

# **HUAWEI MateBook X**

## **User Guide**



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# About this guide

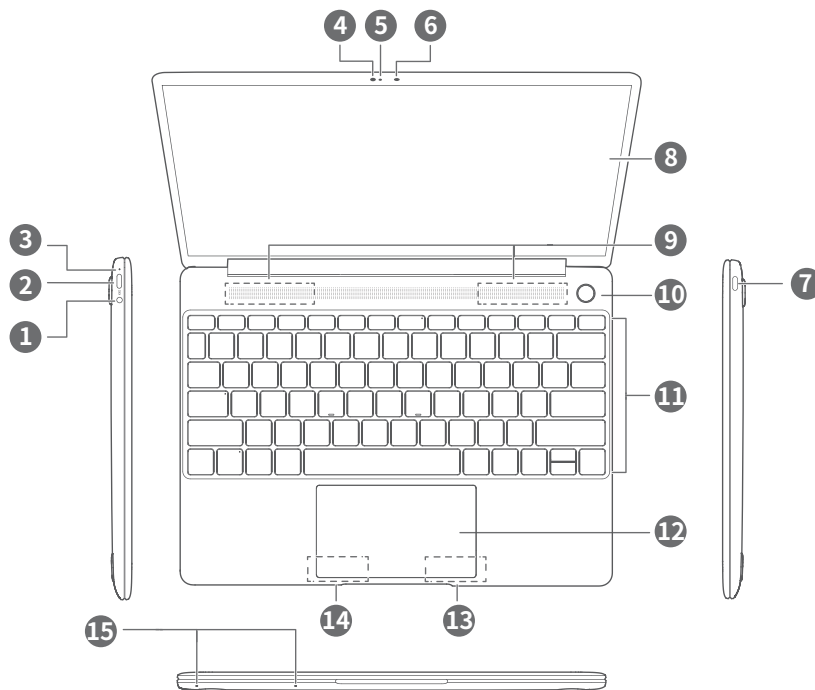
This guide was written for computers that run Windows 10. It explains how to use basic features on your computer. For more information about Windows 10 features, visit <http://www.microsoft.com> or click  >  on your computer's desktop.

Optional accessories and software mentioned in this guide may not be provided with or installed on your computer. The system environment described in this guide may differ from your actual system environment, and the interface on your computer may differ from the screenshots in this guide. Functions marked with asterisk (\*) may not be supported in certain regions.





## Symbols and definitions

	Note	Highlights important information and tips to help you perform the steps described in this guide.
	Important	Indicates potential problems, such as device damage or data loss, that may arise if proper care or attention is not given.
	Warning	Warns of potential hazards that could cause serious injury.

# Getting to know your computer



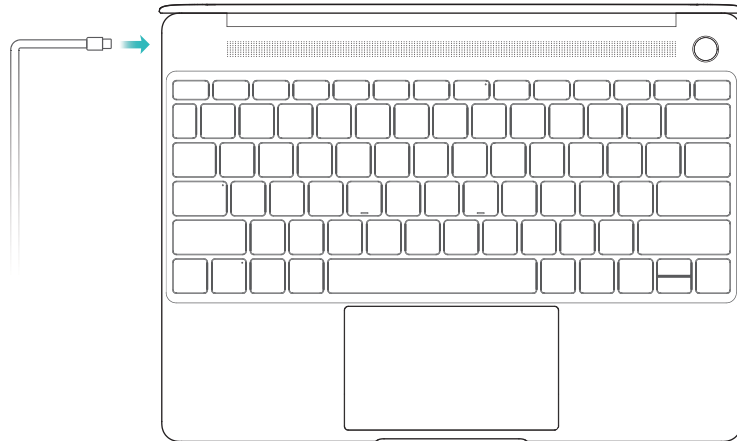
1	<b>Headset jack and microphone port</b>	Used to connect to the headset and microphone
2	<b>Charging port</b>	<ul style="list-style-type: none"> <li>• Connect a MateDock2, mobile phone, or USB flash drive to transfer files.</li> <li>• Connect the power adapter to charge your computer.</li> </ul> <p><i>i</i> The charging port cannot be used to connect display devices (such as projectors and monitors).</p>
3	<b>Charging indicator</b>	<p>Indicates the charging status.</p> <ul style="list-style-type: none"> <li>• Flashing white: Less than 90% charged</li> <li>• Constant white: At least 90% charged</li> </ul>
4	<b>Ambient light sensor (hidden)</b>	<p>Detects the ambient light level and automatically adjusts the screen brightness.</p> <p><i>i</i> Do not cover the ambient light sensor. When purchasing a screen protector, choose a screen protector with a purpose-built hole for the ambient light sensor.</p>
5	<b>Camera</b>	Front camera for taking photos or making video calls.
6	<b>Camera indicator</b>	Indicates the camera status. The indicator stays constant when the camera is on.

<b>7</b>	<b>USB Type-C port</b>	<ul style="list-style-type: none"> <li>• Connect a MateDock2, mobile phone, or USB flash drive to transfer files.</li> <li>• Connect display devices (such as projectors and monitors).</li> </ul> <p> The USB Type-C port cannot be used to charge your computer.</p>
<b>8</b>	<b>Display</b>	Displays onscreen content.
<b>9</b>	<b>Speakers</b>	The speakers play sound when a headset is not connected.
<b>10</b>	<b>Fingerprint sensor power button</b>	<p>After adding a fingerprint, press the power button with the corresponding finger to power on your computer and log in automatically.</p> <ul style="list-style-type: none"> <li>• Press to wake the screen.</li> <li>• Press to unlock the screen.</li> </ul> <p> • When you power on your computer for the first time, follow the onscreen instructions in the setup wizard to add a fingerprint. You can also add a fingerprint by touching  &gt;  on the desktop and going to the account login settings.</p> <ul style="list-style-type: none"> <li>• You can add up to 10 fingerprints for each account.</li> </ul>
<b>11</b>	<b>Keyboard</b>	Enter letters, numbers, and symbols.
<b>12</b>	<b>Touchpad</b>	Functions like a computer mouse.
<b>13</b>	<b>Right button</b>	Right mouse click.
<b>14</b>	<b>Left button</b>	Left mouse click.
<b>15</b>	<b>Microphone</b>	Use the microphone to make video or voice calls, or record sound.

# Charging your computer


## Using the power adapter

Your computer features a built-in rechargeable battery. When you connect the power adapter and USB Type-C cable provided to a power supply, the charging indicator will turn on to indicate that the battery is charging. The battery charges faster when your computer is powered off or in sleep mode.




## Safety information

Always use the power adapter and USB Type-C cable that came with your computer for charging.



 Third-party accessories may present a potential safety hazard and impair performance.


Charge your computer at room temperature in a well-ventilated area.

-  • Exposing your computer to high ambient temperatures during charging may damage the internal components.
- Charging duration may vary depending on the ambient temperature and the battery usage.
- Your computer may become warm after prolonged use or charging. If it becomes hot to the touch, disable non-essential features and disconnect the charger.

## Battery status information

The battery status is indicated by the battery icon in the status bar.



- When your computer is charging, the  icon will indicate that a charger is connected.
- To view the remaining battery percentage and battery life, move the cursor over the  icon.


-  All batteries have a limited lifespan. If you notice a significant deterioration in battery life, contact your nearest Huawei service center for a replacement. Do not attempt to replace the battery yourself.

# Powering your computer on and off

When using your computer for the first time, connect the power adapter and USB Type-C cable to charge the battery.

Press the power button to power on your computer or wake the screen.

Click  >  to power off, restart, or enter sleep mode.


 To force your computer to power off, hold down the power button for 10 seconds. All unsaved data will be lost.






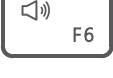


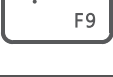



# Function keys

Use the hot keys to perform specific tasks.


You can use F1 and F2 as function keys in two ways:

- Hold down the Fn key until the Fn key indicator turns on, and then press the corresponding key. Press the Fn key again to disable the function keys.
- To use the function keys without pressing the Fn key, open MateBook Manager and configure the following settings:
  - Click  > **System Configuration** to switch function key mode and hotkey mode. You can then use the function keys without pressing the Fn key.

	Decrease the screen brightness.
	Increase the screen brightness.
	Enable or disable the keyboard backlight, and adjust the backlight brightness.
	Mute or unmute
	Decrease the volume.
	Increase the volume.
	Enable or disable the microphone.
	Enable or disable screen projection.
	Enable or disable Wi-Fi.
	Open MateBook Manager.

 The keyboard layout may vary depending on your country or region.

To use the **Home**, **Page up**, **Page down**, and **End** functions, hold down the Fn key and press the

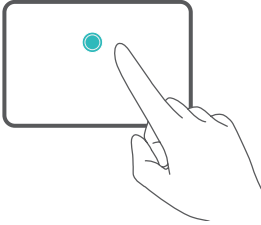
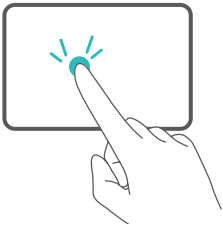
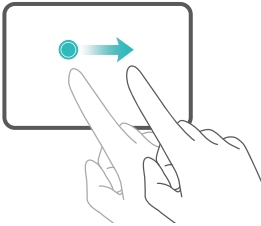
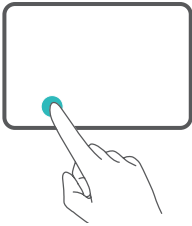
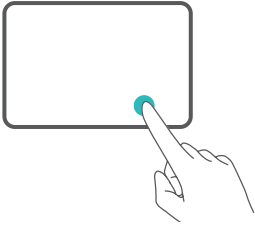
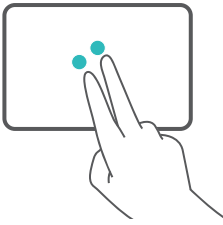
corresponding arrow key  .

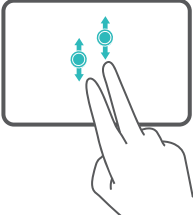

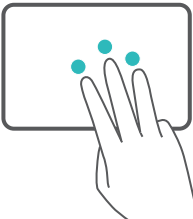
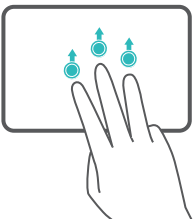
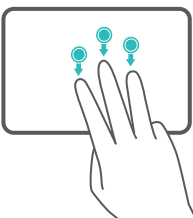
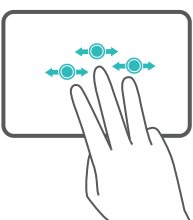
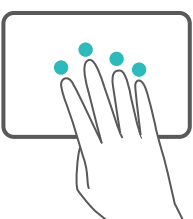
Combination	Function
Fn key + Left arrow	Home
Fn key + Up arrow	Page up
Fn key + Down arrow	Page down
Fn key + Right arrow	End

# Touchpad




The touchpad functions like a computer mouse.

The touchpad supports the following gestures:

	<b>Touch with one finger:</b> Left mouse click.
	<b>Touch twice with one finger:</b> Double mouse click.
	<b>Swipe with one finger:</b> Move the cursor across the screen.
	<b>Left button:</b> Left mouse click.
	<b>Right button:</b> Right mouse click.
	<b>Touch with two fingers:</b> Right mouse click.

	<b>Swipe up or down with two fingers:</b> Scroll up or down.
	<b>Spread or pinch two fingers:</b> Zoom in or out.
	<b>Touch with three fingers:</b> Launch search screen.
	<b>Swipe up with three fingers:</b> Display virtual desktops.
	<b>Swipe down with three fingers:</b> Hide an open application.
	<b>Swipe left or right with three fingers:</b> Select an open application.
	<b>Touch with four fingers:</b> Open the action center.


You can customize the touchpad settings to suit your personal preferences.

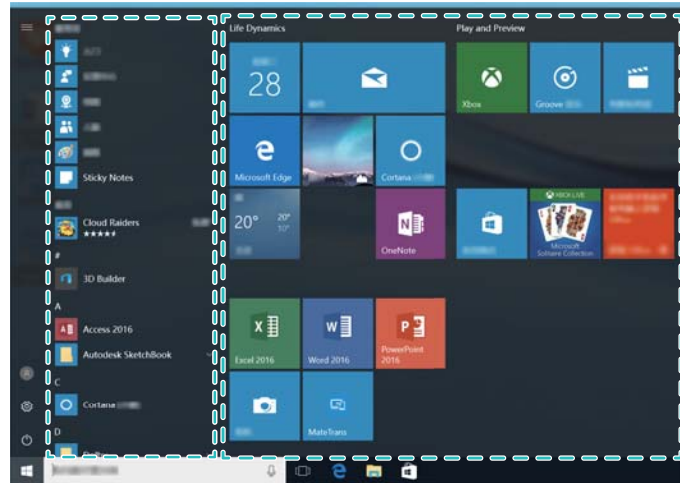
- 1 Click  >  to open the settings menu.
- 2 Click  and navigate to the touchpad settings. From there, you can:
  - Enable or disable the touchpad.
  - Choose to enable or disable the touchpad when a mouse is connected.
  - Change the touchpad scroll direction.
  - Configure touchpad gestures.




# About Windows 10

## Using the Start menu

Use the Start menu to access apps, settings, and files on your computer.

Click  in the lower-left corner of the screen to open the Start menu.



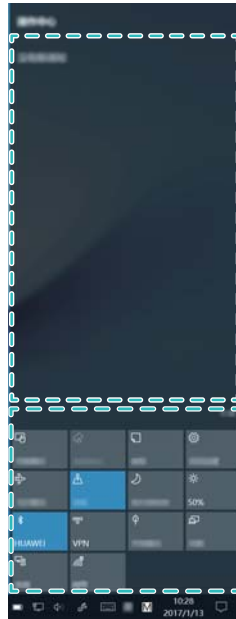
- Select  to change, lock, or log out of the current user account.
- Select  to access the system settings.
- Select  to shut down or restart your computer, or enable Sleep mode.
- App list: Swipe up or down on the screen to scroll through the app list.
- Pinned tiles: Pin your favorite apps or websites to the Start menu and organize them into groups.

## Action center


Action center displays system updates and other system notifications. It also provides quick access to enable or disable specific functions and configure the functions.

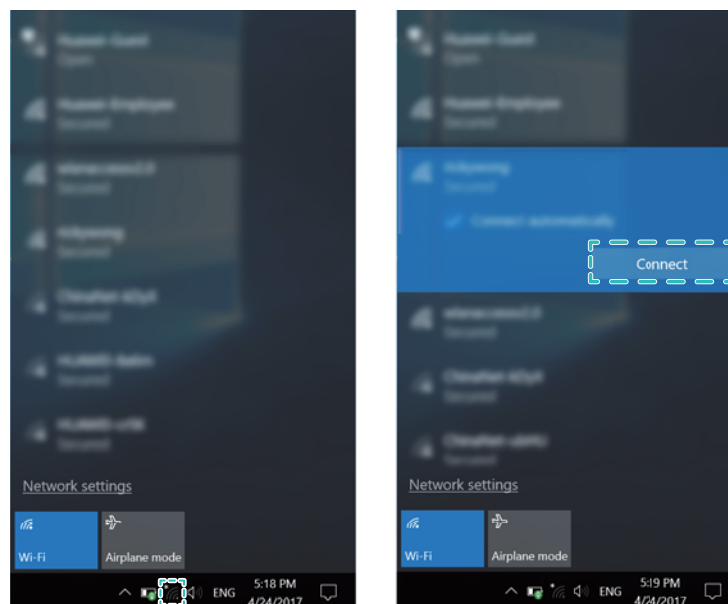
Click  in the lower-right corner of the screen, to launch the action center. You can:

- Quickly access the settings, VPN, and projector screens.
- Quickly access frequently-used settings, such as the power saving mode, airplane mode, and screen brightness.



## Connecting to Wi-Fi®

- 1** Click  in the lower-right corner of the screen to open the Wi-Fi settings screen.
- 2** Switch on the Wi-Fi. Your computer will automatically search for available Wi-Fi networks.
- 3** Select the network that you want to connect to and follow the on-screen instructions to proceed. Some Wi-Fi networks require a security key or password to connect. You can find this in your router settings, or obtain it from your Internet Service Provider (ISP) or network administrator.

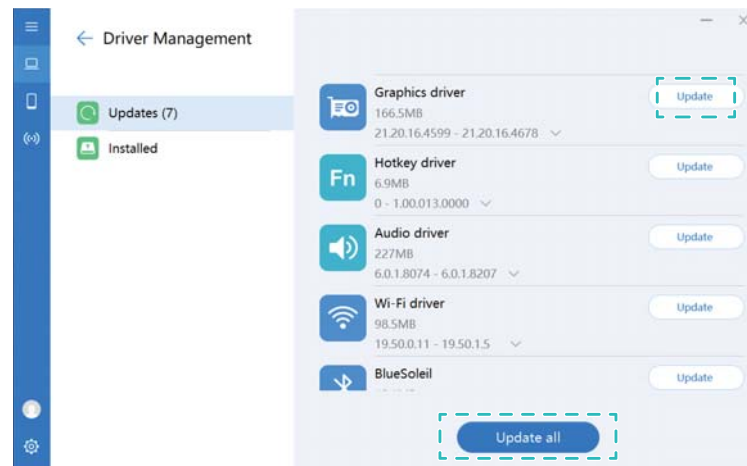


# HUAWEI MateBook Manager

## Managing drivers

MateBook Manager automatically detects system drivers and reminds you to update them for an improved user experience.

Click  > **Driver Management:**



- On the **Updates** tab, click **Update** or **Update all** to update a single driver, or all drivers.
- Open the **Installed** tab to view all drivers installed on your computer.

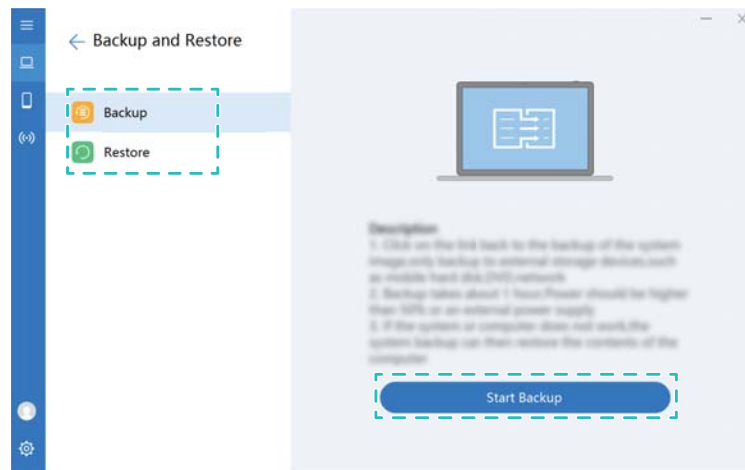
## Backing up and restoring data

If the operating system on your computer is faulty, you can restore it to a previous working state from an earlier backup.

- ⚠ • Backing up or restoring system files can take a long time. Do not switch off or restart your computer during this time.
- Ensure that your computer is plugged in to the charger while backing up or restoring system files.

Click  > **Backup and Restore:**





- On the **Backup** tab, click **Start Backup** and select a backup destination.
- On the **Restore** tab, click **Start Restore** and follow the onscreen instructions to select the system backup that you want to restore.

## Instant Online \*

Connect your computer to your phone's mobile hotspot and use mobile data to access the Internet anywhere. You can also set a data usage limit to avoid incurring charges.



- This feature is only supported on Huawei phones running EMUI 5.1 or later.
  - Your mobile phone carrier may charge you for using mobile data. To avoid incurring excessive data charges, purchase a data plan. For more information about mobile data charges, contact your carrier.
- 1 Open MateBook Manager and click . Log in to your computer and phone using the same Huawei ID. Enable Bluetooth and mobile data on your phone, and then enable Bluetooth on your computer. Your computer will automatically display nearby phones that are logged in to the same Huawei ID.
  - 2 On your computer, tap twice on your phone to connect to it. Once connected, your computer can use your phone's mobile data to access the Internet.
    - Use **Consumed** to monitor how much data you have used.
    - Use the dropdown menu under **Limited flow** to configure a limit for mobile data usage. When this limit is reached, your computer will stop using mobile data and display a notification.
    - Click **Disconnect** to disconnect your computer from the mobile hotspot.
- Functions marked with asterisk (\*) may not be supported in certain regions.

## Huawei Share \*

Use Huawei Share to quickly transfer files between two Huawei devices. Huawei Share uses Bluetooth to detect nearby Huawei devices and Wi-Fi to transfer files.

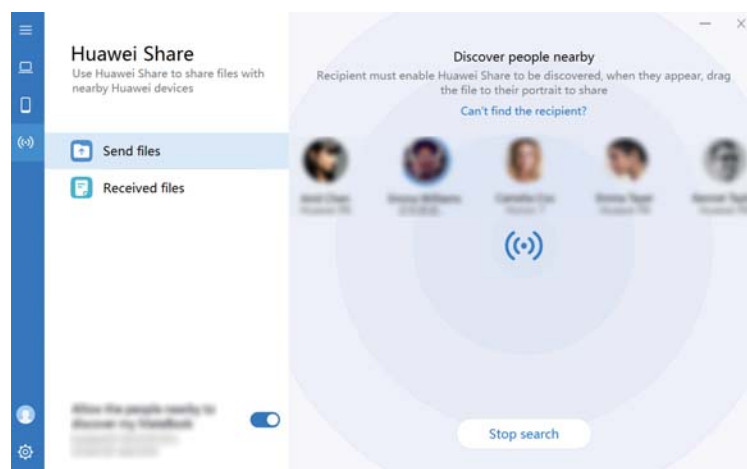
- i** Before using Huawei Share, check that this feature is supported on your Huawei device. Mobile phone devices need to use Huawei phones running EMUI 5.1 or later.


## Enabling Huawei Share

- 1 On Huawei phones, drag down from the status bar to open the notification panel. Click  and follow the onscreen instructions to enable Huawei Share.
  - 2 In MateBook Manager, click  and select **Allow the people nearby to discover my MateBook**. This allows your phone to discover your computer and connect to it automatically.
- i**
- When you enable Huawei Share, Wi-Fi or Bluetooth will be enabled automatically.
  - After you disable Wi-Fi or Bluetooth, Huawei Share will be unavailable.

## Using Huawei Share to transfer files

- 1 Right-click on the file you want to send and click **Share by Huawei Share**. Select the profile picture of the receiving device from the popup dialog box. Alternatively, drag the file onto the profile picture of the receiving device in MateBook Manager.
  - 2 A popup dialog will appear on the receiving device. Follow the onscreen instructions to accept the file transfer request.
- i** To cancel the file transfer, touch the profile picture of the receiving device.



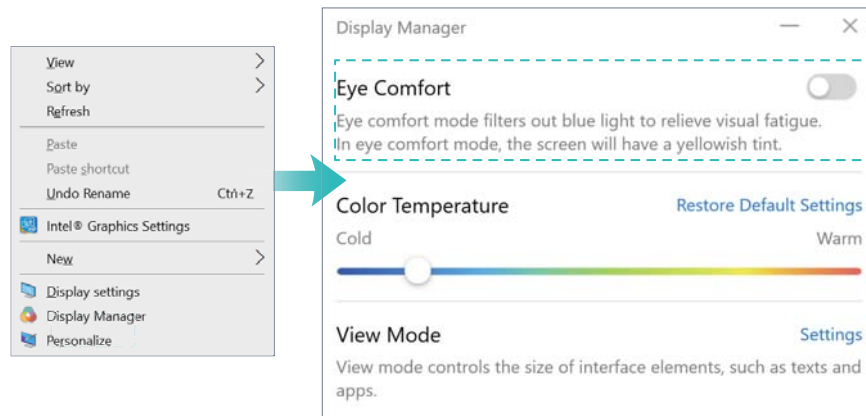
If you want to receive the files shared by other devices with your computer, click **ACCEPT** in the popup dialog to accept the file transfer request. To view or change the storage path for received files, click .

- i** Functions marked with asterisk (\*) may not be supported in certain regions.

# Eye protection mode

When reading text on your computer, enable eye protection mode to reduce blue light output and prevent eye strain and fatigue.



Right click on a blank part of the desktop to open the display management screen, and enable eye protection mode.



- i Eye protection mode reduces the amount of blue light emitted from the screen, which may give the screen a slightly yellow hue.

# Restoring your computer to the factory settings \*


You can use the system recovery screen to quickly restore your computer to the factory settings.

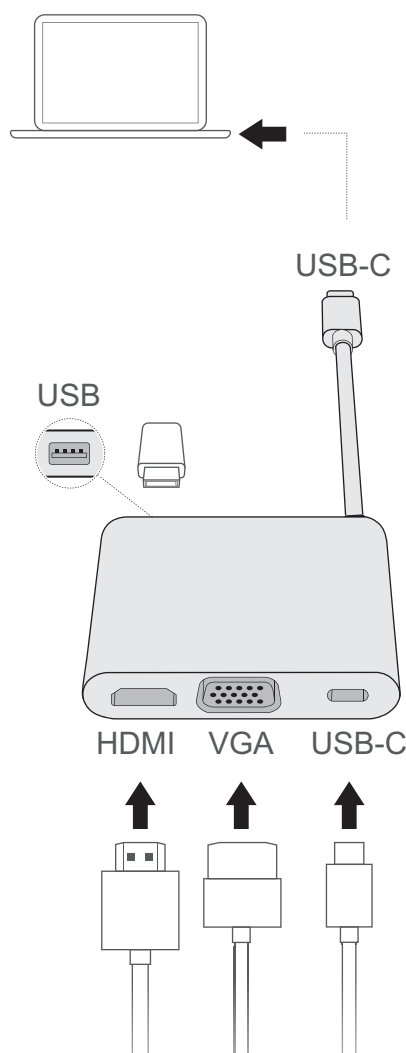
-  Before restoring the factory settings, back up all files on the Drive C and connect your computer to the charger.
- 1** Hold down the F10 button when powering on your computer to access the factory settings screen.
- 2** Follow the onscreen instructions to restore your computer to the factory settings.
-  Functions marked with asterisk (\*) may not be supported in certain regions.

# HUAWEI MateDock 2

## Getting to know your HUAWEI MateDock 2

Use the MateDock 2 to connect your computer to various external devices, including projectors, TVs, and USB flash drives.

 The MateDock 2 is an optional accessory and is sold separately.

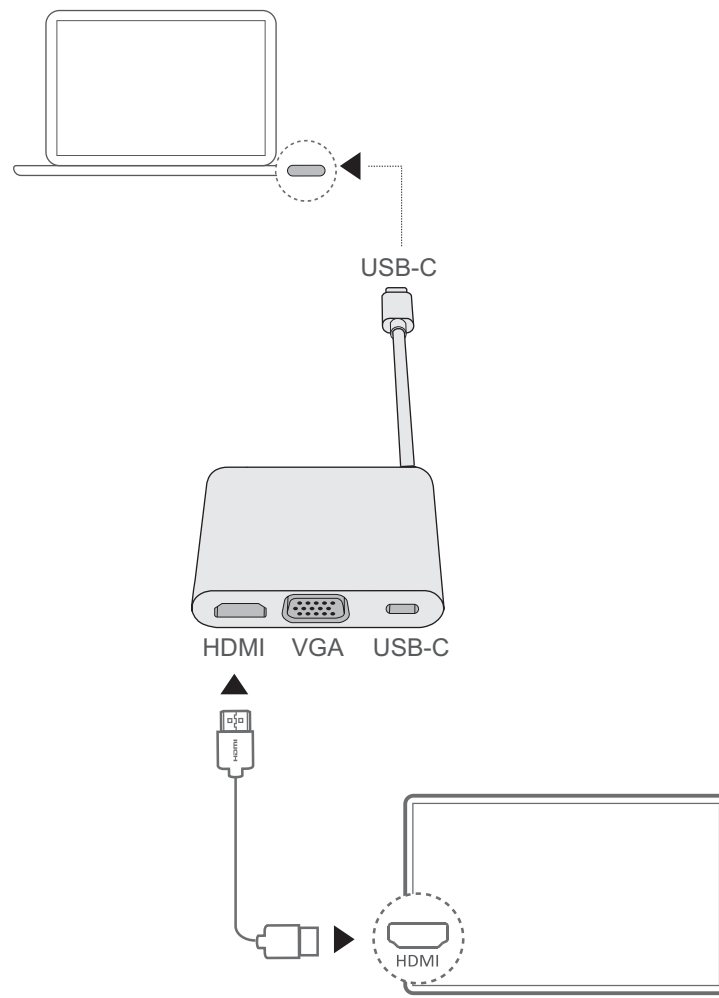




USB-C plug	Insert the cable into the USB Type-C port on your computer.
USB port	Connect USB peripherals, such as a USB mouse, keyboard, storage device, or network adapter.
HDMI port	Connect an HDMI display device, such as a TV.
VGA port	Connect a VGA display device, such as a monitor.
USB Type-C port	Connect the power adapter to charge your computer. Connect USB Type-C peripherals.

## Connecting to a TV, monitor, or projector

When watching movies or giving a presentation, connect your computer to an external display device such as a TV, monitor, or projector for a better viewing experience.

- i You will need an HDMI or VGA cable (not included) to connect your MateDock 2 to an external display device. Check the device to see which video interface it supports.



- 1** Follow the figures to connect the MateDock 2 to an external display device.
- 2** Connect your external display device to a power supply and turn it on.
- 3** Click  in the lower-right corner of the screen, to launch the action center.
- 4** Click  to select the projection method.
  - **PC screen only:** Only displays the desktop on your computer. The external display device will show a blank screen.
  - **Duplicate:** Simultaneously displays the desktop on your computer and the external display device.

- **Extend:** Splits the desktop between your computer and the external display device. You can move windows between the two screens.
- **Second screen only:** Only displays the desktop on the external display device. Your computer will display a blank screen.




## Connecting a USB mouse, printer, or other peripheral device

Use the USB-C port on your computer to connect a USB mouse, printer, scanner, smartphone, hard drive, or other peripheral device.

### Connecting a USB device

- 1 Plug the USB cable into the USB-C port on your MateDock 2.
- 2 If the USB device requires a power supply, plug it in before powering it on.
- 3 The first time you connect a new USB device, your computer will automatically install any drivers that are required.

### Viewing connected devices on your computer

- 1 Click  in the lower-left corner of the screen to open the Start menu.
- 2 Click  > . You can view connected USB devices under connected devices.

# Appendix

## Safety information

This section contains important information about the operation of your device. It also contains information about how to use the device safely. Read this information carefully before using your device.

### Electronic device

Do not use your device if using the device is prohibited. Do not use the device if doing so causes danger or interference with other electronic devices.

### Interference with medical equipment

- Follow rules and regulations set forth by hospitals and health care facilities. Do not use your device where prohibited.
- Some wireless devices may affect the performance of hearing aids or pacemakers. Consult your service provider for more information.
- Pacemaker manufacturers recommend that a minimum distance of 15 cm be maintained between a device and a pacemaker to prevent potential interference with the pacemaker. If using a pacemaker, hold the device on the side opposite the pacemaker and do not carry the device in your front pocket.

### Protecting your hearing when using a headset



- To prevent possible hearing damage, do not listen at high volume levels for long periods.
- Using a headset at high volumes may damage your hearing. To reduce this risk, lower the headset volume to a safe and comfortable level.
- Exposure to high volumes while driving may cause distraction and increase your risk of an accident.

### Areas with flammables and explosives

- Do not use the device where flammables or explosives are stored (in a gas station, oil depot, or chemical plant, for example). Using your device in these environments increases the risk of explosion or fire. In addition, follow the instructions indicated in text or symbols.
- Do not store or transport the device in containers with flammable liquids, gases, or explosives.

### Traffic security

- Observe local laws and regulations while using the device. To reduce the risk of accidents, do not use your wireless device while driving.
- Concentrate on driving. Your first responsibility is to drive safely.
- RF signals may affect the electronic systems of motor vehicles. For more information, consult the vehicle manufacturer.



- Do not place the device over the air bag or in the air bag deployment area in a motor vehicle. Doing so may hurt you because of the strong force when the air bag inflates.
- Wireless devices may interfere with the airplane's flight system. Do not use your device where wireless devices are not allowed according to the airplane company's regulations.

### **Operating environment**

- Avoid dusty, damp, or dirty environments. Avoid magnetic fields. Using the device in these environments may result in circuit malfunctions.
- Do not use your device during thunderstorms to protect your device against any danger caused by lightning.
- Ideal operating temperatures are 0 °C to 35 °C. Ideal storage temperatures are –10 °C to +45 °C. Extreme heat or cold may damage your device or accessories.
- Do not expose your device to direct sunlight (such as on a car dashboard) for prolonged periods.
- To protect your device or accessories from fire or electrical shock hazards, avoid rain and moisture.
- Keep the device away from sources of heat and fire, such as a heater, microwave oven, stove, water heater, radiator, or candle.
- Do not place sharp metal objects, such as pins, near the earpiece or speaker. The earpiece may attract these objects and result in injury.
- Stop using your device or applications for a while if the device is overheated. If skin is exposed to an overheated device for an extended period, low temperature burn symptoms, such as red spots and darker pigmentation, may occur.
- Do not touch the device's antenna. Otherwise, communication quality may be reduced.
- Do not allow children or pets to bite or suck the device or accessories. Doing so may result in damage or explosion.
- Observe local laws and regulations, and respect the privacy and legal rights of others.

### **Child's safety**

- Comply with all precautions with regard to child's safety. Letting children play with the device or its accessories may be dangerous. The device includes detachable parts that may present a choking hazard. Keep away from children.
- The device and its accessories are not intended for use by children. Children should only use the device with adult supervision.

### **Accessories**

- Using an unapproved or incompatible power adapter, charger or battery may cause fire, explosion or other hazards.
- Choose only accessories approved for use with this model by the device manufacturer. The use of any other types of accessories may void the warranty, may violate local regulations and laws, and may be dangerous. Please contact your retailer for information about the availability of approved accessories in your area.

**Charger safety**

- For pluggable devices, the socket-outlet shall be installed near the devices and shall be easily accessible.
- Unplug the charger from electrical outlets and the device when not in use.
- Do not drop or cause an impact to the charger.
- If the power cable is damaged (for example, the cord is exposed or broken), or the plug loosens, stop using it at once. Continued use may lead to electric shocks, short circuits, or fire.
- Do not touch the power cord with wet hands or pull the power cord to disconnect the charger.
- Do not touch the device or the charger with wet hands. Doing so may lead to short circuits, malfunctions, or electric shocks.
- If your charger has been exposed to water, other liquids, or excessive moisture, take it to an authorized service center for inspection.
- Ensure that the charger meets the requirements of Clause 2.5 in IEC60950-1/EN60950-1/UL60950-1 and has been tested and approved according to national or local standards.
- Connect the device only to products with the USB-IF logo or with USB-IF compliance program completion.

**Battery safety**

- Do not connect battery poles with conductors, such as keys, jewelry, or other metal materials. Doing so may short-circuit the battery and cause injuries or burns.
- Keep the battery away from excessive heat and direct sunlight. Do not place it on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode if overheated.
- Do not attempt to modify or remanufacture the battery, insert foreign objects into it, or immerse or expose it to water or other liquids. Doing so may lead to fire, explosion, or other hazards.
- If the battery leaks, ensure that the electrolyte does not make direct contact with your skins or eyes. If the electrolyte touches your skins or splashes into your eyes, immediately flush with clean water and consult a doctor.
- In case of battery deformation, color change, or overheating while charging or storing, immediately stop using the device and remove the battery. Continued use may lead to battery leakage, fire, or explosion.
- Do not put batteries in fire as they may explode. Damaged batteries may also explode.
- Dispose of used batteries in accordance with local regulations. Improper battery use may lead to fire, explosion, or other hazards.
- Do not allow children or pets to bite or suck the battery. Doing so may result in damage or explosion.
- Do not smash or pierce the battery, or expose it to high external pressure. Doing so may lead to a short circuit or overheating.
- Do not drop the device or battery. If the device or battery is dropped, especially on a hard surface, it may be damaged.
- If the device standby time shortens significantly, replace the battery.

- The device has a built-in, non-removable battery. Do not attempt to remove the battery, otherwise the device may be damaged. To replace the battery, take the device to an authorized service center.
- Use the battery only with a charging system that is IEEE-Std-1725 standard qualified. The use of an unqualified battery or charger may lead to fire, explosion, leakage, or other hazards.
- Replace the battery only with an IEEE-Std-1725 standard qualified battery. The use of an unqualified battery may lead to fire, explosion, leakage, or other hazards.
- Do not disassemble or open, crush, bend or deform, puncture or shred the battery. Otherwise, it may lead to electrolyte leakage, overheating, fire, or explosion.
- Do not solder battery poles or dismantle the battery. Doing so may lead to electrolyte leakage, excessive heat, fire, or explosion.

### **Cleaning and maintenance**

- Keep the device and accessories dry. Do not attempt to dry it with an external heat source, such as a microwave oven or hair dryer.
- Do not expose your device or accessories to extreme heat or cold. These environments may interfere with proper function and may lead to fire or explosion.
- Avoid collision, which may lead to device malfunctions, overheating, fire, or explosion.
- Before you clean or maintain the device, stop using it, stop all applications, and disconnect all cables connected to it.
- Do not use any chemical detergent, powder, or other chemical agents (such as alcohol and benzene) to clean the device or accessories. These substances may cause damage to parts or present a fire hazard. Use a clean, soft, and dry cloth to clean the device and accessories.
- Do not place magnetic stripe cards, such as credit cards and phone cards, near the device for extended periods of time. Otherwise the magnetic stripe cards may be damaged.
- Do not dismantle or remanufacture the device and its accessories. This voids the warranty and releases the manufacturer from liability for damage. In case of damage, contact an authorized service center for assistance or repair.
- If the device screen is broken in a collision, immediately stop using the device. Do not touch or attempt to remove the broken parts. Promptly contact an authorized service center.

### **Environmental protection**

- The device and its accessories (if included), such as the power adapter, headset, and battery should not be disposed of with household garbage.
- Disposal of the device and its accessories is subject to local regulations. Support proper collection and recycling.

### **Disposal and recycling information**



The crossed-out wheeled-bin symbol on your product, battery, literature or packaging reminds you that all electronic products and batteries must be taken to separate waste collection points at the end

of their working lives; they must not be disposed of in the normal waste stream with household garbage. It is the responsibility of the user to dispose of the equipment using a designated collection point or service for separate recycling of waste electrical and electronic equipment (WEEE) and batteries according to local laws.

Proper collection and recycling of your equipment helps ensure electrical and electronic equipment (EEE) waste is recycled in a manner that conserves valuable materials and protects human health and the environment, improper handling, accidental breakage, damage, and/or improper recycling at the end of its life may be harmful for health and environment. For more information about where and how to drop off your EEE waste, please contact your local authorities, retailer or household waste disposal service or visit the website <http://consumer.huawei.com/en/>.

### **Reduction of hazardous substances**

This device and any electrical accessories are compliant with local applicable rules on the restriction of the use of certain hazardous substances in electrical and electronic equipment, such as EU REACH, RoHS and Batteries (where included) regulations, etc. For declarations of conformity about REACH and RoHS, please visit our web site <http://consumer.huawei.com/certification>.

### **EU regulatory conformance**

#### **Body worn operation**

The device complies with RF specifications when used at a distance of 0.0 cm from your body. Ensure that the device accessories, such as a device case and device holster, are not composed of metal components. Keep the device away from your body to meet the distance requirement.

#### **Certification information (SAR)**

This device meets guidelines for exposure to radio waves.

Your device is a low-power radio transmitter and receiver. As recommended by international guidelines, the device is designed not to exceed the limits for exposure to radio waves. These guidelines were developed by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), an independent scientific organization, and include safety measures designed to ensure the safety of all users, regardless of age and health.

The Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a device. The SAR value is determined at the highest certified power level in laboratory conditions, but the actual SAR level during operation can be well below the value. This is because the device is designed to use the minimum power required to reach the network.

The SAR limit adopted by Europe is 2.0 W/kg averaged over 10 grams of tissue, and the highest SAR value for this device complies with this limit.

The highest SAR value reported for this device type when tested in portable exposure conditions is 0.32 W/kg.

### **Statement**

Hereby, Huawei Technologies Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

The most recent and valid version of the DoC (Declaration of Conformity) can be viewed at <http://consumer.huawei.com/certification>.

This device may be operated in all member states of the EU.

Observe national and local regulations where the device is used.

This device may be restricted for use, depending on the local network.

### **Restrictions in the 2.4 GHz band:**

**Norway:** This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund.

### **Restrictions in the 5 GHz band:**

According to Article 10 (10) of Directive 2014/53/EU, the packaging shows that this radio equipment will be subject to some restrictions when placed on the market in Belgium (BE), Bulgaria (BG), the Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE), the United Kingdom (UK), Turkey (TR), Norway (NO), Switzerland (CH), Iceland (IS), and Liechtenstein (LI).

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

### **Frequency Bands and Power**

(a) Frequency bands in which the radio equipment operates: Some bands may not be available in all countries or all areas. Please contact the local carrier for more details.

(b) Maximum radio-frequency power transmitted in the frequency bands in which the radio equipment operates: The maximum power for all bands is less than the highest limit value specified in the related Harmonized Standard.

The frequency bands and transmitting power (radiated and/or conducted) nominal limits applicable to this radio equipment are as follows: Wi-Fi 2.4G: 20 dBm Bluetooth: 20 dBm Wi-Fi 5G: 5150-5350: 23 dBm, 5470-5725: 30dBm.

### **Accessories and Software Information**

Some accessories are optional in certain countries or regions. Optional accessories can be purchased from a licensed vendor as required. The following accessories are recommended:

Adapters: HW-200200XP0 (X represents the different plug types used, which can be either C, U, J, E, B, A, I, R, Z or K, depending on your region)

Batteries: HB54A9Q3ECW

The product software version is 19.45. Software updates will be released by the manufacturer to fix bugs or enhance functions after the product has been released. All software versions released by the manufacturer have been verified and are still compliant with the related rules.

All RF parameters (for example, frequency range and output power) are not accessible to the user, and cannot be changed by the user.

For the most recent information about accessories and software, please see the DoC (Declaration of Conformity) at <http://consumer.huawei.com/certification>.

## **FCC Regulatory Compliance**

### **Body worn operation**

The device complies with RF specifications when used at a distance of 0.0 cm from your body. Ensure that the device accessories, such as a device case and device holster, are not composed of metal components. Keep the device away from your body to meet the distance requirement.

### **Certification information (SAR)**

This device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA).

The SAR limit adopted by the USA is 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported to the FCC for this device type complies with this limit.

The highest SAR value reported to the FCC for this device type when using in portable exposure conditions is 1.07 W/kg.

### **FCC statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Caution:** Any changes or modifications to this device not expressly approved by Huawei Technologies Co., Ltd. for compliance could void the user's authority to operate the equipment.

### **Restrictions in the 5 GHz band:**

Within the 5.15 to 5.25 GHz band, UNII devices will be restricted to indoor operations to reduce any potential for harmful interference to co-channel Mobile Satellite System (MSS) operations.

## **Personal Information and Data Security**

The use of some functions or third-party applications on your device could result in your personal information and data being lost or becoming accessible to others. Use the following measures to help you protect your personal information:

- Put your device in a safe place to prevent unauthorized use.
- Set your device screen to lock and set a password or unlock pattern.
- Periodically back up personal information stored on your memory card, or your device memory. If you change to a different device, be sure to move or delete any personal information on your old device.
- Do not open messages or emails from strangers to prevent your device from becoming infected with a virus.
- When using your device to browse the Internet, do not visit websites that might pose a security risk to avoid your personal information from being stolen.
- If you use services such as the portable Wi-Fi hotspot or Bluetooth, set passwords for these services to prevent unauthorized access. Turn these services off when they are not in use.
- Install device security software and regularly scan for viruses.
- Be sure to obtain third-party applications from a legitimate source. Downloaded third-party applications should be scanned for viruses.
- Install security software or patches released by Huawei or authorized third-party application providers.
- Using unauthorized third-party software to update your device may damage your device or put your personal information at risk. It is recommended that you update through your device's online update feature or download official update packages for your device model from Huawei.
- Some applications require and transmit location information. As a result, a third-party may be able to share your location information.
- Some third-party application providers may collect detection and diagnostic information on your device to improve their products and services.

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## Notice

Some features of the product and its accessories described herein rely on the software installed, capacities and settings of local network, and therefore may not be activated or may be limited by local network operators or network service providers.

Thus, the descriptions herein may not exactly match the product or its accessories which you purchase.

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## **Import and Export Regulations**

Customers shall comply with all applicable export or import laws and regulations and be responsible to obtain all necessary governmental permits and licenses in order to export, re-export or import the product mentioned in this manual including the software and technical data therein.

## **Privacy Policy**

To better understand how we protect your personal information, please see the privacy policy at <http://consumer.huawei.com/privacy-policy>.

## **ENERGY STAR® model information**



ENERGY STAR is a U.S. Environmental Protection Agency voluntary program that helps businesses and individuals save money and protect our climate through superior energy efficiency. For information related to ENERGY STAR, please visit the website [www.energystar.gov](http://www.energystar.gov).

The following machine types have been designed and tested to conform to the ENERGY STAR program requirement for computers at the time of manufacture.

Model: WT-W09 , WT-W19

Huawei has preset the following power-management features to take effect when your device has been inactive for a specified duration:

### **List of power management settings**

Power plan

Balanced (When plugged in):

- Turn off display: After 5 minutes
- Put the computer to sleep: After 6 minutes

Advanced power settings (When plugged in):

- Turn off hard disk drives: After 20 minutes
- Hibernate: After 180 minutes

To awaken your computer device from sleep mode, press any key on the keyboard.

To change power settings, follow these steps:

- 1** Right-click on Start to open Power Options.
- 2** Follow the on-screen instructions.

This guide is for reference only. The actual product, including but not limited to the color, size, and screen layout, may vary. All statements, information, and recommendations in this guide do not constitute a warranty of any kind, express or implied.