself off. If the device is not working properly, take it to the nearest authorised service facility.

RECYCLE



Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way you help prevent uncontrolled waste disposal and promote the recycling of materials. Electrical and electronic products contain a lot of valuable materials, including metals (such as copper, aluminium, steel, and magnesium) and precious metals (such as gold, silver, and palladium). All of the materials in the device can be recovered as materials and energy.

CROSSED-OUT WHEELIE BIN SYMBOL

Crossed-out wheelie bin symbol



The crossed-out wheelie-bin symbol on your product, battery, literature or packaging reminds you that all electrical and electronic products and batteries must be taken to separate collection at the end of their working life. Remember to remove personal data from the device first. Do not dispose of these products as unsorted municipal waste: take them for recycling. For info on your nearest recycling point, check with your local waste authority, or read about HMD's take-back program and its availability in your country at www.hmd.com/phones/support/topics/recycle.

BATTERY AND CHARGER INFORMATION

Battery and charger information

To check if your tablet has a removable or non-removable battery, see the Get started guide.

Devices with a removable battery Only use your device with its original rechargeable battery. The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the standby time is noticeably shorter than normal, replace the battery.

Devices with a non-removable battery Do not attempt to remove the battery, as you may damage the device. The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the standby time is noticeably shorter than normal, take the device to the nearest authorised service facility to have the battery replaced.

Charge your device with a compatible charger. Charger plug type may vary. Charging time can vary depending on device capability.

Battery and charger safety information

Once your device is fully charged, unplug the charger from the device and electrical outlet. Please note that continuous charging should not exceed 12 hours. If left unused, a fully charged battery will lose its charge over time.

Extreme temperatures reduce the capacity and lifetime of the battery. Always keep the battery between 15°C and 25°C (59°F and 77°F) for optimal performance. A device with a hot or cold battery may not work temporarily. Note that the battery may drain quickly in cold temperatures and lose enough power to switch off the device within minutes. When you are outdoors in cold temperatures, keep your device warm.

Obey local regulations. Recycle when possible. Do not dispose of this product as household waste.

Do not expose the battery to extremely low air pressure or extremely high temperature, such as disposing of it in a fire, as that may cause the battery to explode or leak flammable liquid or gas.

Do not dismantle, cut, crush, bend, puncture, or otherwise damage the battery in any way. If a battery leaks, do not let liquid touch skin or eyes. If this happens, immediately flush the affected areas with water or seek medical help. Do not modify, attempt to insert foreign objects into the battery, or immerse or expose it to water or other liquids. Batteries may explode if damaged.

Use the battery and charger for their intended purposes only. Improper use of, or use of unapproved or incompatible, batteries or chargers may present a risk of fire, explosion, or other hazards, and may invalidate any approval or warranty. If you believe that the battery or charger is damaged, take it to a service centre or your device dealer before continuing to use it. Never use a damaged battery or charger. Only use the charger indoors. Do not charge your device during a lightning storm. When charger is not included in the sales pack, charge your device using the data cable (included) and a USB power adaptor (may be sold separately). You can charge your device with third-party cables and power adaptors that are compliant with USB 2.0 or later and with applicable country regulations and international and regional safety standards. Other adaptors may not meet applicable safety standards, and charging with such adaptors could pose a risk of property loss or personal injury.

To unplug a charger or an accessory, hold and pull the plug, not the cord.

Additionally, the following applies if your device has a removable battery:

- Always switch the device off and unplug the charger before removing the battery.
- Accidental short-circuiting can happen when a metallic object touches the metal strips on the battery. This may damage the battery or the other object.

SMALL CHILDREN

Your device and its accessories are not toys. They may contain small parts. Keep them out of the reach of small children.

HEARING



Warning: When you use the headset, your ability to hear outside sounds may be affected. Do not use the headset where it can endanger your safety.

Some wireless devices may interfere with some hearing aids.

PROTECT YOUR DEVICE FROM HARMFUL CONTENT

Your device may be exposed to viruses and other harmful content. Take the following precautions:

- Be cautious when opening messages. They may contain malicious software or otherwise be harmful to your device or computer.
- Be cautious when accepting connectivity requests, browsing the internet, or downloading content. Do not accept Bluetooth connections from sources you do not trust.
- Only install and use services and software from sources that you trust and that offer adequate security and protection.
- Install antivirus and other security software on your device and any connected computer. Only use one antivirus app at a time. Using more may affect performance and operation of the device and/or computer.
- If you access preinstalled bookmarks and links to third party internet sites, take the appropriate precautions. HMD Global does not endorse or assume liability for such sites.

VEHICLES

Radio signals may affect improperly installed or inadequately shielded electronic systems in vehicles. For more information, check with the manufacturer of your vehicle or its equipment. Only authorised personnel should install the device in a vehicle. Faulty installation may be dangerous and invalidate your warranty. Check regularly that all wireless device equipment in your vehicle is mounted and operating properly. Do not store or carry flammable or explosive materials in the same compartment as the device, its parts, or accessories. Do not place your device or accessories in the air bag deployment area.

POTENTIALLY EXPLOSIVE ENVIRONMENTS

Switch your device off in potentially explosive environments, such as near petrol or diesel pumps. Sparks may cause an explosion or fire resulting in injury or death. Note restrictions in areas with fuel, at chemical plants, or where blasting operations are in progress. Areas with a potentially explosive environment may not be clearly marked. These are usually areas where you are advised to switch your engine off, such as below deck on boats, chemical transfer or storage facilities, and where the air contains chemicals or particles. Check with the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) to see if this device can be safely used in their vicinity.

CERTIFICATION INFORMATION

This mobile device meets guidelines for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields), recommended by international guidelines from the independent scientific organisation, ICNIRP. These guidelines incorporate substantial safety margins that are intended to assure the protection of all persons regardless of age and health. The exposure guidelines are based on the Specific Absorption Rate (SAR), which is an expression of the amount of radio frequency (RF) power deposited in the head or body when the device is transmitting. The ICNIRP SAR limit for mobile devices is 2.0 W/kg averaged over 10 grams of tissue.

SAR tests are carried out with the device in standard operating positions, transmitting at its highest certified power level, in all its frequency bands.

This device meets RF exposure guidelines when used against the head or when positioned at least $\frac{5}{8}$ inches (1.5 centimetres) away from the body. When a carry case, belt clip, or other form of device holder is used for body-worn operation, it should not contain metal and should provide at least the above stated separation distance from the body.

To send data or messages, a good connection to the network is needed. Sending may be delayed until such a connection is available. Follow the separation distance instructions until the sending is finished.

During general use, the SAR values are usually well below the values stated above. This is because, for purposes of system efficiency and to minimise interference on the network, the operating power of your mobile device is automatically decreased when full power is not needed for the call. The lower the power output, the lower the SAR value.

Device models may have different versions and more than one value. Component and design changes may occur over time and some changes could affect SAR values.

For more information, go to www.sar-tick.com. Note that mobile devices may be transmitting even if you are not making a voice call.

The World Health Organisation (WHO) has stated that current scientific information does not indicate the need for any special precautions when using mobile devices. If you are

interested in reducing your exposure, they recommend you limit your usage or use a hands-free kit to keep the device away from your head and body. For more information and explanations and discussions on RF exposure, go to the WHO website at www.who.int/health-topics/electromagnetic-fields#tab=tab_1.

Please refer to www.hmd.com/sar for the maximum SAR value of the device.

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Use the Low blue light mode



Blue light is a colour in the visible light spectrum that can be seen by the human eye. Of all the colours that the human eye perceives (violet, indigo, blue, green, yellow, orange, red), blue has the shortest wavelength and thus produces a higher amount of energy. Since blue light passes through your eye's cornea and lens before reaching the retina, it may cause itchy and red eyes, headaches, blurred vision and poor sleep, for example. To limit and reduce blue light, the display industry has developed solutions such as the Low blue light mode. To switch on the Low blue light mode on your tablet, tap **Settings** > **Display** > **Night Light** > **Turn on**. If you need to look at your tablet's screen for a long time, take frequent breaks and relax your eyes by looking at distant objects.

Maximum transmit power

- GSM 850, 900: 35 dBm
- GSM 1800, 1900: 32 dBm
- WCDMA 1, 5, 8: 25 dBm – LTE 1, 3, 5, 7, 8, 20, 28, 38, 40, 41 (2535 - 2655 MHz) networks. Band 41 is disabled in Thailand: 25 dBm
- Bluetooth 2400-2483.5 MHz: 7.69 dBm
- WLAN 2400-2483.5 MHz: 17.04 dBm – WLAN 5150-5250: 17.15 dBm
- WLAN 5250-5350 MHz: 17.48 dBm
- WLAN 5470-5725 MHz: 17.00 dBm
- WLAN 5725-5850 MHz: 11.98 dBm

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