User Guide

IdeaPad Flex 5i Chromebook (14″, 7) and Lenovo Flex 5i Chromebook 14″

Read this first

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

- *Generic Safety and Compliance Notices*
- *Safety and Warranty Guide*
- *Setup Guide*

First edition (April 2022)

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About this documentation

- Illustrations in this documentation might look different from your product.
- Depending on the model, some features and software programs might not be available on your Chromebook.
- Documentation content is subject to change without notice. Lenovo makes constant improvement on the documentation of your Chromebook, including this *User Guide*. To get the latest documentation, go to https://support.lenovo.com.
- This documentation applies to the following product models:

Model Name	**Machine Type (MT)**
IP Flex 5 Chrome 14IAU7	82T5
Lenovo Flex5 Chrome 14IAU	83AJ, 83AK

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Chapter 1. Meet your Chromebook

Note: Your Chromebook might look different from the illustrations in this chapter.

Front

1. Microphones	2. Camera
3. Camera cover slider	4. Camera light
5. Human presence sensor*	6. Multi-touch screen

* for selected models

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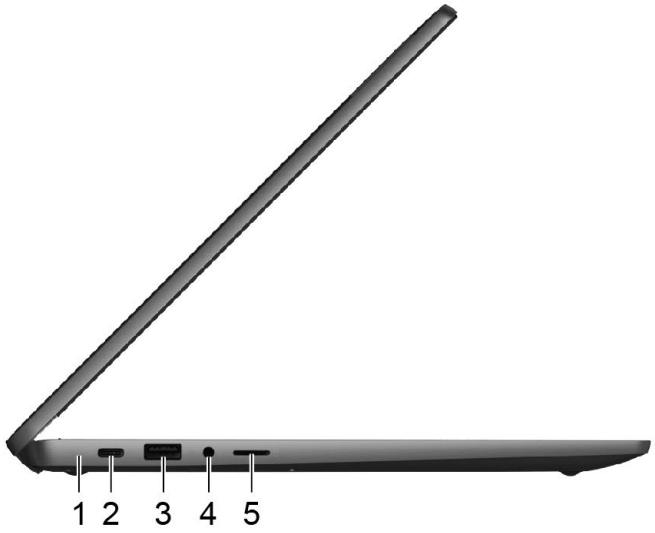
Base

1. Keyboard	2. Speakers
3. Fingerprint reader*	4. Touchpad
5. Antennas	

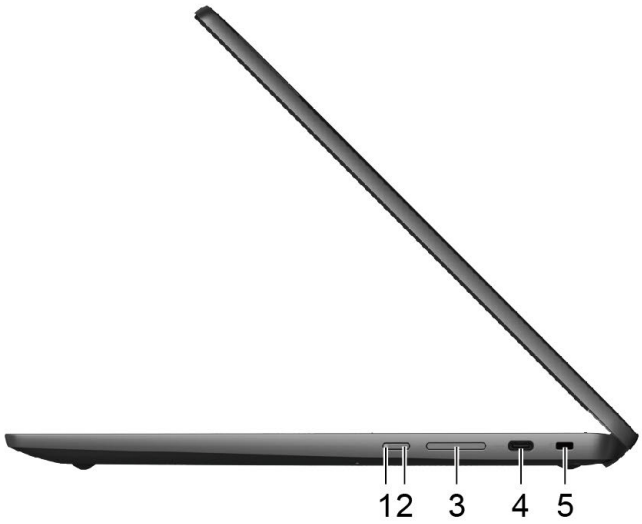
* for selected models

Left



1. Charging LED	2. Power connector / USB-C® (3.2 Gen 2) connector
3. USB (3.2 Gen 1) Type-A connector	4. Combo audio jack
5. MicroSD card slot	

Right



1. Power indicator	2. Power button
3. Volume buttons	4. Power connector / USB-C (3.2 Gen 2) connector
5. Nano security-lock slot	

Bottom

1. Ventilation slots (outlet)	2. Ventilation slots (inlet)

Features and specifications

Dimensions	Approximately 315.45 mm x 229 mm x 19.75 mm (12.4 inches x 9.0 inches x 0.8 inches)
Weight	Approximately 1.62 kg (3.57 lb)
Screen	• Color display with In-Plane Switching (IPS) technology • Multi-touch screen • Resolution: 1920 x 1200 pixels WUXGA • Size: 355.6 mm (14 inches)
Memory	• Type: Low Power Double data rate 4x (LPDDR4x) • Capacity: 4 GB or 8 GB
Storage device	• Type: – Embedded multi media card (eMMC) – Solid-state drive (SSD) • Capacity: – eMMC: 64 GB or 128 GB – SSD: 256 GB or 512 GB **Note:** The capacity of the storage device displayed in the operating system is typically lower than the nominal capacity.
Connectors and slots	• Combo audio jack • MicroSD card slot • USB (3.2 Gen 1) Type-A connector • USB-C connector x 2 (full function) – Power input up to 45 W using the included power adapter – Power output up to 5 V and 3 A **Note:** If the 45 W adapter or battery pack is used for power supply, and one USB-C connector is in use and provides power output up to 5 V and 3 A, the maximum power output of the other USB-C connector is 5 V and 1.5 A. – USB data transfer rate up to 10 Gbps for USB 3.2 Gen 2 – DisplayPort™ 1.4. Supports maximum output resolution of 4096 × 2160, at 60 Hz frame rate and color depth of 24 bpp (bits per pixel).
Wireless features	• Bluetooth • Wireless LAN
Security	• Nano security-lock slot • Fingerprint reader*
Others	• Camera • Microphones • Speakers

Battery pack	• Type: Built-in Li-Polymer battery • Number of cells: 4 • Capacity: 51 Wh **Notes:** – The capacity listed here 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). – The battery replacement must be done by a Lenovo-authorized repair facility or technician. Go to https://support.lenovo.com/partnerlocation for more information.
ac power adapter	• Input: 100 V ac-240 V ac, 50 Hz-60 Hz • Output: 15 V dc, 3 A • Power: 45 W

* for selected models

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

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)
3.2 Gen 1	5
3.2 Gen 2	10

Operating environment

Maximum altitude

3048 m (10 000 ft) (without pressurization)

Temperature

- Operating : 5 ℃ – 35 ℃ (41 ℉ – 95 ℉)
- Storage: 5 ℃ – 43 ℃ (41 ℉ – 109 ℉)

Note: When charging the battery pack, the environment temperature must be no lower than 10 ℃ (50 ℉).

Relative humidity

- Operating: 8% – 95% at wet-bulb temperature 23 ℃ (73 ℉)
- Storage: 5% – 95% at wet-bulb temperature 27 ℃ (81 ℉)

If possible, place your Chromebook in a well-ventilated and dry area without direct exposure to sunshine.

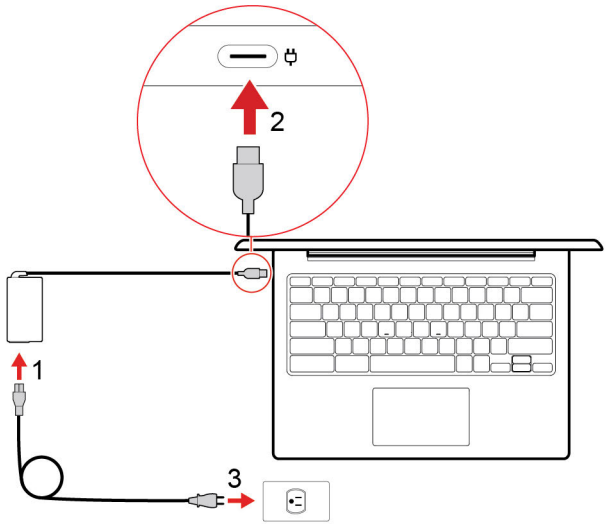
Chapter 2. Get started with your Chromebook

Charge your Chromebook

The USB-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-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-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:

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

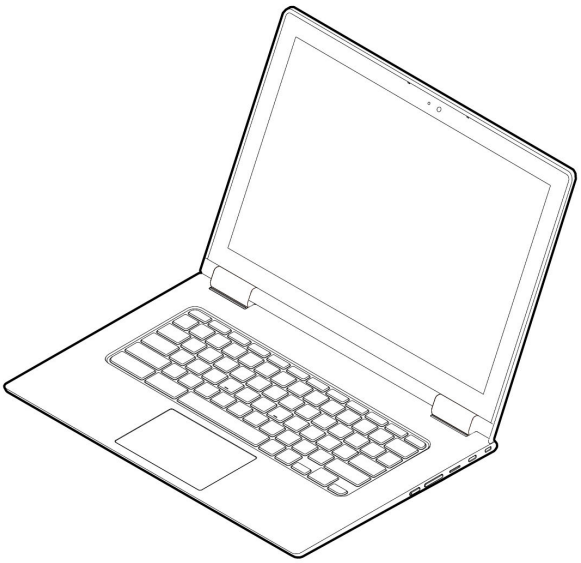
Get to know Chromebook modes

Your Chromebook display can be rotated to any angle up to 360 degrees.

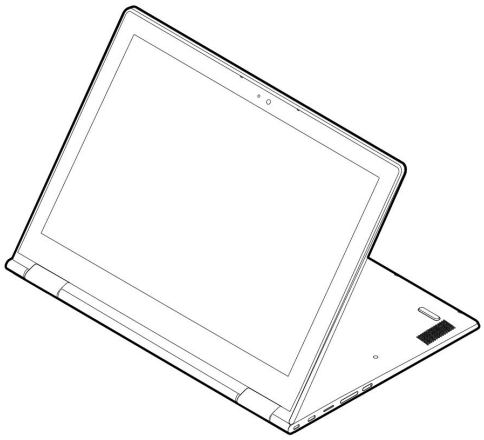
Attention:

- Do not rotate the Chromebook display with too much force, or apply too much force to the upper-right or upper-left corner of the Chromebook display. Otherwise, the Chromebook display or hinges might get damaged.
- The keyboard and the pointing devices are automatically disabled in stand mode, tent mode, and tablet mode. Use the touch screen to control your Chromebook instead.

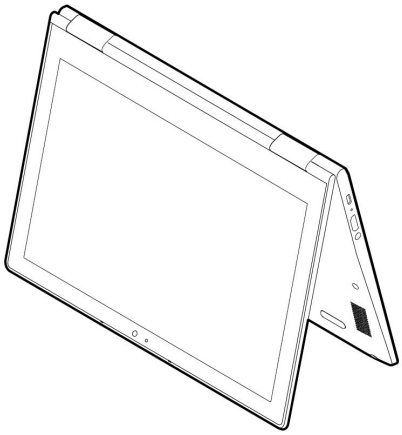
Your Chromebook features the following four Chromebook modes. You can switch among different modes according to your preference.



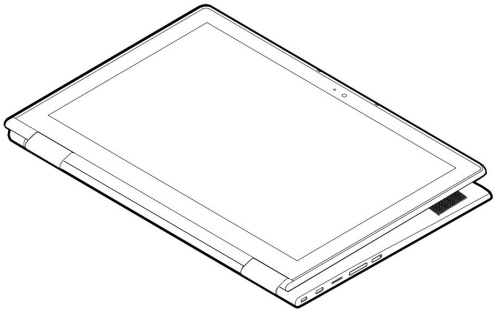
Laptop mode



Stand mode



Tent mode



Tablet mode

Lenovo USI Pen (for selected models)

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

Notes:

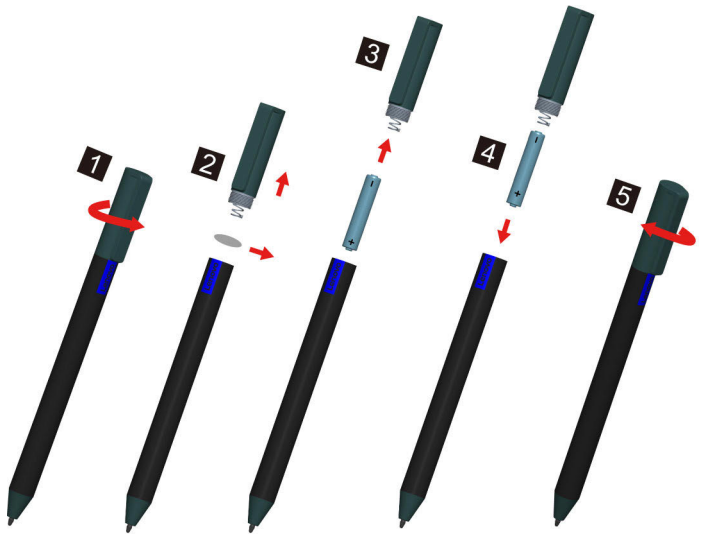
- The pen is not waterproof. Take care not to drop the pen in water.
- The pen contains pressure sensors. Do not push the tip of the pen for an extended period of time. Do not subject the pen to shock or vibration.

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 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 uses AAAA battery. Replace with the right battery.

Use the power button

When you open the Chromebook screen, the Chromebook automatically starts. If it doesn't, press the power button. You also can use the power button to put your Chromebook to sleep or wake your Chromebook.

The power button is on the right side of the Chromebook. For details, see “Use the special keys” on page 15. The power button has an integrated LED to show the power status.

Table 1. Power button LED behavior

LED status	Power status
on (white)	powered on
blink (white)	in sleep mode
off	powered off

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 2. Default power plan (when plugged into ac power)

- Turn off the display: After 7.5 minutes
- Put Chromebook to sleep: After 8.5 minutes

To change the power plan settings:

1. Click your account picture, and then click the settings icon.
2. Click **Settings → Device → Power**.
3. Follow the on-screen instruction to change the settings as you desire.

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

Use the Nano security-lock slot

Lock your Chromebook to a desk, table, or other fixtures through a compatible security cable lock.

The slot supports cable locks that conform to the Kensington NanoSaver® lock standards using Cleat™ locking technology. Do not attempt to use other types of cable locks that use a rotating T-bar™ locking mechanism. You are responsible for evaluating, selecting, and implementing the locking device and security feature. Lenovo makes no comments, judgments, or warranties about the function, quality, or performance of the locking device and security feature. Cable locks for your product are available from Lenovo at https://www.lenovoquickpick.com/.

Connect to an external display

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

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

   Note: If the external display does not support input through USB-C connector, you may need to purchase and use adapters. Lenovo provides various USB-C accessories at https://www.lenovo.com/accessories, to help you expand your Chromebook functionality.
2. Connect the external display to an electrical outlet.
3. Turn on the external display.

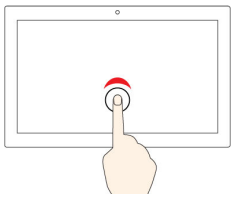
To change display settings:

1. Click your account picture, 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.

Chapter 3. Navigate the screen

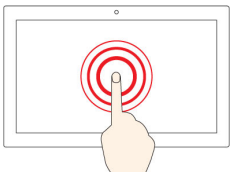
Use the multi-touch screen

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



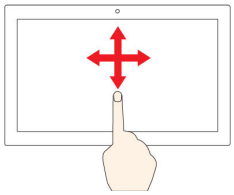
Tap

Open an app or perform an action on an open app, such as **Copy**, **Save**, and **Delete**, depending on the app.



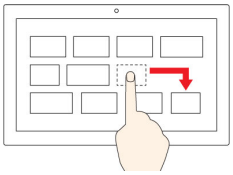
Tap and hold

Open a shortcut menu.



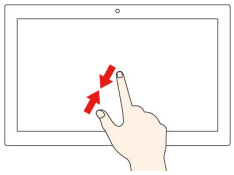
Slide

Scroll through items, such as lists, pages, and photos.



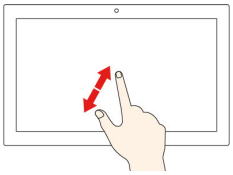
Drag an item to the location you want

Move an object.



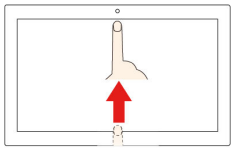
Move two fingers closer together

Zoom out.



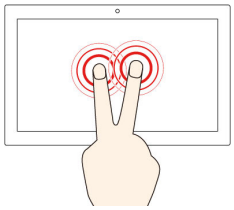
Move two fingers farther apart

Zoom in.



Swipe up from the bottom

Show or hide the app shelf.



Tap with two fingers

Open a shortcut menu.

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 special keys

Your Chromebook keyboard works just like a conventional keyboard but with a few special keys.

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←	Go to the previous page
→	Go to the next page
↻	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
🔇	Mute the speakers
🔉	Decrease the volume
🔊	Increase the volume
🔒	Lock the Chromebook screen

Your Chromebook also supports the following key combinations:

ctrl + ☐||	Take a screenshot
alt + 🔍	Switch the Caps Lock function
🔍 + L	Lock your Chromebook screen
ctrl + alt + ?	View all keyboard shortcuts
*alt + ☼	Turn off the keyboard backlight and decrease the brightness
*alt + ☼	Turn on the keyboard backlight and increase the brightness

* for selected models

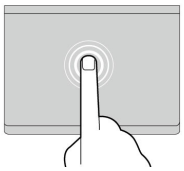
To change the keyboard settings:

1. Click your account picture, and then click the settings icon.
2. Click **Settings → Device → Keyboard**.
3. Follow the on-screen instruction to change the settings as you desire.

Use the touchpad

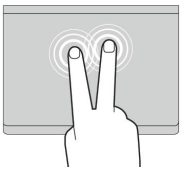
You can use the touchpad to perform various touch gestures. The following section introduces some frequently used touch gestures, such as tapping, dragging, and scrolling.

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.



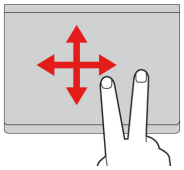
Tap

Tap anywhere on the touchpad with one finger to select or open an item.



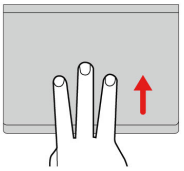
Two-finger tap

Tap anywhere on the touchpad with two fingers to display a shortcut menu.



Two-finger scroll

Put two fingers on the touchpad and move them in the vertical or horizontal direction. This action enables you to scroll through the document, Website, or apps.



Swipe three fingers up or down

Put three fingers on the touchpad and move them up or down to see all your open windows.

To change the settings:

1. Click your account picture, and then click the settings icon.
2. Click **Settings** ➞ **Device** ➞ **Touchpad**.
3. Follow the on-screen instruction to change the settings as you desire.

Chapter 4. Lenovo help and support

Lenovo support Web site

Technical support information is available on the Lenovo support Web site at https://support.lenovo.com.

Call Lenovo customer support center

If you have tried to correct the problem yourself but still need help, during the warranty period, you can get help and information by telephone through the customer support center.

Before calling customer support

Ensure that you have downloaded the most current drivers and system updates and recorded information about your Chromebook before you call. When calling for technical assistance, have the following information available.

- Machine type and model
- Serial number of your Chromebook
- Description of the problem
- Exact wording of any error messages
- Hardware and software configuration information

Services supported by Lenovo customer support center

The following services are 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 supported by Lenovo customer support center

- Replacement or use of parts not manufactured for or by Lenovo or non-warranted 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

Support phone numbers

For the Lenovo support phone number for your country or region, go to https://pcsupport.lenovo.com/supportphonelist.

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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.

Appendix A. Important safety information

Non-rechargeable coin-cell battery notice

DANGER

The coin-cell battery replacement must be done by a Lenovo-authorized repair facility or technician. Go to https://support.lenovo.com/partnerlocation for more information.

If the coin-cell battery is incorrectly replaced, there is danger of an explosion. The battery contains a small amount of harmful substance.

Do not heat to more than 100 °C (212 °F).

The following statement applies to users in the state of California, U.S.A.

Products containing manganese dioxide lithium coin-cell batteries may contain perchlorate. Perchlorate Material - special handling may apply, see www.dtsc.ca.gov/hazardouswaste/perchlorate

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Appendix B. Compliance information

Lenovo compliance information Web sites

The latest electronic compliance and environmental information are available from the Lenovo compliance information Web sites.

- To view compliance information, go to https://www.lenovo.com/compliance
- To download environmental declarations, go to https://www.lenovo.com/ecodeclaration

General recycling information

Lenovo encourages owners of information technology (IT) equipment to responsibly recycle their equipment when it is no longer needed. Lenovo offers a variety of programs and services to assist equipment owners in recycling their IT products. For information about recycling Lenovo products, go to https://www.lenovo.com/recycling.

Electromagnetic emissions notices

Federal Communications Commission (FCC) Supplier's Declaration of Conformity

The following information applies to IP Flex 5 Chrome 14IAU7 (machine type: 82T5) and Lenovo Flex5 Chrome 14IAU (machine type: 83AJ, 83AK).

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 an authorized dealer or service representative for help.

Lenovo is not responsible for any radio or television interference caused by using cables and connectors other than those recommended by Lenovo or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

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.

Responsible Party:
Lenovo (United States) Incorporated
7001 Development Drive
Morrisville, NC 27560

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Email: FCC@lenovo.com

Location for the FCC ID and IC ID

If you purchased your Chromebook in the United States or Canada and the Chromebook includes factory-preinstalled wireless modules, a piece of text containing identification strings for these modules (FCC ID and IC ID) is visible on the Chromebook's bottom cover. The text may either be laser etched on the bottom cover or on a physical label affixed to it. To obtain the FCC ID or IC ID for the factory-preinstalled wireless module, check the bottom cover for strings directly after "FCC ID" or "IC ID".

Korea radio frequency compliance statement

무선설비 전파 혼신 **(**사용주파수 **2400~2483.5 , 5725~5825** 무선제품해당**)**

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Appendix C. Accessibility, ergonomic, and maintenance information

Ergonomic information

Good ergonomic practice is important to get the most from your personal Chromebook and to avoid discomfort. Arrange your workplace and the equipment you use to suit your individual needs and the kind of work that you perform. In addition, use healthy work habits to maximize your performance and comfort when using your Chromebook.

Working in the virtual office might mean adapting to frequent changes in your environment. Adapting to the surrounding light sources, active seating, and the placement of your Chromebook hardware, can help you improve your performance and achieve greater comfort.

This example shows someone in a conventional setting. Even when not in such a setting, you can follow many of these tips. Develop good habits, and they will serve you well.

Figure 1. Illustration of proper seating and Chromebook positioning

General posture: Make minor modifications in your working posture to deter the onset of discomfort caused by long periods of working in the same position. Frequent short breaks from your work also help to prevent minor discomfort associated with your working posture.

Display: Position the display to maintain a comfortable viewing distance of 510 mm to 760 mm (20 inches to 30 inches). Avoid glare or reflections on the display from overhead lighting or outside sources of light. Keep the display screen clean and set the brightness to levels that enable you to see the screen clearly. Press the brightness control keys to adjust display brightness.

Head position: Keep your head and neck in a comfortable and neutral (vertical, or upright) position.

Chair: Use a chair that gives you good back support and seat height adjustment. Use chair adjustments to best suit your comfort posture.

Arm and hand position: If available, use chair arm rests or an area on your working surface to provide weight support for your arms. Keep your forearms, wrists, and hands in a relaxed and neutral (horizontal) position. Type with a soft touch without pounding the keys.

Leg position: Keep your thighs parallel to the floor and your feet flat on the floor or on a footrest.

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What if you are traveling?

It might not be possible to observe the best ergonomic practices when you are using your Chromebook while on the move or in a casual setting. Regardless of the setting, try to observe as many of the tips as possible. Sitting properly and using adequate lighting, for example, helps you maintain desirable levels of comfort and performance. If your work area is not in an office setting, ensure to take special note of employing active sitting and taking work breaks. Many product solutions are available to help you modify and expand your Chromebook to best suit your needs. You can find some of these options at https://www.lenovo.com/accessories. Explore your options for docking solutions and external products that provide the adjustability and features that you want.

Questions about vision?

The visual display screens of Chromebooks are designed to meet the highest standards. These visual display screens provide you with clear, crisp images and large, bright displays that are easy to see, yet easy on the eyes. Any concentrated and sustained visual activity can be tiring. If you have questions on eye fatigue or visual discomfort, consult a vision-care specialist for advice.

Basic maintenance tips

- Keep your Chromebook away from magnets, activated cellular phones, electrical appliances, or speakers (more than 13 cm or 5 inches).
- Avoid subjecting your Chromebook to extreme temperatures (below 5 °C/41 °F or above 35 °C/95 °F).
- Avoid placing any objects (including paper) between the display and the keyboard or the palm rest.
- Do not turn your Chromebook over when the ac power adapter is plugged in, otherwise, it could break the adapter plug.
- Before moving your Chromebook, be sure to remove any media, turn off attached devices, and disconnect cords and cables.
- When picking up your open notebook Chromebook, hold it by the bottom. Do not pick up or hold your notebook Chromebook by the display.
- Avoid directly exposing your Chromebook and peripherals to the air from an appliance that can produce negative ions. Wherever possible, ground your Chromebook to facilitate safe electrostatic discharge.

Cleaning your Chromebook

It is a good practice to clean your Chromebook periodically to protect the surfaces and ensure trouble-free operation.

Cleaning the Chromebook cover

Wipe it with a lint-free cloth dampened in mild soap and water. Avoid applying liquids directly to the cover.

Cleaning the keyboard

Wipe the keys one by one with a lint-free cloth dampened in mild soap and water. If you wipe several keys at a time, the cloth might hook onto an adjacent key and possibly damage it. Avoid spraying cleaner directly onto the keyboard. To remove any crumbs or dust from beneath the keys, you can use a camera blower with a brush or use cool air from a hair dryer.

Cleaning the Chromebook screen

Scratches, oil, dust, chemicals, and ultraviolet light can affect the performance of your Chromebook screen. Use a dry, soft lint-free cloth to wipe the screen gently. If you see a scratch-like mark on your screen, it might be a stain. Wipe or dust the stain gently with a soft, dry cloth. If the stain remains, moisten a soft, lint-free

cloth with water or eyeglass cleaner, but do not apply liquids directly to your Chromebook screen. Ensure that the Chromebook screen is dry before closing it.

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