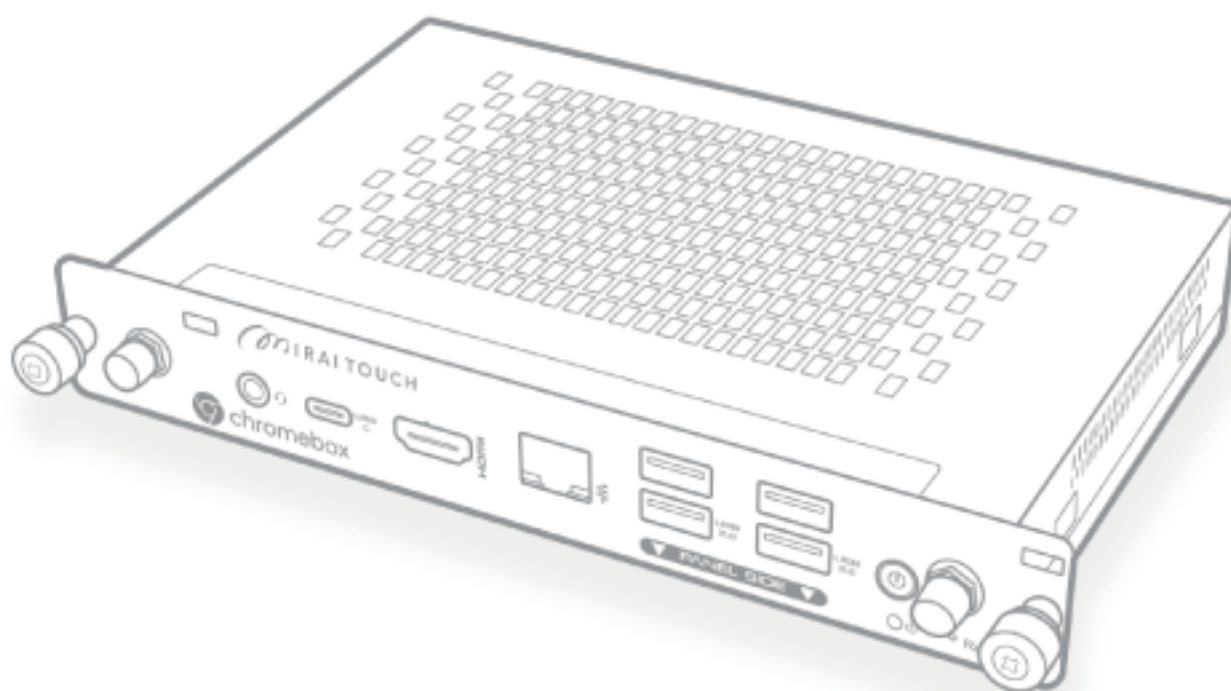




Chromebox

User's manual



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SECURITY

When using this Chromebox, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- Do not place the unit on an uneven or unstable surface.
- Do not use this device near water.
- Do not spill water or other liquids on the unit.
- The appliance may produce some heat during normal operation. If you notice that the appliance is too hot, avoid prolonged contact with exposed skin, as this may cause discomfort or even burns.
- Clean only with a soft cloth. If necessary, slightly dampen the cloth before cleaning. Never use abrasive products or cleaning solutions.
- Always unplug the unit from the electrical outlet and turn it off before cleaning.
- **Refer all servicing to qualified personnel. Repair is necessary when the unit has been damaged in any way, for example:**
 - » The coupling connector is damaged.
 - » Liquid has been spilled into the unit.
 - » The device has been exposed to rain or moisture.
 - » The device does not work normally.
 - » The device has been dropped or the chassis is damaged.

Technical conditions of acceptability

- The following envelopes are required for the final product: Fire
- The final product must evaluate all likely positions of the equipment orientation during installation and take into account the opening requirements.

Battery warnings

nOTICE!

- *Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions. Leaving a battery in an environment with extremely high temperatures may cause an explosion or leakage of flammable liquids or gases.*
- *A battery subjected to extremely low air pressure may cause an explosion or leakage of flammable liquid or gas.*

Products incorporating button or coin batteries

The instructions and manuals, if provided, shall include all applicable markings in figures "Packing Marking - Warning: Contains button cell battery" or "Packing Marking - Ingestion Hazard Warning" and the statements listed below. If instructions and manuals are not provided, the statements shall appear on the primary display panel or secondary display panel of the consumer product packaging or, if there is no consumer product packaging, on the accompanying hangtag or sticker.

- a) *The statement "Remove and immediately recycle or dispose of used batteries according to local regulations and keep them out of the reach of children. DO NOT dispose of batteries in household waste or incinerate them:".*
- b) *The statement "Even used batteries can cause serious injury or death:".*
- (c) *The phrase "Call a local poison control center for treatment information:".*
- d) *A statement indicating the type of ML 1220 compatible battery.*
- e) *The nominal voltage of the battery is 3V.*
- f) *The statement "Non-rechargeable batteries should not be recharged:".*
- g) *The statement "Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Failure to do so could result in injury due to venting, leakage or explosion causing chemical burns:".*

SECURITY

Marking on packaging - Warning: Contains button cell battery

⚠ WARNING	
• INGESTION HAZARD: This product contains a button or coin cell battery. • Ingestion may result in DEATH or serious injury. • Ingestion of a button or coin cell battery can cause internal chemical burns in as little as 2 hours. • KEEP new and used batteries out of the reach of children • Seek medical attention immediately if you suspect that a battery has been swallowed or inserted into any part of the body.	

Container marking - Ingestion hazard warning

⚠ WARNING	
• INGESTION HAZARD: This product contains a coin or button cell battery. • Ingestion may result in DEATH or serious injury. • Ingestion of a button or coin cell battery can cause internal chemical burns in as little as 2 hours. • KEEP new and used batteries out of the reach of children • Seek medical attention immediately if you suspect that a battery has been swallowed or inserted into any part of the body.	

The product contains one non-replaceable coin/button cell battery ML 1220.

COPYRIGHT

Wi-Fi and the Wi-Fi CERTIFIED logo are registered trademarks of the Wireless Fidelity Alliance.

All products used in this device and trademarks mentioned herein are trademarks or registered trademarks of their respective owners.

copyright 2024

STATUTORY DECLARATION

Statement of the Federal Communications Commission (FCC)

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 that may cause undesired operation.
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

more of the following measures:

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

FCC RF Radiation Exposure Statement



This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment must be installed and used with a minimum distance of 20 cm between the radiator and its body.

This transmitter must not be co-located or operated with any other antenna or transmitter.

This equipment complies with FCC exposure limits established for an uncontrolled environment. This equipment must be installed and operated with a minimum distance of 20 cm between the radiator and your body.

This receiver must not be placed or used with another antenna or other receiver.

EU and UKCA regulatory compliance and documentation



Compliance with EU regulations

Satsuki Co., Ltd. hereby declares that this device is in compliance with the following Directive: RED 2014/53/EU, RoHS 2011/65/EU, ErP 2009/125/EC.

Compliance with UK regulations

Satsuki Co., Ltd. hereby declares that this device complies with the following regulations: the Radio Equipment Regulations 2017, the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, the Ecodesign of Energy Related Products Regulations 2010.

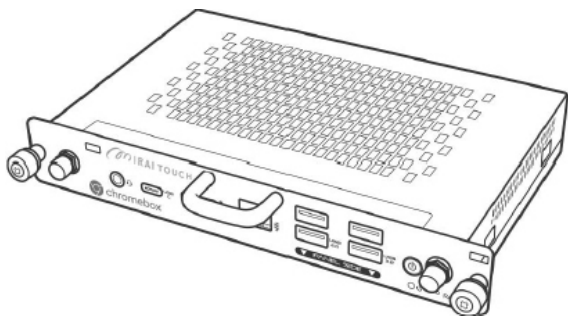
EU and UKCA regulatory compliance and documentation

This Satsuki Co., Ltd. product, with the included parts (cables, cords, etc.) complies with the requirements of Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

PRODUCT OVERVIEW

Package contents

Check if all the necessary items are included in the package. If anything is missing or damaged, contact your distributor immediately.

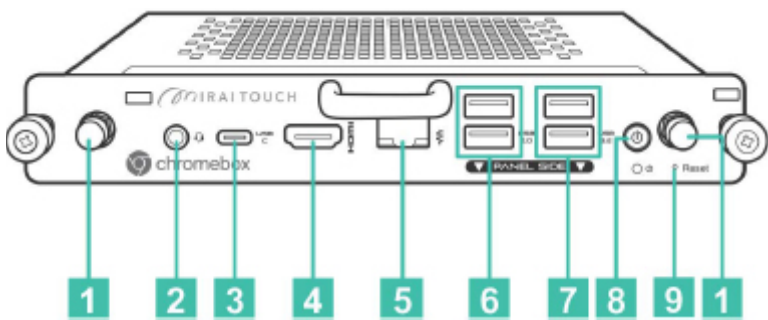


Chromebox



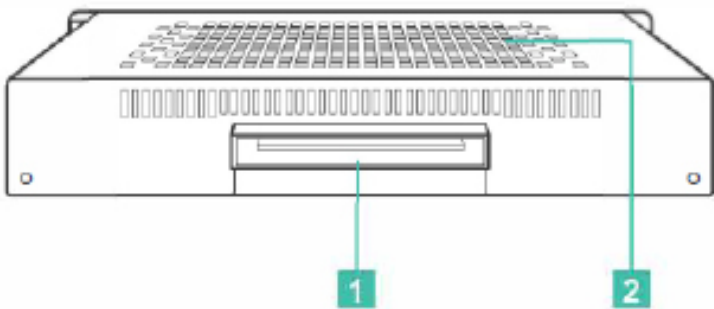
Antennas x2

Front view



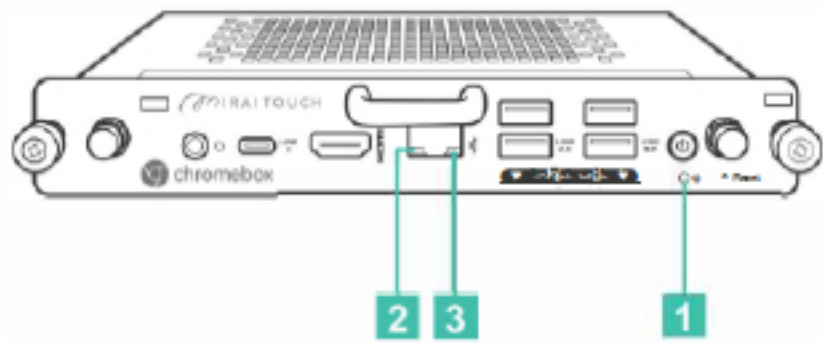
No.	Description	No.	Description
1	Antenna port	6	(2) USB-A 2.0 ports
2	Audio jack (3.5 mm)	7	(2) USB-A 3.2 ports
3	USBType-C port	8	Power button
4	HDMI 2.0 ports	9	Reset hole
5	LAN port		

Rear view



No.	Description	No.	Description
1	Docking connector	2	Thermal output

Status indicators



No.	Indicator	Color	State	Description
1	Power button	Blue	Ignition	Chromebox is turned on.
			Shutdown	Chromebox is turned off.
			Intermittent	Chromebox is suspended.
2	LAN port	White	Intermittent	Activity in the link.
Shutdown			There is no activity on the link.	
3		Orange	Ignition	Active link connection.
			Shutdown	There is no link connection.

Specifications

Article	Description
System	
Platform	Chromebox Alder Lake-UI 5 or Raptor Lake-UI 5Processor type
Processor type	CPU Intel Core i3-1315U 1.20G 10 MB 6C 1 SW (Raptor Lake-UI 5)
Graphics	- Intel® UHD Graphics - Intel Iris Xe graphics: with shared video memory
Integrated audio	HD Audio
RAM memory	SODIMM module (DDR4-3200) DDR-4
	8GB
Storage	256 GB SSD
Operating system	ChromeOS
Connectors	
Front	- Combo Jack - USB 3.2 Gen1 (SGBps) x2 - USB 2.0 x2 - USB Type-C (without plug-in power support) - RJ45 with LED for Gigabit LAN - HDMI 2.0 - Recover button - Antennas x2 - LED power indicator - Handlebar
Rear	Docking connector to connect to the TV set
Dimensions	
L X W X H (mm)	200 X 119 X 30 mm
Wireless and networks	
LAN support	Gigabit Ethernet up to 10/100/1 000M GbE speed
Compatibility with WLAN and Bluetooth	M.2 2230 Intel Wifi6E + BT 5.2 Garfield Peak 2 AX211 no vPro
Energy source	
Chromebox monitor power supply.	

NOTE: Chromebox does not support hot-swapping.

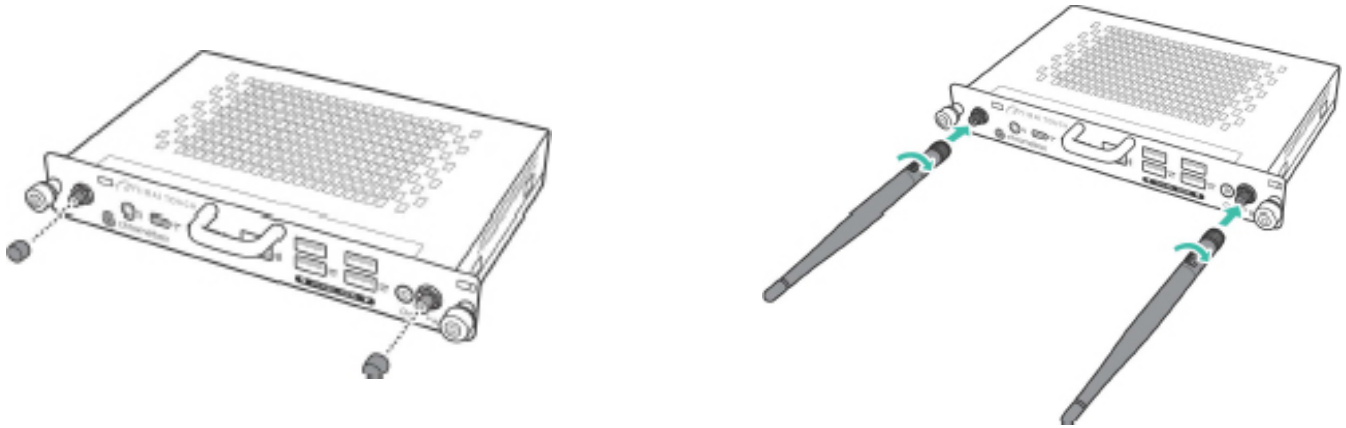
HOW TO START

Antenna connection

For wireless connectivity, attach two antennas to the front of the Chrome box.

1. Remove the rubber caps from the antenna connectors.

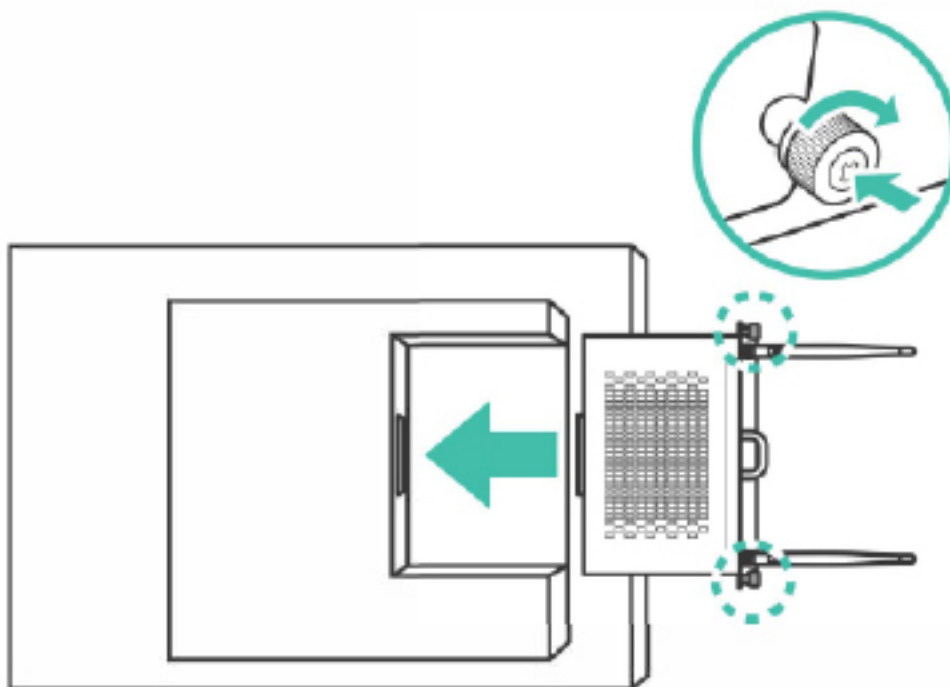
2. Tighten the antennas firmly to the connectors.



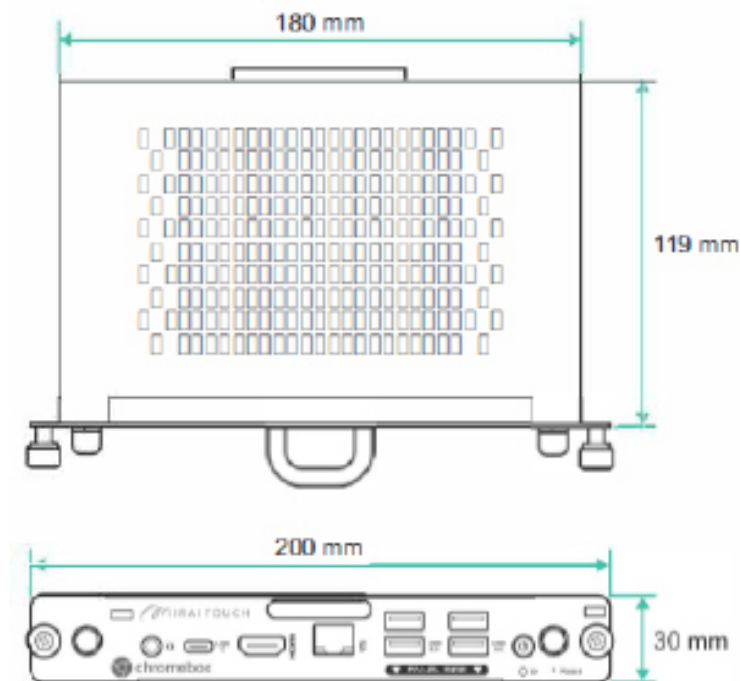
Mounting the Chromebox

1. Insert the Chrome box into the OPS slot of your pen display. Push the module firmly until it is flush with the surface of the slot.

2. Attach the Chromebox to the TV by tightening the thumbscrews.



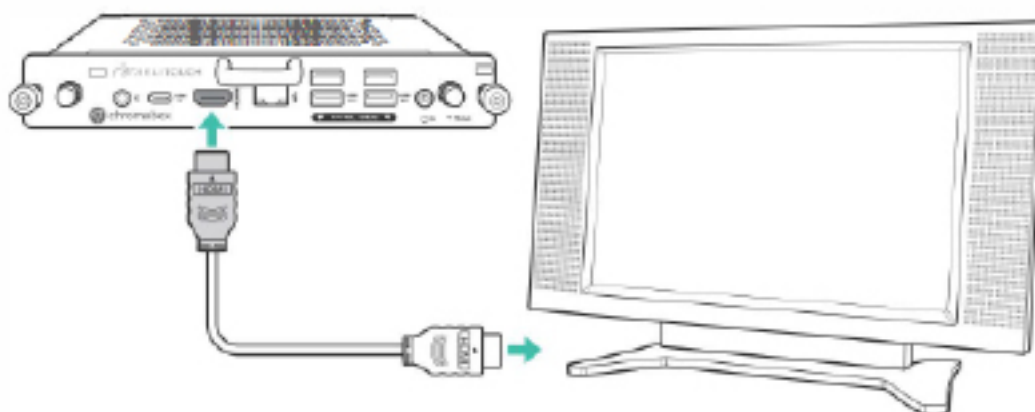
Chromebox dimensions



Connecting a display device

To establish the connection, you must use an HDMI cable (not supplied).

1. Connect one end of the HDMI cable to the HDMI port on your Chromebox.
2. Connect the other end of the HDMI cable to the HDMI port on your display device.



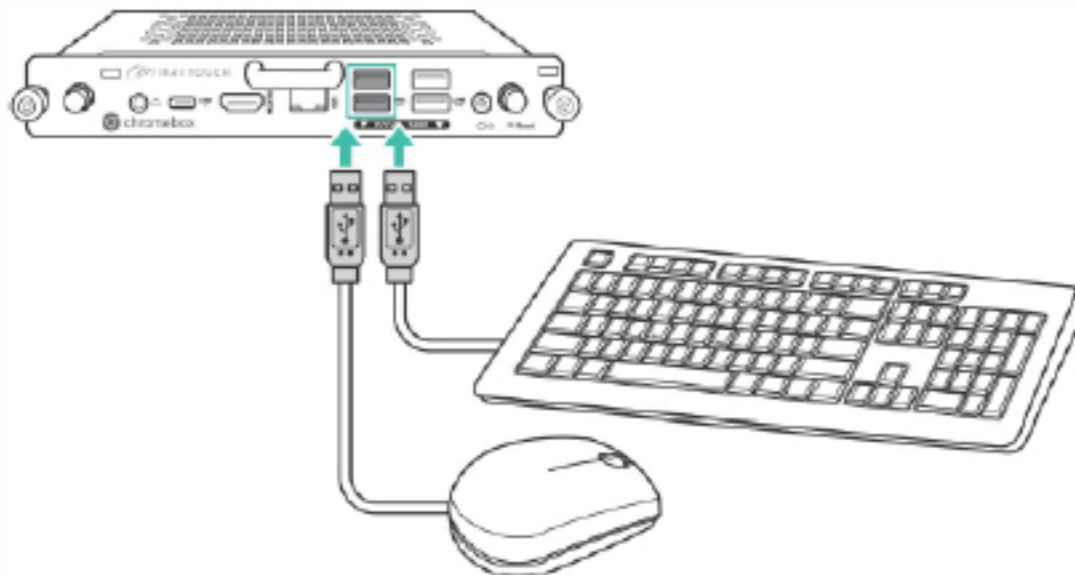
The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and HDMI logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Connecting a mouse and keyboard

Your Chromebox supports both wired and wireless mouse and keyboard.

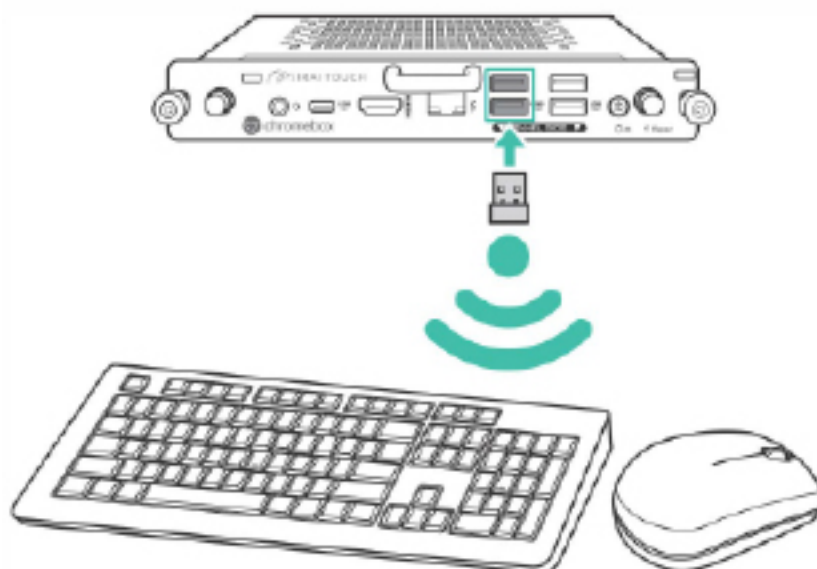
Connecting a wired mouse and keyboard

Connect the USB mouse and USB keyboard to the USB ports of your Chrome Box.



Connecting a wireless mouse and keyboard

Connect the USB receiver supplied with the wireless mouse and keyboard to the Chromebox USB port.

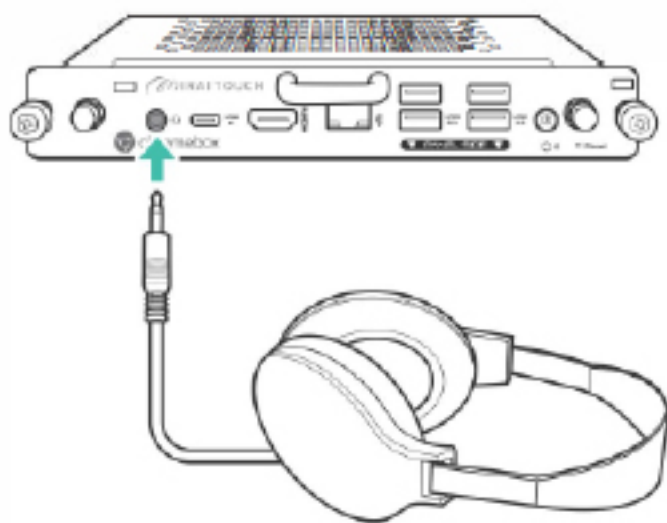


NOTE: After turning on the Chromebox, the wireless mouse and keyboard usually pair automatically. If you need to perform any additional steps, please refer to the manual that came with your accessories.

Making additional connections

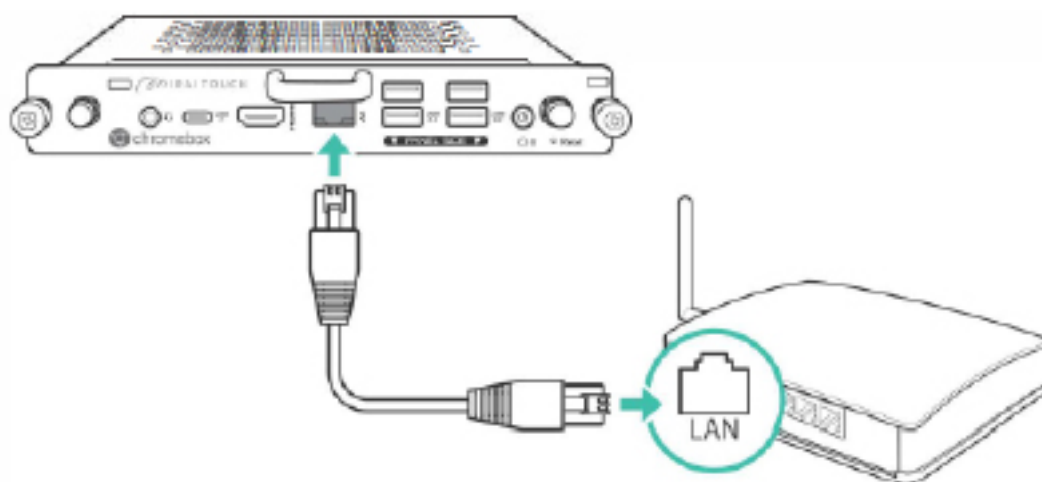
Connection of audio components

Connect the audio component to the audio jack on your Chromebox.



Local Area Network (LAN) connection

1. Connect one end of the RJ45 cable to the LAN port of your Chromebox.
2. Connect the other end of the RJ45 cable to a network connection device or a network wall connector.

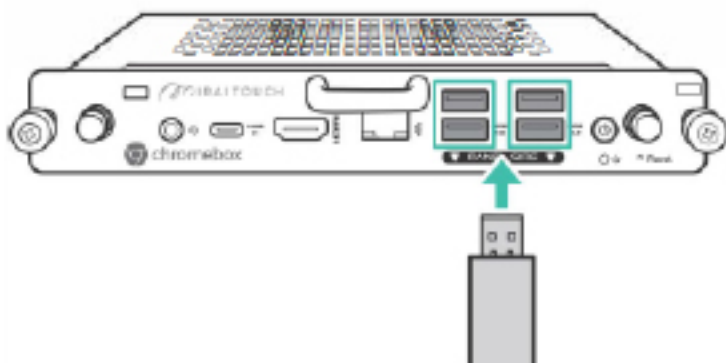


Connection of USB devices

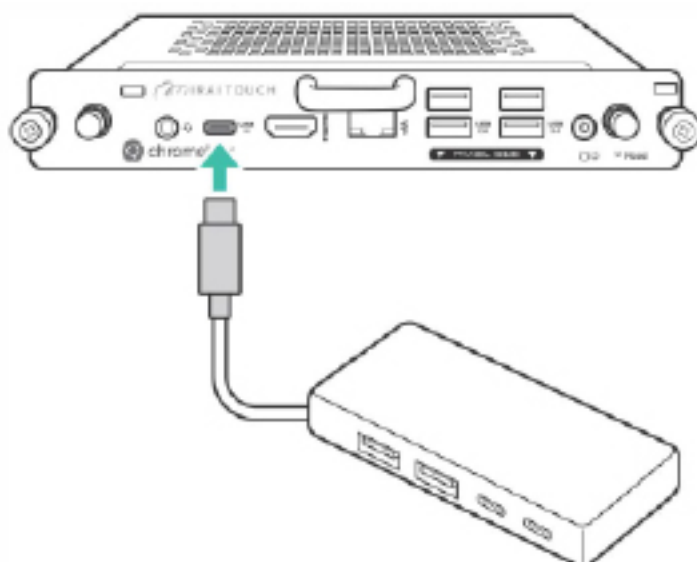
NOTE: Your Chromebox supports USB-A 2.0, USB-A 3.2 Gen 1 and USB-C.

Depending on the supported USB type, connect the USB device to the corresponding USB port on your Chromebox.

- Connect a USB-A 3.2 compliant device to one of the following USB ports:

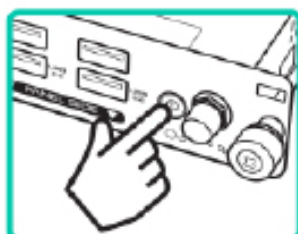


- The USB-C compatible device is connected to the next USB port:



Turn on Chromebox

To turn on your Chromebox, press the power button on the front panel. The LED on the power button illuminates.



After turning on the Chromebox for the first time, you will be prompted to configure some basic device settings, such as setting the language, configuring accessibility options, connecting to the network, and finally, signing in to your Google account. Follow the on-screen instructions to complete the initial setup.

HOW TO CHANGE THE DEFAULT LANGUAGE

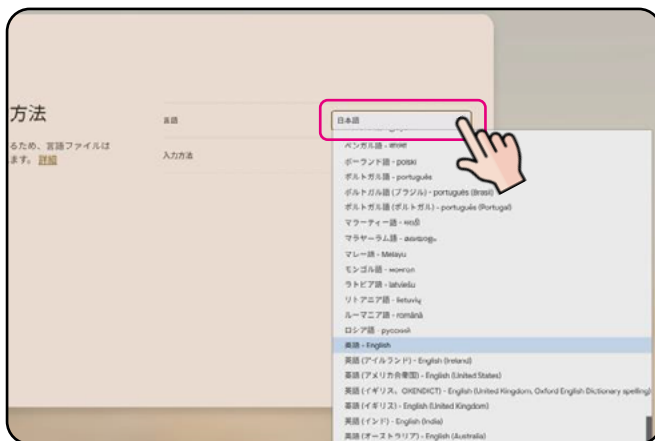
1. Turn on the device and skip the initial window.



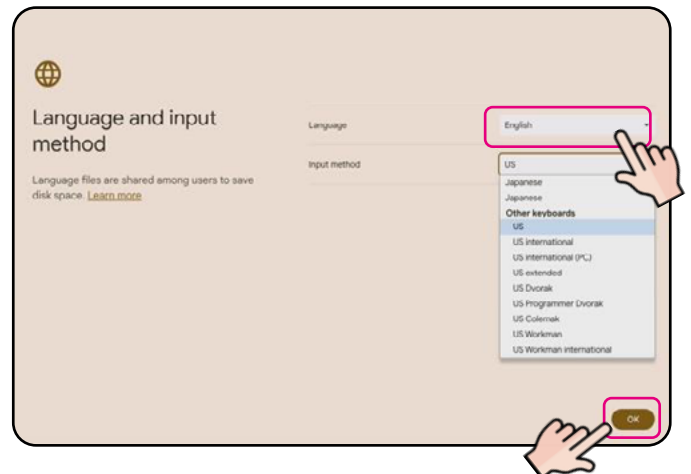
2. Click "日本語" (Japanese).



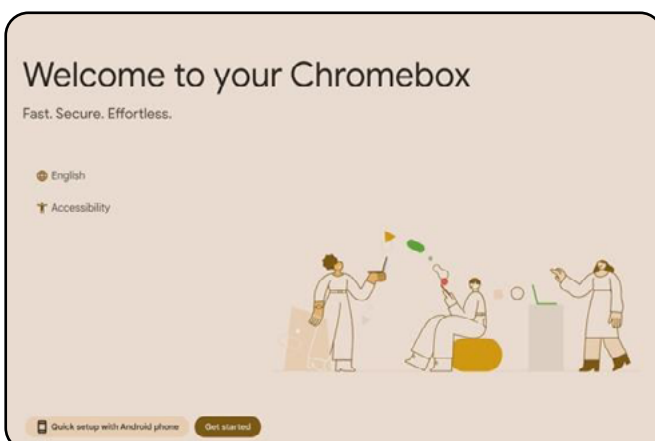
3. Change the language to English or other languages.



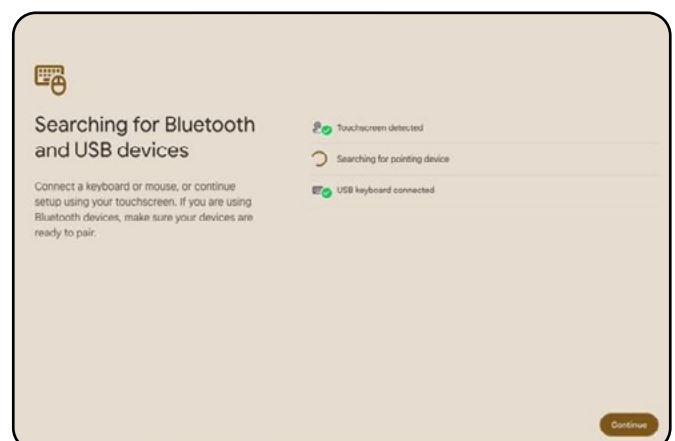
4. Change the input method and click "OK".



5. The default language is changed.



6. After restarting, the default language is still English.

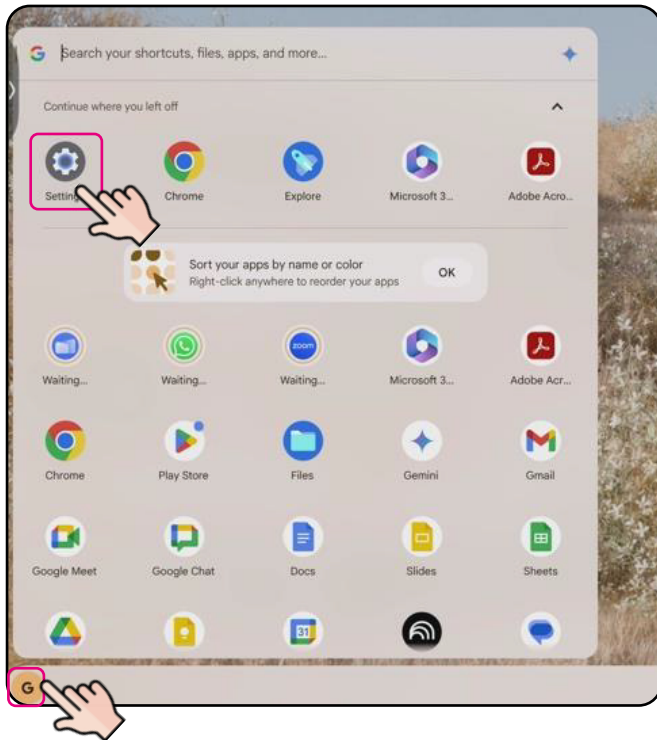


Caution: If the user performs a Powerwash (factory reset), the default language will return to Japanese . Follow the steps above to change the language and input method again.

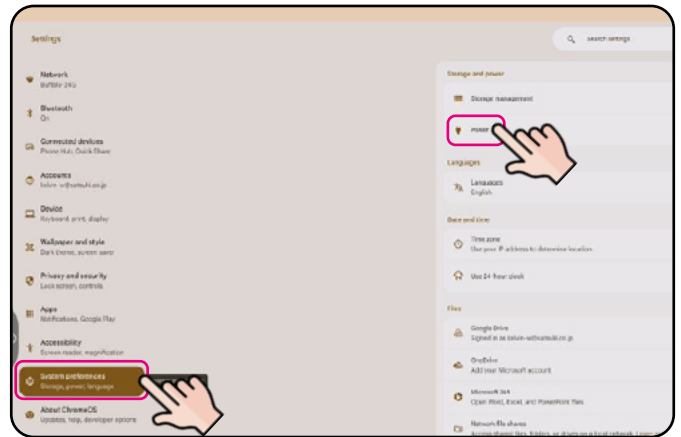
HOW TO CHANGE POWER SETTINGS

I. Users of personal Google accounts

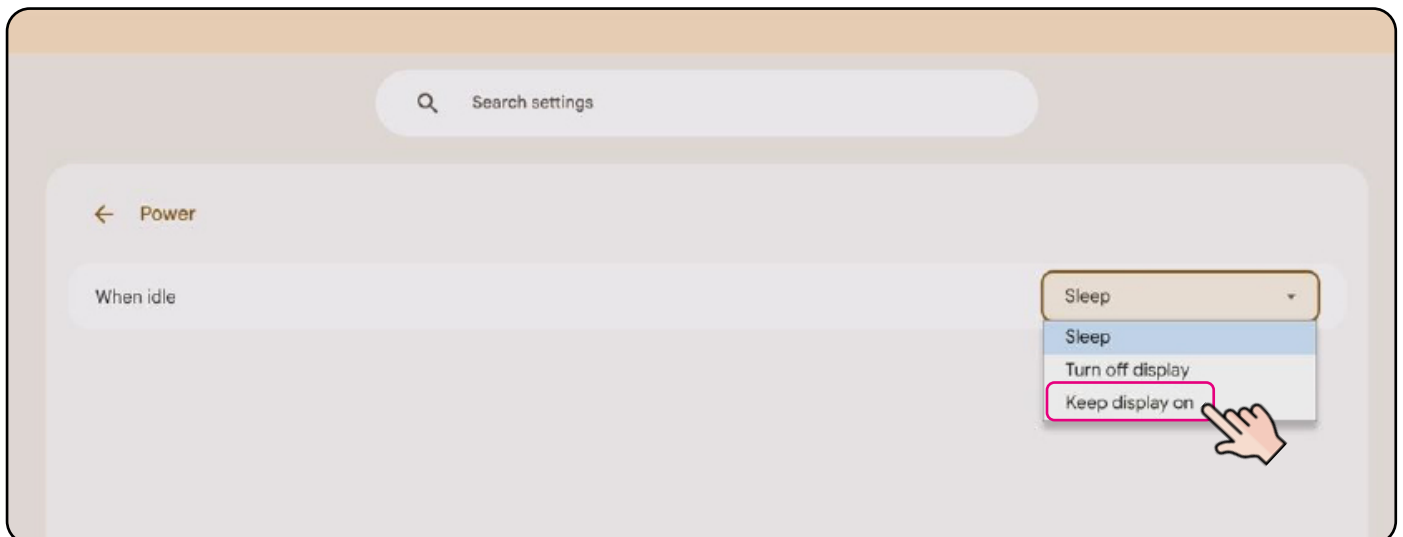
1. Log in to the device and go to Settings.



2. Click on "System Preferences" and then on "Power".



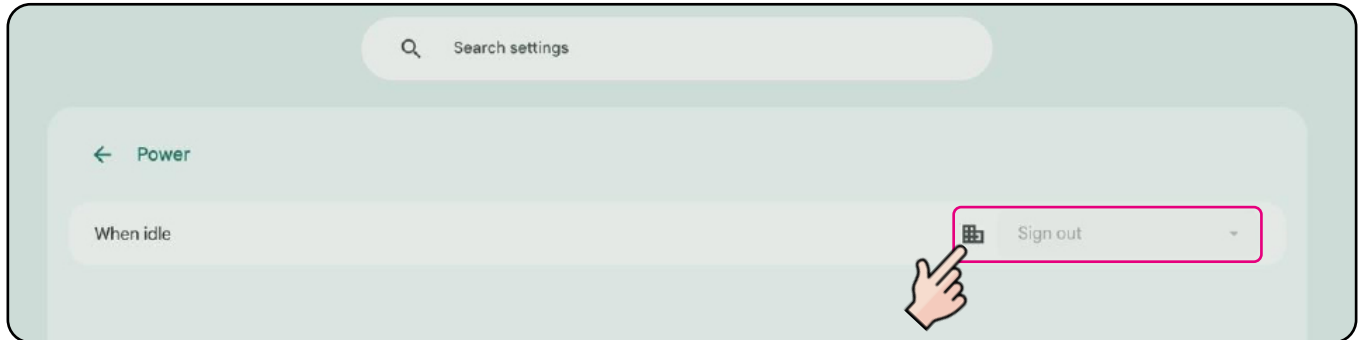
3. Select "Keep screen on" in idle mode.



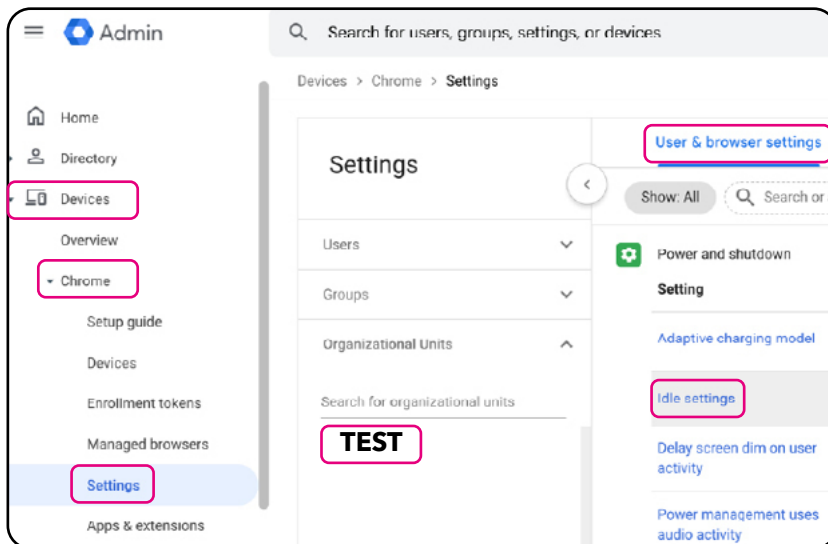
HOW TO CHANGE POWER SETTINGS

II. Google Admin Console users

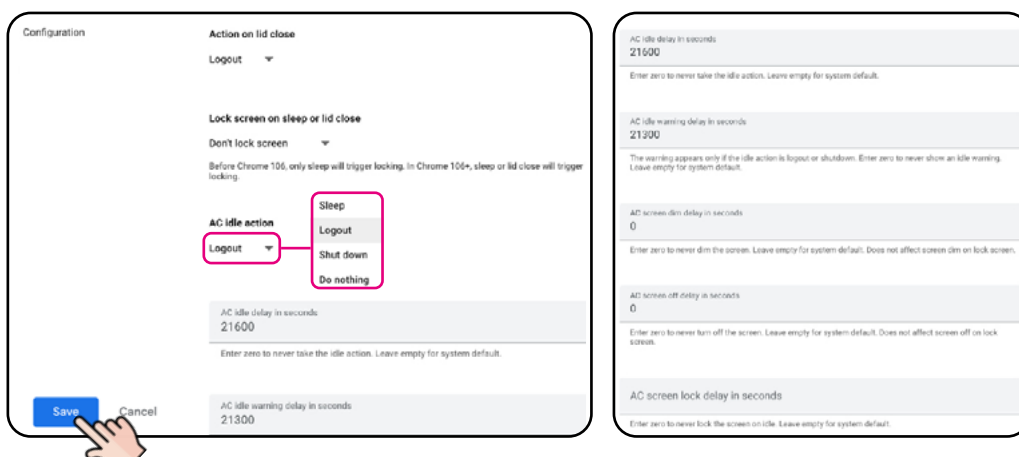
The power settings of the device are grayed out.
The configuration must be done through the Google Admin Console



1. Go to "Devices"->"Chrome"->"Settings" in Admin Console. Select the organizational unit (OU) to which the device belongs. Go to "User and browser settings" - "Inactivity settings".



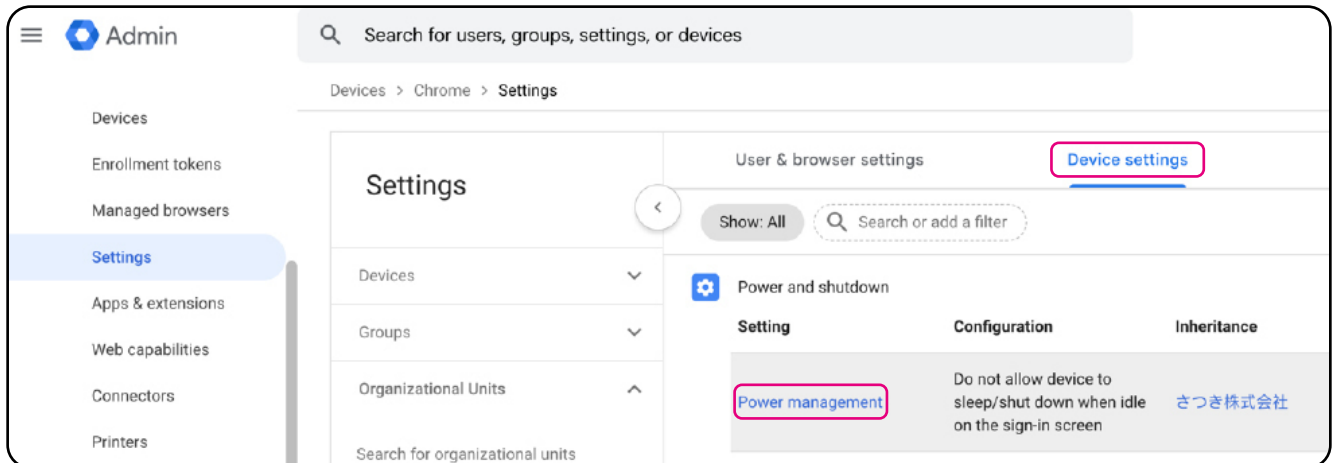
2. Select "Logout" or "Do nothing" for the inactive AC action. The delay time can also be customized on the same page. Click "Save" to save the changes.



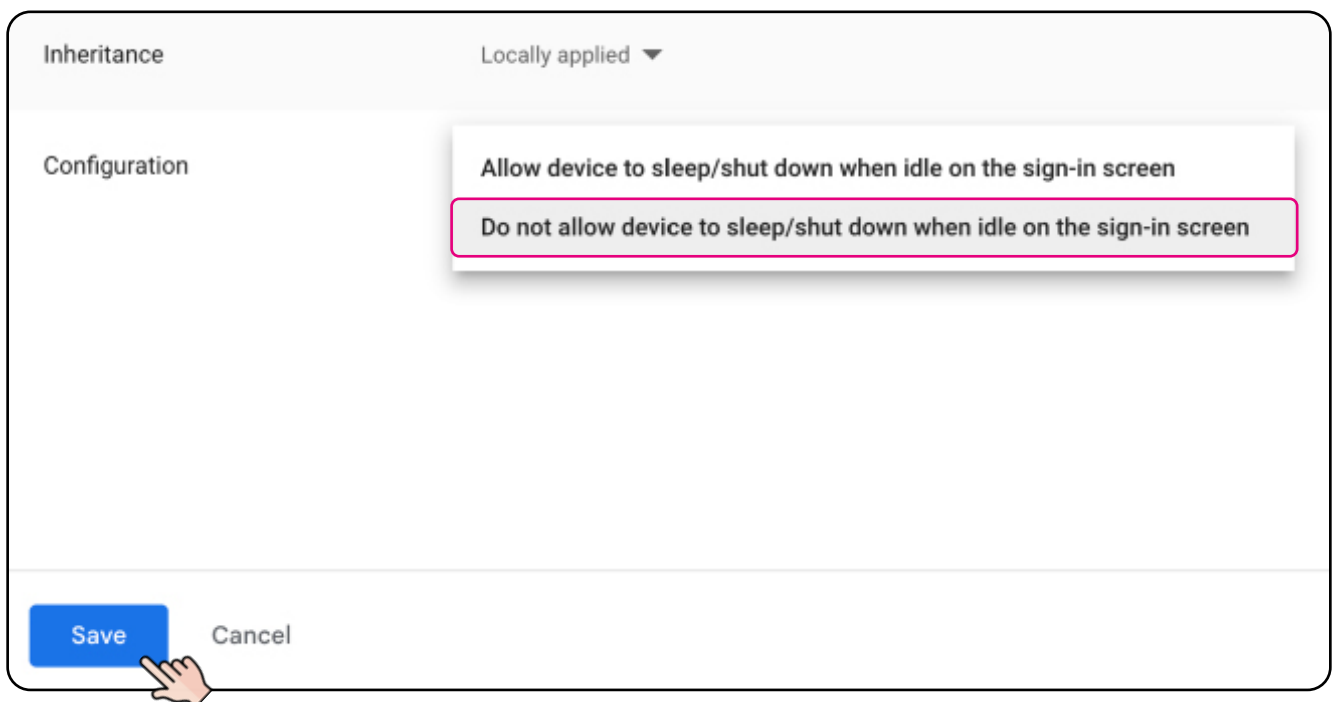
HOW TO CHANGE POWER SETTINGS

II. Google Admin Console users

3. Select the same OU and go to "Device Settings"- "Power Management".



4. Select "Do not allow device to go to sleep / power off when idle at login screen" for Power management at login screen. Click "Save" to save the changes.



HOW TO ENROLL IN CHROMEBOX OPS

Before enrolling the device, you must obtain an account with enrollment permissions for the end user's Google Admin Console

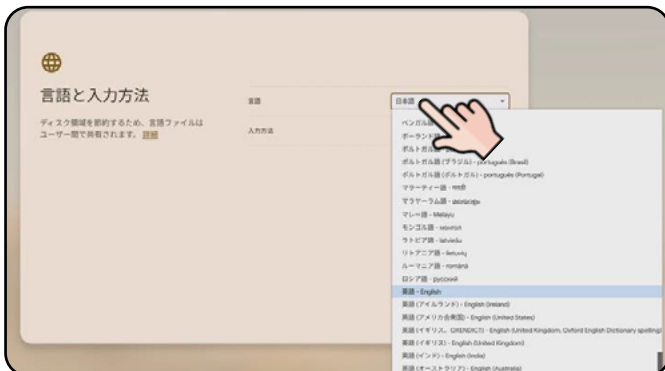
1. Turn on the device and skip the initial window.



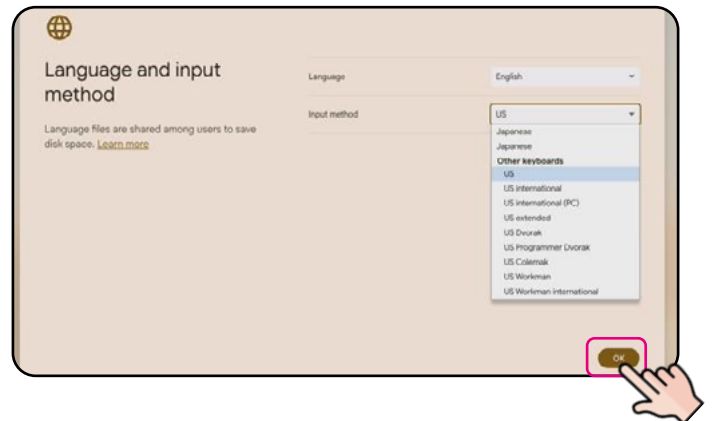
2. Click "日本語" (Japanese).



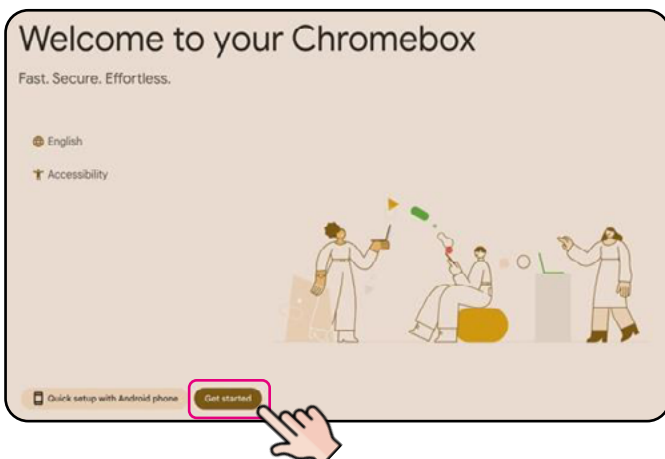
3. Change the language to English or other languages.



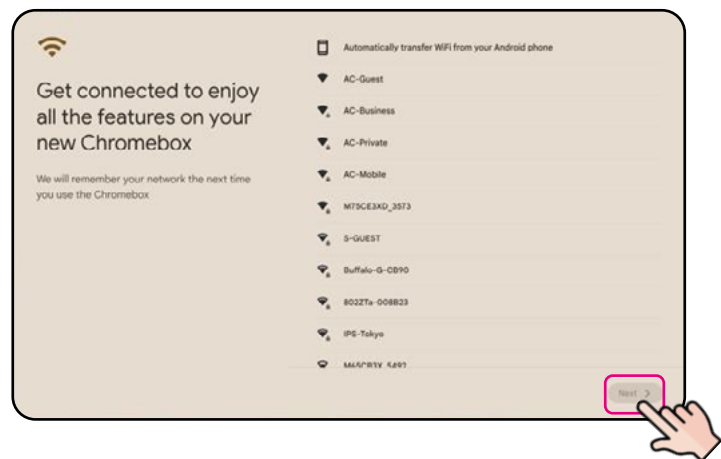
4. Change the input method and click "OK".



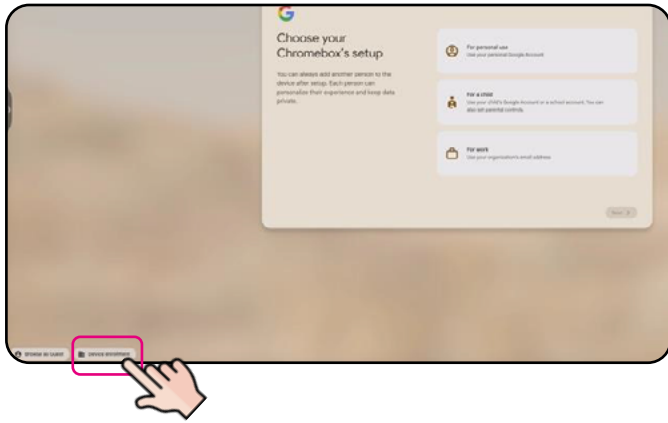
5. Click on "Start".



6. Connect to Wi-Fi and click "Next".
***When using LAN, this step is not necessary**



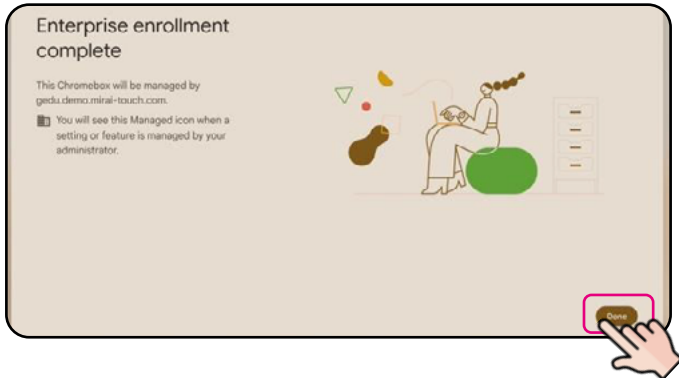
7. Click on "Device Enrollment".



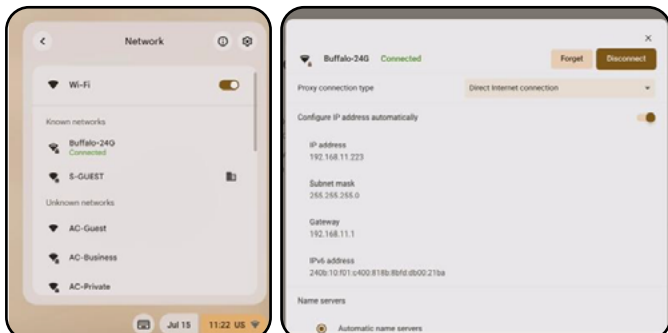
9. Enter the password and click "Next".



11. Click "Done" to finalize the registration.



13. Click on the Settings icon and then click on "Forget" to delete your Wi-Fi. You can now turn off the device. *If you were using LAN, skip steps 12 and 13.



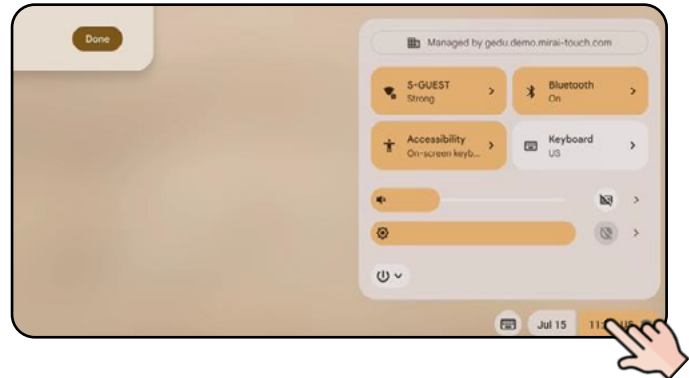
8. Enter the registration account and click on "Next".



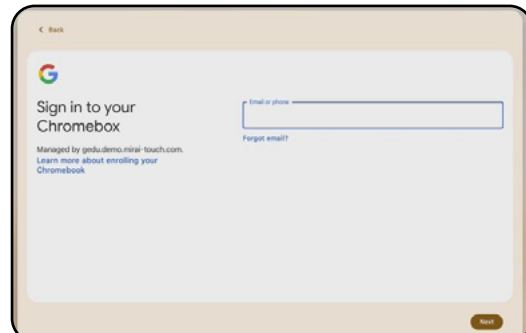
10. Enter the asset identifier and device location if required by the end user and click "Next".



12. Click in the lower right corner, then click on Wi-Fi



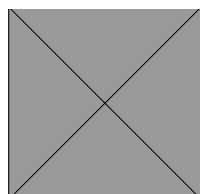
The end user will see the login window after turning on the device for the first time.



FREQUENTLY ASKED QUESTIONS

Ask	Solution
What software works on a Chromebox?	Chromebooks use apps from the Google Play Store and the Internet. There are apps to be productive, be creative, enjoy movies and series, play games and much more.
how do I get more applications?	You can get more apps in the Google Play Store or on the  web.
can I use Microsoft Office programs?	Chromebooks work with Microsoft Office. Whether it's Word, Excel or PowerPoint, you can easily find the applications on the web.
where can I find my files?	All your files are stored in the Files app.  Find the application by clicking on the Launcher icon and searching for "Files".
how do I transfer my local files?	Transfer your local files using a compatible storage device. Your Chromebook works with most external storage devices (e.g. USB sticks, removable hard drives). You can also upload your files, photos and videos to Google Drive. After setting up your Chromebook with your Google account, you will be able to access your files in Drive.
why does my Chromebook need my Google account information?	You will use your Google account to sign in to your Chromebook. This is the same account you use for Google services such as Gmail and Drive. Your Chromebook uses your account information to automatically sign in to apps and services.
how do I set this up for my child?	If you want to set up parental controls for your child, it is important that you sign in with your child's personal Google account. If he doesn't already have one, you can create one during the login process on his Chromebook. You will be able to add your child's school account after completing device onboarding.

Get help or more information:



Visit support.google.com/chromebook

Open the Explore application  on your Chromebook

