Lenovo Chromebook Duet (11", 9) Lenovo Chromebook Duet EDU G2 User Guide



Read this first

Before using this documentation and the product it supports, ensure that you read and understand the following:

- Safety and Warranty Guide
- Setup Guide
- <u>Generic Safety and Compliance Notices</u>

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Discover your Chromebook

Thank you for choosing a Lenovo[®] Chromebook[™]! We are dedicated to delivering the best solution to you.

Before starting your tour, please read the following information:

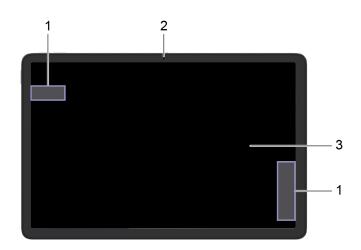
• This guide applies to Lenovo product models listed below. Illustrations in this guide may look slightly different from your product model.

Model name	Machine type (MT)
LNV CB Duet 11M889	
LNV CB Duet 11M889 1	83HH
LNV CB Duet 11M889 2	
LNV Chrome Duet EDU G2	
LNV Chrome Duet EDU G2 1	83HJ, 83HK
LNV Chrome Duet EDU G2 2	

- For further compliance information, refer to the *Generic Safety and Compliance Notices* at https://pcsupport.lenovo.com/docs/generic_notices.
- Depending on the model, some optional accessories, features, software programs, and user interface instructions might not be applicable to your Chromebook.
- Documentation content is subject to change without notice. To get the latest documentation, go to https://pcsupport.lenovo.com.

Chapter 1. Meet your Chromebook

Front



1. Wireless antennas	Send and receive radio waves for the built-in wireless local area network (LAN) and Bluetooth module. Note: The antennas are not visible from the outside of the Chromebook.
2. Front camera	Capture still and moving images for taking photos, recording videos, and video chatting.
3. Screen	Display text, graphics, and videos. Support multi-touch function.

Rear



Figure 1. LNV CB Duet 11M889



Figure 2. LNV Chrome Duet EDU G2

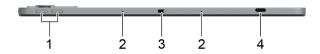


Figure 3. Lenovo USI Pen 2 Magnetic

1. Rear camera	Capture still and moving images for taking photos, recording videos, and video chatting.
2. Kickstand	Support your Chromebook when it is placed on a surface.
3. Kickstand hinge	Pivot the kickstand.
4. Lenovo USI Pen 2 Magnetic	The pen enables you to write and draw in a natural manner.

* for selected models

Тор



1. Volume buttons	Press the buttons to increase or decrease the system volume.
2. Microphones	Capture or record sound and voice.
3. Camera cover	Cover or uncover the camera lens. Note: The camera cover helps you better protect your privacy.
4. Multi-purpose USB Type-C [®] connector	This multi-purpose connector can be used to connect devices that utilize the USB data transfer technology and display devices. It also supports USB Power Delivery. Note: When connecting display devices, you need to use appropriate cables and adapters (if needed) according to the connection capabilities of the display device.

Bottom



1. Pogo pin with guide pin

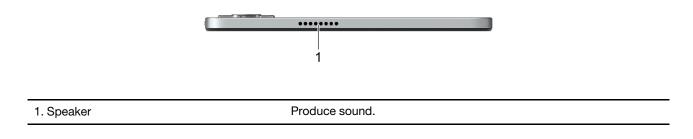
The pogo pin with guide pin enables you to attach the keyboard to your Chromebook magnetically.

Left



1. Multi-purpose USB Type-C connector	This multi-purpose connector can be used to connect devices that utilize the USB data transfer technology and display devices. It also supports USB Power Delivery. Note: When connecting display devices, you need to use appropriate cables and adapters (if needed) according to the connection capabilities of the display device.	
2. Charging light	Indicate the ac power status and the battery status. See "AC power status indicator behavior" on page 11.	
3. Combo audio jack	Connect headphones or headsets with a 3.5 mm (0.14 inch), 4-pole plug. Note: This jack does not support standalone external microphones. If you use headsets, choose one with a single plug.	
4. Speaker	Produce sound.	
5. Power button	Press the button to turn on the Chromebook or put the Chromebook into sleep mode. Notes: When you finish working with your Chromebook, shut it down to save power.	
	• Click \mathbf{O} in the system tray.	
	• Press and hold the power button until the pop-up window appears and then click Shut down .	

Right



Folio keyboard (for selected models)



1. Pogo pin with guide pin	The pogo pin with guide pin enables you to attach the keyboard to your Chromebook magnetically.
2. Keyboard	Enter characters and interact with programs. Note: The keyboard also includes function keys and key combinations for changing settings and performing tasks quickly.
3. Touchpad	Perform finger touch and all the functions of a traditional mouse. Note: The touchpad also supports multi-touch function.

Features and specifications

Note: Specifications might change without notice. Some specifications are model-specific and might not apply to the Chromebook model that you purchased.

Dimensions	
	Tablet:
	- Width: 255.3 mm (10.05 inches)
	- Depth: 166.92 mm (6.57 inches)
	– Thickness: 7.6 mm (0.30 inches)
	 Folio keyboard*:
	 Width: 255.62 mm (10.06 inches)
	 Depth: 167.17 mm (6.58 inches)
	 Thickness: 6.7 mm (0.26 inches)
	Kickstand:
	– LNV CB Duet 11M889*:
	 Width: 255.37 mm (10.05 inches)
	 Depth: 166.92 mm (6.57 inches)
	 Thickness: 3.2 mm (0.13 inches)
	 LNV Chrome Duet EDU G2:
	 Width: 273.92 mm (10.78 inches)
	 Depth: 173.72 mm (6.84 inches)
	 Thickness: 14.35 mm (0.56 inches)
Weight	Tablet: approximately 0.51 kg (1.12 lb)
	 Folio keyboard*: approximately 0.295 kg (0.65 lb)
	Kickstand:
	 LNV CB Duet 11M889*: approximately 0.159 kg (0.35 lb)
	 – LNV Chrome Duet EDU G2: approximately 0.295 kg (0.65 lb)
ac power adapter	
	• Input: 100 V ac-240 V ac, 50 Hz-60 Hz
	Output:
	– 10 V dc, 3 A, or
	– 15 V dc, 3 A
	Power:
	– 30 W, or
	– 45 W
Battery pack	Capacity: 29 Wh
	Number of cells: 2
	Note: The battery capacity is the typical or average capacity as measured in a specific test environment. Capacities measured in other environments may differ but are no lower than the rated capacity (see product label).

Memory	 Type: On-board Low Power Double Data Rate 4X (LPDDR4X) Capacity: 4 G, or 8 G Number of physical slots: 0
Secondary storage device	 Type: Solid-state drive (SSD) Capacity: 64 G, or 128 G Note: The capacity of the storage device displayed in the operating system is typically lower than the nominal capacity.
Screen	 Multi-touch screen Display resolution: 1200 × 1920 pixels Size: 278.1 mm (10.95 inches)
Connectors and slots	 Audio connector Multi-purpose USB Type-C connector × 2 Support power input up to 30 W/45 W using the included power adapter Support power output up to 15 W (5 V, 3 A) (One USB Type-C connector is working.) 7.5 W (5 V, 1.5 A) (Both USB Type-C connectors are working.) Support USB 3.2 Gen 1 Support USB Power Delivery Support DisplayPort[™] Alt Mode (DisplayPort 1.2 compliant. Support maximum output resolution of 3840 × 2160, at 60 Hz frame rate and color depth of 8 bits.) Note: Data rates and performance ratings are dependent on connected devices and cables if they are used. For DisplayPort connection through a USB Type-C connector, the listed maximum output capacity is only available on external displays with a DisplayPort, a Mini DisplayPort, or a USB Type-C connector that supports DisplayPort Alternate Mode. For connections using a converter or an adapter, the actual output resolution may be lower.
Network	Bluetooth and Wi-Fi® combo adapter

* for selected models

Statement on USB transfer rate

Depending on many factors such as the processing capability of the host and peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and will be slower than the data rate listed below for each corresponding device.

USB device	Data rate (Gbit/s)
USB 3.2 Gen 1	5

Operating environment

Maximum altitude (without pressurization)

3048 m (10 000 ft)

Temperature

- Operating: 5°C to 35°C (41°F to 95°F)
- Storage: 5°C to 43°C (41°F to 109°F)

Note: When you charge the battery, its temperature must be no lower than 10°C (50°F).

Relative humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage: 5% to 95% at wet-bulb temperature 27°C (81°F)

The folio keyboard bottom cover and kickstand cover are polyurethane (PU). Handle your keyboard and kickstand cover with care so that you can enjoy this product for a long time. If possible, place your Chromebook in a well-ventilated and dry area without direct exposure to sunshine. Do not use or store your Chromebook in dusty, dirty areas, or extremely hot or cold areas.

Chapter 2. Get started with your Chromebook

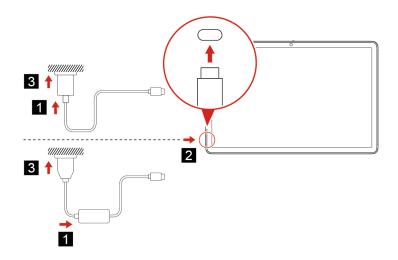
Charge your Chromebook

The USB Type-C connector on your Chromebook works as the power connector. Plug in the ac power adapter to charge the built-in battery pack and provide power to the Chromebook.

Connect to ac power

CAUTION:

All plugs must be firmly and securely inserted into receptacles.



- 1. Connect the power cord to the ac power adapter.
- 2. Plug the power adapter into the USB Type-C connector of the Chromebook.
- 3. Plug the power cord into an electrical outlet.

AC power status indicator behavior

The ac power status indicator is next to the USB Type-C connector. The following table shows the indicator behaviors and the indicated power and battery status.

AC power status indicator	Power status	Battery status
on (red)	plugged in	being charged, remaining power is less than 5%
on (amber)	plugged in	being charged, remaining power is between 5% and 97%
on (green)	plugged in	fully charged (97% to 100%)
off	unplugged	discharging

Connect to Wi-Fi

To connect your Chromebook to Wi-Fi:

- 1. Click your system tray.
- 2. Click the network icon and turn on the wireless feature.
- 3. Select an available network to connect. Provide required information if needed.

Combination of Chromebook and folio keyboard (for selected models)

Align the connector of the keyboard with the Chromebook and then attach the Chromebook in the direction shown by the arrow.

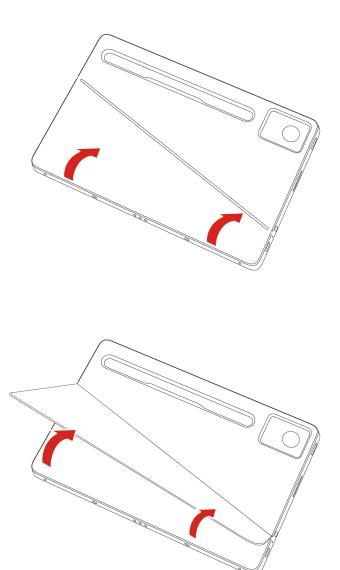


Note: The pogo bar separates when the folio keyboard is flipped to the rear of the Chromebook.

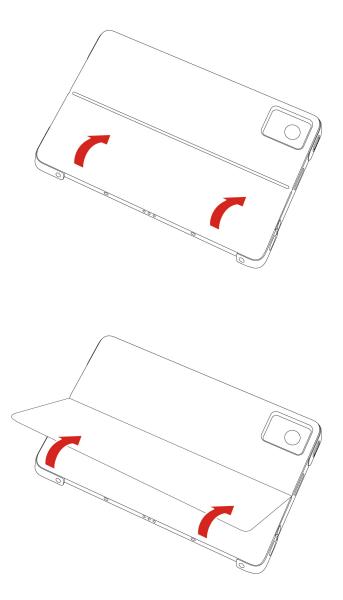
Use the kickstand (for selected models)

Your Chromebook has a stand cover that is built in with a kickstand. Pivot the kickstand from the pits on both sides of the Chromebook to open position as shown.

LNV CB Duet 11M889

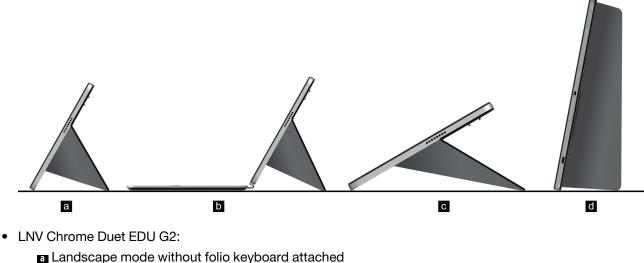


LNV Chrome Duet EDU G2

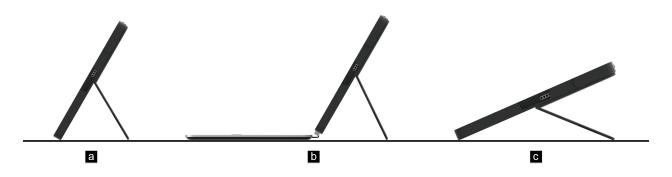


With the kickstand open, you can use the Chromebook in the following modes:

- LNV CB Duet 11M889:
 - a Landscape mode without folio keyboard attached
 - **b** Landscape mode with folio keyboard attached
 - C Stylus mode
 - Portrait mode without folio keyboard attached



- Landscape mode with folio keyboard attached
- Stylus mode



The multi-positional kickstand enables you to set the Chromebook at different angles for a comfortable user experience. The recommended screen angles are:

- Landscape mode: About 120°
- Portrait mode: About 100° (for LNV CB Duet 11M889)

Attention: Using the kickstand at an improper angle or under the load may damage the kickstand.

Use the Lenovo USI Pen 2 Magnetic (for selected models)

Your Chromebook might come with a Lenovo USI Pen 2 Magnetic (referred to as the pen in this section). The pen enables you to write and draw in a natural manner.

Notes:

- The pen is not waterproof. Take care not to drop the pen in water.
- The pen contains pressure sensors. Do not push the tip of the pen for an extended period of time. Do not subject the pen to shock or vibration.

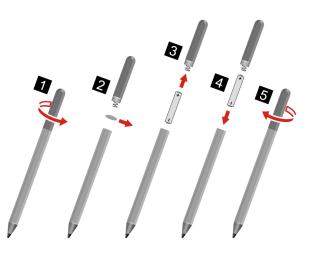


Figure 4. Pen overview

Name	Description	
1. End cap	Unscrew the end cap to install or replace a battery.	
2. Pen tip	To click, tap on the screen with the tip. To double-click, tap twice.	

Before first use

An insulation pad may be included in the Lenovo USI Pen 2 Magnetic to prevent capacity loss during shipping. The first time you use the pen, check and remove the insulation pad. (2)

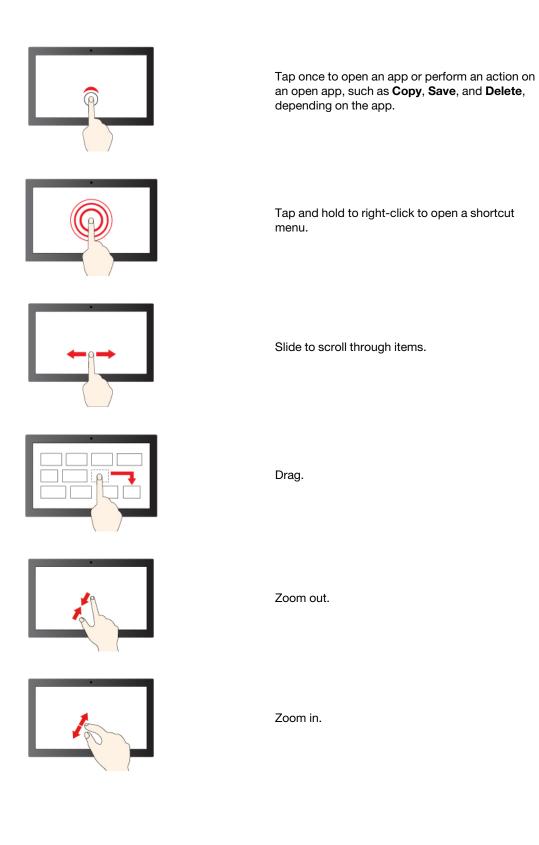


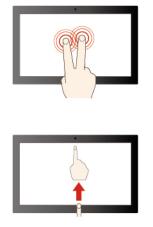
CAUTION: The Lenovo USI Pen 2 Magnetic uses AAAA battery. Replace with the right battery.

Use the touch screen

You can navigate the screen with simple touch gestures.

Note: Some gestures might not be available depending on the app you use.





Tap with two fingers to open a shortcut menu.

Swipe upwards to unfold the app Launcher.

Maintenance tips:

- Turn off the Chromebook before cleaning the multi-touch screen.
- Use a dry, soft, and lint-free cloth or a piece of absorbent cotton to remove fingerprints or dust from the multi-touch screen. Do not apply solvents to the cloth.
- The multi-touch screen is a glass panel covered with a plastic film. Do not apply pressure or place any metallic object on the screen, which might damage the touch panel or cause it to malfunction.
- Do not use fingernails, gloved fingers, or inanimate objects for input on the screen.
- Regularly calibrate the accuracy of the finger input to avoid a discrepancy.

Use the keyboard shortcuts (for selected models)

The function keys on the keyboard help you work more easily and effectively.

←	Go to the previous page
C	Reload your current page
[]	Hide the tabs and the App Launcher in full-screen mode
	Show all windows in overview mode
¢	Decrease the brightness of the Chromebook screen
¢	Increase the brightness of the Chromebook screen
V	Mute the microphone
N	Mute the speakers
•	Decrease the volume
•	Increase the volume
٩	Lock the Chromebook screen

Your Chromebook also supports some key combinations.

ctrl +	Take a screenshot	
alt + 🔘	Switch the Caps Lock function	
• + I	Lock your Chromebook screen	
ctrl + alt + ?	View all keyboard shortcuts	

To change the keyboard settings:

- 1. Click the setting icon in the system tray, and then click **Device** \rightarrow **Keyboard**.
- 2. Follow the on-screen instructions to change the settings as you prefer.

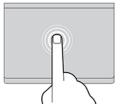
Use the touchpad (for selected models)

The entire touchpad surface is sensitive to finger touch and movement. You can use the touchpad to perform all the pointing, clicking, and scrolling functions of a traditional mouse.

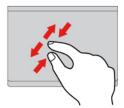
Use the touch gestures

Notes:

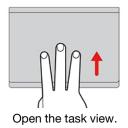
- When using two or more fingers, ensure that you position your fingers slightly apart.
- Some gestures are only available when you are using certain apps.
- If the touchpad surface is stained with oil, turn off the Chromebook first. Then, gently wipe the touchpad surface with a soft and lint-free cloth moistened with lukewarm water or Chromebook cleaner.



Tap once to select or open an item.

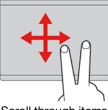


Two-finger zoom in or zoom out.

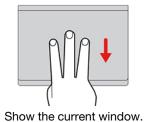




Tap twice quickly to display a shortcut menu.



Scroll through items.



To change the settings:

1. Click the setting icon in the system tray, and then click **Device** \rightarrow **Touchpad**.

2. Follow the on-screen instructions to change the settings as you prefer.

If **Enable tap-to-click** is turned on, you can tap or press the touchpad. Otherwise, you can only press the touchpad to achieve the clicking function of a traditional mouse.

Use the camera

The built-in camera can be used for video calling or video conferencing. The indicator next to the camera turns on when the camera is activated.

To take photos with the camera:

- 1. Click the Launcher button.
- 2. Click Camera and take photos.

Use audio

You can connect headphones or a headset with a 3.5-mm (0.14-inch), 4-pole plug to the audio connector to listen to the sound from your Chromebook.

To play a saved audio or video:

- 1. Click the Launcher button, and then select Files.
- 2. Double-click a file to open it in the media player.

To adjust the volume, click the system tray, and then adjust the volume as you prefer.

Connect to an external display

You can use the Chromebook's USB Type-C connectors to connect a projector or an external display.

1. Use a USB Type-C to USB Type-C cable (not supplied) to connect your Chromebook to an external display.

Note: If the external display does not support input through USB Type-C connector, you may need to purchase and use adapters. Lenovo provides various USB Type-C accessories at <u>https://www.lenovo.com/accessories</u>, to help you expand your Chromebook functionality.

- 2. Connect the external display to an electrical outlet.
- 3. Turn on the external display.

To change display settings:

- 1. Click your system tray, and then click **Settings**.
- 2. In the **Device** section, click **Displays**.
- 3. Follow the on-screen instructions to change the display settings as you desire.

Connect to Bluetooth devices

Your Chromebook supports Bluetooth feature. You can connect your Chromebook to a Bluetooth keyboard, mouse, speakers, or other Bluetooth devices.

Note: The Bluetooth devices must be within a short distance, usually 10 meters (33 feet), from the Chromebook.

1. Click your system tray, and then click the Bluetooth icon.

- 2. Turn on Bluetooth.
- 3. Select the device you want to pair and follow the on-screen instructions.

Set the power plan

For ENERGY STAR[®] compliant Chromebooks, the following power plan takes effect when your Chromebooks have been idle for a specified duration:

Table 1. Default power plan (when plugged into ac power)

- Turn off the display: After seven minutes and 30 seconds
- Put the Chromebook into sleep: After eight minutes and 30 seconds

To reset the power plan to achieve the best balance between performance and power saving:

- 1. Click the setting icon in the system tray, and then click **Device** \rightarrow **Power**.
- 2. Follow the on-screen instructions to change the settings as you prefer.

To wake your Chromebooks from sleep mode, press the power button or any key on the keyboard.

Chapter 3. CRU replacement

Customer Replaceable Units (CRUs) are parts that can be replaced by the customer. The Chromebooks contain the following types of CRUs:

- Self-service CRUs: Refer to parts that can be replaced easily by customers themselves or by trained service technicians at an additional cost.
- **Optional-service CRUs**: Refer to parts that can be replaced by customers with a greater skill level. Trained service technicians can also provide service to replace the parts under the type of warranty designated for the customer's machine.

If you intend on installing a CRU, Lenovo will ship the CRU to you. CRU information and replacement instructions are shipped with your product and are available from Lenovo at any time upon request. You might be required to return the defective part that is replaced by the CRU. When return is required: (1) return instructions, a prepaid shipping label, and a container will be included with the replacement CRU; and (2) you might be charged for the replacement CRU if Lenovo does not receive the defective CRU within thirty (30) days of your receipt of the replacement CRU. For full details, see the Lenovo Limited Warranty documentation at https://www.lenovo.com/warranty/llw_02.

What are CRUs

Refer to the following CRU list for your Chromebook.

Self-service CRUs

- ac power adapter
- Folio keyboard*
- Kickstand (for LNV CB Duet 11M889)*
- Lenovo USI Pen 2 Magnetic*
- Power cord

* for selected models

Note: Replacement of any parts not listed above, including the built-in rechargeable battery, should be done by a qualified repair technician or by ensuring that you carefully follow all instructions provided by Lenovo. You can also find Lenovo-authorized repair facilities by going to: <u>https://support.lenovo.com/partnerlocator</u> for more information.

Chapter 4. Help and support

Frequently asked questions

What do I do if my Chromebook stops responding?	1. Press and hold the power button until the Chromebook turns off. Then, restart the Chromebook.
	2. If step 1 does not work:
	 For models with an emergency reset hole: Insert a straightened paper clip into the emergency reset hole to cut off power supply temporarily. Then, restart the Chromebook with ac power connected.
	 For models without an emergency reset hole:
	 For models with the removable battery, remove the removable battery and disconnect all power sources. Then, reconnect to ac power and restart the Chromebook.
	 For models with the built-in battery, disconnect all power sources. Press and hold the power button for about seven seconds. Then, reconnect to ac power and restart the Chromebook.
What do I do if I spill liquid on the Chromebook?	 Carefully unplug the ac power adapter and turn off the Chromebook immediately. The more quickly you stop the current from passing through the Chromebook the more likely you will reduce damage from short circuits.
	Attention: Although you might lose some data or work by turning off the Chromebook immediately, leaving the Chromebook on might make your Chromebook unusable.
	Do not try to drain out the liquid by turning over the Chromebook. If your Chromebook has keyboard drainage holes on the bottom, the liquid will be drained out through the holes.
	Wait until you are certain that all the liquid is dry before turning on your Chromebook.
How do I disinfect my Chromebook?	 Squeeze out excess liquid from wipe or disinfecting cloth before using. Recommended wipes are hydrogen peroxide wipes and alcohol based wipes. Do not use wipes containing sodium hypochlorite (bleach).
	Gently wipe the Chromebook thoroughly, being careful to ensure no liquid drips into the Chromebook. Do not wipe on connector pins.
	After disinfecting, follow the cleaning procedure from the wipe supplier to minimize chemical buildup of disinfectant residue.
	4. Always allow the Chromebook to completely dry prior to any use.
	For more information about cleaning and disinfecting, go to <u>https://</u> support.lenovo.com/in/en/solutions/ht035676.
How do I find accessibility information?	https://www.lenovo.com/accessibility

Lenovo Customer Support Center

If you have tried to correct the problem yourself and still need help, you can call Lenovo Customer Support Center.

Before you contact Lenovo

Record product information and problem details before you contact Lenovo.

Product information	Problem symptoms and details
Product name	• What is the problem? Is it continuous or intermittent?
Machine type and serial number	 Any error message or error code?
	 What operating system are you using? Which version?
	 Which software applications were running at the time of the problem?
	Can the problem be reproduced? If so, how?

Note: The product name and serial number can usually be found on the bottom of the Chromebook, either printed on a label or etched on the cover.

Telephone numbers

For a list of the Lenovo Support phone numbers for your country or region, go to <u>https://pcsupport.lenovo.com/supportphonelist</u> for the latest phone numbers.

Note: Phone numbers are subject to change without notice. If the number for your country or region is not provided, contact your Lenovo reseller or Lenovo marketing representative.

Services available during the warranty period

- Problem determination Trained personnel are available to assist you with determining if you have a hardware problem and deciding what action is necessary to fix the problem.
- Lenovo hardware repair If the problem is determined to be caused by Lenovo hardware under warranty, trained service personnel are available to provide the applicable level of service.
- Engineering change management Occasionally, there might be changes that are required after a product has been sold. Lenovo or your reseller, if authorized by Lenovo, will make selected Engineering Changes (ECs) that apply to your hardware available.

Services not covered

- Replacement or use of parts not manufactured for or by Lenovo or nonwarranted parts
- Identification of software problem sources
- · Configuration of UEFI BIOS as part of an installation or upgrade
- · Changes, modifications, or upgrades to device drivers
- Installation and maintenance of network operating systems (NOS)
- Installation and maintenance of programs

For the terms and conditions of the Lenovo Limited Warranty that apply to your Lenovo hardware product, go to:

- https://www.lenovo.com/warranty/llw_02
- https://pcsupport.lenovo.com/warrantylookup

Get help from Google

After signing in to your Chromebook, start Get Help from the app Launcher. The Get Help app provides comprehensive instructions on using your Chromebook.

In addition, if you are interested in visiting the Chromebook Help Center and Community, go to <u>http://</u> <u>support.google.com/chromebook</u>.

Appendix A. Safety instructions for teachers, parents and adult supervisors

This Chromebook is intended for use as a child development tool primarily by children, 6 years of age or above. There must be supervision by an adult. It is a must to have a thorough explanation to children on safe and proper handling of the Chromebook, battery pack, and ac power adapter.

- For ITE with power supplies not intended to be handled by children: As with all electrical products, precautions should be observed handling and use to prevent electric shock. The ac power adapter should not be handled by children.
- The Chromebook should not be placed on the bare skin (lap) of the child for long periods. The Chromebook should be placed on a flat surface, like desktop, if your child intends to use it for more than a few minutes.
- The Chromebook (including the ac power adapter and the battery pack, as applicable) should not be left in the rain or subjected to exposure to water. If cleaning is necessary do not immerse it in water; wipe clean with damp cloth.
- The Chromebook (including the ac power adapter and the battery pack, as applicable) should not be dropped, crushed (stepped on) or otherwise abused.
- An adult should caution his or her child about the potential trip hazard as posed by the cable between a power source and the Chromebook.
- The power supply (adapter) should not be handled by the children.

Chocking Hazard – Small parts. Not suitable for children under age 3.

An adult should inspect the Chromebook (including the ac power adapter and the battery pack, as applicable) periodically for damage. Similarly, if a child notices damaged/broken parts, this should be reported to the teacher/parents/adult supervisors immediately. Damaged parts may be replaced through service provided by Lenovo.

ELECTRICALLY OPERATED PRODUCT. Not recommended for children under 3 years of age (or other intended age range). As with all electrical products, precautions should be observed during handling and use of electrical products to reduce the risk of electric shock.

Appendix B. Open source information

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Lenovo Legal Department Attn: Open Source Team / Source Code Requests 8001 Development Dr. Morrisville, NC 27560

As part of your request, please include a "UNAME" and a "CHROME VERSION" of this device available by typing: "Chrome://system" in a Chrome Browser's address bar. Be sure to provide a return address.

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