E22931
First Edition / March 2024

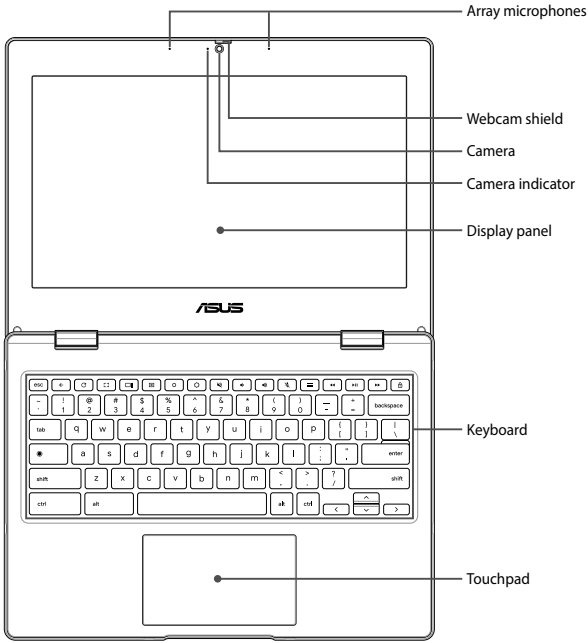
IN SEARCH OF INCREDIBLE

User Guide

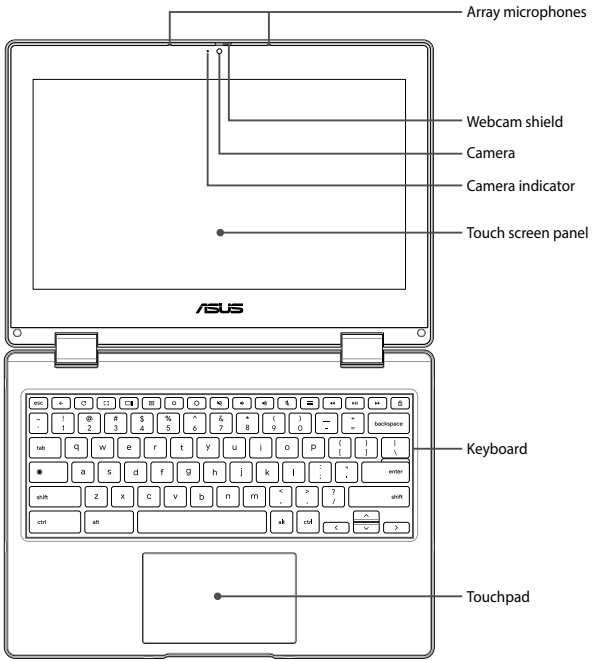
Front View

NOTE: The keyboard's layout may vary per region or country. The front view may also vary in appearance depending on the Chromebook model.

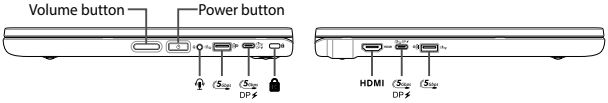
Non-touch screen panel model



Touch screen panel model



I/O ports and slots



Headphone/Headset/Microphone jack

Kensington® security slot

USB 3.2 Gen 1 port

HDMI HDMI output port

USB 3.2 Gen 1 Type-C®/DisplayPort/ Power Delivery combo port

NOTE: This Chromebook supports two external displays.

IMPORTANT! To prevent any damage, use only power sources rated 15V/3A to charge your Chromebook with the USB Power Delivery combo port. For more information, consult an ASUS service center for assistance.

The USB 5Gbps Port Logo is a trademark of the USB Implementers Forum, Inc.

The USB 10Gbps Port Logo is a trademark of the USB Implementers Forum, Inc.

The USB 20Gbps Port Logo is a trademark of the USB Implementers Forum, Inc.

The USB 40Gbps Port Logo is a trademark of the USB Implementers Forum, Inc.

Getting started

NOTE: If you are not using your device for a long period of time, you may enable the long-term storage mode for your Chromebook in a few steps:
https://www.asus.com/support/FAQ/1044476.

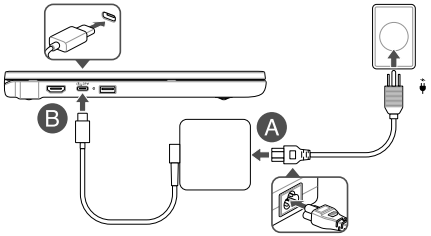
1. Charge your Chromebook

A. Connect the DC power connector into your Chromebook's power (DC) input port.

B. Plug the AC power adapter into a 100V~240V power source.

IMPORTANT! Use only the bundled power adapter to charge the battery pack and supply power to your Chromebook. Carefully plug in and pull out the USB connector horizontally to avoid damage to the USB port. Using excessive force or not inserting the USB connector horizontally may cause damage and affect your warranty.

NOTE: The power adapter may vary in appearance, depending on models and your region.



Charge the Chromebook for **3 hours** before using it in battery mode for the first time.

2. Lift to open the display panel or press the power button to turn on your Chromebook

NOTE: Before turning on your Chromebook for the first time, ensure the DC power adapter is connected and the Two-color battery charge indicator lights up.

Safety notices for your Chromebook

WARNING!
Your Chromebook can get warm to hot while in use or while charging the battery pack. Do not leave your Chromebook on your lap or near any part of your body to prevent injury from heat. When working on your Chromebook, do not place it on surfaces that can block the vents.

CAUTION!

- This Chromebook should only be used in environments with ambient temperatures between 5°C (41°F) and 35°C (95°F).
- Refer to the rating label on the bottom of your Chromebook and ensure that your power adapter complies with this rating.
- The power adapter may become warm to hot while in use. Do not cover the adapter and keep it away from your body while it is connected to a power source.

IMPORTANT!

- Ensure that your Chromebook is connected to the power adapter before turning it on for the first time. Always plug the power cord into a wall socket without using any extension cords. For your safety, connect this device to a properly grounded electrical outlet only.
- When using your Chromebook on power adapter mode, the socket outlet must be near to the unit and easily accessible.
- Locate the input/output rating label on your Chromebook and ensure that it matches the input/output rating information on your power adapter. Some Chromebook models may have multiple rating output currents based on the available SKU.
- Power adapter information:
  - Input voltage: 100-240Vac
  - Input frequency: 50-60Hz
  - Rating output current: 3A (45W)
  - Rating output voltage: 15V

WARNING!
Read the following precautions for your Chromebook's battery:

- Only ASUS-authorized technicians should remove the battery inside the device (for non-removable battery only).
- The battery used in this device may present a risk of fire or chemical burn if removed or disassembled.
- Follow the warning labels for your personal safety.
- Risk of explosion if battery is replaced by an incorrect type.
- Do not dispose of in fire.
- Never attempt to short-circuit your Chromebook's battery.
- Never attempt to disassemble and reassemble the battery (for non-removable battery only).
- Discontinue usage if leakage is found.
- This battery and its components must be recycled or disposed of properly.
- Keep the battery and other small components away from children.

Avis concernant les batteries remplaçables

- La batterie de l'appareil peut présenter un risque d'incendie ou de brûlure si celle-ci est retirée ou désassemblée.
- La batterie et ses composants doivent être recyclés de façon appropriée.

Copyright Information

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This limit also applies to ASUS' suppliers and its reseller. It is the maximum for which ASUS, its suppliers, and your reseller are collectively responsible.

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Service and Support

For complete E-Manual version, refer to our multi-language website at:
https://www.asus.com/support/

FCC RF Exposure Information

This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The exposure standard employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the EUT transmitting at the specified power level in different channels. The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid.

FCC RF Caution Statement

IMPORTANT! Outdoor operations in the 5.15-5.25 GHz band are prohibited. This device has no ad-hoc capability for 5250-5350 and 5470-5725 MHz.

WARNING! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FCC 5.925-7.125 GHz Caution Statement

Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

ISED 5.925-7.125 GHz Caution Statement

RLAN devices:

Devices shall not be used for control of or communications with unmanned aircraft systems.

Les dispositifs ne doivent pas être utilisés pour commander des systèmes d'aéronef sans pilote ni pour communiquer avec de tels systèmes.

UL Safety Notices

- DO NOT use the Chromebook near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
- DO NOT use the Chromebook during an electrical storm. There may be a remote risk of electric shock from lightning.
- DO NOT use the Chromebook in the vicinity of a gas leak.
- DO NOT dispose the Chromebook battery pack in a fire, as they may explode. Check with local codes for possible special disposal instructions to reduce the risk of injury to persons due to fire or explosion.
- DO NOT use power adapters or batteries from other devices to reduce the risk of injury to persons due to fire or explosion. Use only UL certified power adapters or batteries supplied by the manufacturer or authorized retailers.

Coating Notice

IMPORTANT! To provide electrical insulation and maintain electrical safety, a coating is applied to insulate the device except on the areas where the I/O ports are located.

Prevention of Hearing Loss

To prevent possible hearing damage, do not listen at high volume levels for long periods.

Power Safety Requirement

Products with electrical current ratings up to 6A and weighing more than 3Kg must use approved power cords greater than or equal to: H05VV-F, 3G, 0.75mm^2 or H05VV-F, 2G, 0.75mm^2.

Declaration of Compliance for Product Environmental Regulation

ASUS follows the green design concept to design and manufacture our products, and makes sure that each stage of the product life cycle of ASUS product is in line with global environmental regulations. In addition, ASUS disclose the relevant information based on regulation requirements. Please refer to http://csr.asus.com/Compliance.htm for information disclosure based on regulation requirements ASUS is complied with.

EU REACH and Article 33

Complying with the REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals) regulatory framework, we publish the chemical substances in our products at ASUS REACH website at http://csr.asus.com/english/REACH.htm.

EU RoHS

This product complies with the EU RoHS Directive. For more details, see http://csr.asus.com/english/article.aspx?id=35.

Japan JIS-C-0950 Material Declarations

Information on Japan RoHS (JIS-C-0950) chemical disclosures is available on http://csr.asus.com/english/article.aspx?id=19.

India RoHS

This product complies with the "India E-Waste (Management) Rules, 2016" and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs) in concentrations exceeding 0.1% by weight in homogenous materials and 0.01% by weight in homogenous materials for cadmium, except for the exemptions listed in Schedule II of the Rule.

Vietnam RoHS

ASUS products sold in Vietnam, on or after September 23, 2011, meet the requirements of the Vietnam Circular 30/2011/TT-BCT.

Các sản phẩm ASUS bán tại Việt Nam, vào ngày 23 tháng 9 năm2011 trở về sau, đều phải đáp ứng các yêu cầu của Thông tư 30/2011/TT-BCT của Việt Nam.

ASUS Recycling/Takeback Services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components as well as the packaging materials. Please go to http://csr.asus.com/english/Takeback.htm for detailed recycling information in different regions.

ENERGY STAR® Qualified Product

ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices.

All ASUS products with the ENERGY STAR® logo comply with the ENERGY STAR® standard, and the power management feature is enabled by default. The monitor is automatically set to sleep within 10 minutes of user inactivity; the computer is automatically set to sleep within 30 minutes of user inactivity. To wake your computer, click the mouse, press any key on the keyboard, or press the power button.

Please visit https://www.energystar.gov/powermanagement for detailed information on power management and its benefits to the environment. In addition, please visit https://www.energystar.gov for detailed information on the ENERGY STAR® joint program.

NOTE: ENERGY STAR® is NOT supported on FreeDOS and Linux-based products without power management.

Ecodesign Directive

European Union announced a framework for the setting of ecodesign requirements for energy-related products (2009/125/EC). Specific Implementing Measures are aimed at improving environmental performance of specific products or across multiple product types. ASUS provides product information on the CSR website. Further information could be found at https://csr.asus.com/english/article.aspx?id=1555.

EPEAT Registered Products

The public disclosure of key environmental information for ASUS EPEAT (Electronic Product Environmental Assessment Tool) registered products is available at https://csr.asus.com/english/article.aspx?id=41. More information about EPEAT program and purchase guidance can be found at www.epeat.net.

Regional notice for Singapore

Complies with IMDA Standards DB103778

This ASUS product complies with IMDA Standards.

Simplified EU Declaration of Conformity

ASUSTek Computer Inc. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. Full text of EU declaration of conformity is available at https://www.asus.com/support/.

The WiFi operating in the band 5150-5350 MHz shall be restricted to indoor use for countries listed in the table below:

AT	BE	BG	CZ	DK	EE	FR
DE	IS	IE	IT	EL	ES	CY
LV	LI	LT	LU	HU	MT	NL
NO	PL	PT	RO	SI	SK	TR
FI	SE	CH	HR	UK(NI)		

CE

a. Low Power Indoor (LPI) Wi-Fi 6E devices:
The device is restricted to indoor use only when operating in the 5945 to 6425 MHz frequency range in Belgium (BE), Bulgaria (BG), Cyprus (CY), Czech Republic (CZ), Estonia (EE), France (FR), Iceland (IS), Ireland (IE), Lithuania (LT), Germany (DE), Netherlands (NL), Spain (ES).

b. Very Low Power (VLP) Wi-Fi 6E devices (portable devices):
The device is not permitted to be used on Unmanned Aircraft Systems (UAS) when operating in the 5945 to 6425 MHz frequency range in Belgium (BE), Bulgaria (BG), Cyprus (CY), Czech Republic (CZ), Estonia (EE), France (FR), Iceland (IS), Ireland (IE), Lithuania (LT), Germany (DE), Netherlands (NL), Spain (ES).

Simplified UKCA Declaration of Conformity

ASUSTek Computer Inc. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of The Radio Equipment Regulations 2017 (S.I. 2017/1206). Full text of UKCA declaration of conformity is available at https://www.asus.com/support/.

The WiFi operating in the band 5150-5350 MHz shall be restricted to indoor use for the country listed below:

UK

a. Low Power Indoor (LPI) Wi-Fi 6E devices:
   The device is restricted to indoor use only when operating in the 5925 to 6425 MHz frequency range in UK.

b. Very Low Power (VLP) Wi-Fi 6E devices (portable devices):
   The device is not permitted to be used on Unmanned Aircraft Systems (UAS) when operating in the 5925 to 6425 MHz frequency range in UK.

Wi-Fi Network Notice

IMPORTANT! Wi-Fi 6E network card is available on selected models. The connectivity of Wi-Fi 6E band may vary according to the regulation and certification of each country/region.

Federal Communications Commission Interference 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.

FCC COMPLIANCE INFORMATION

Per FCC Part 2 Section 2.1077

Responsible Party:	**Asus Computer International**
Address:	**48720 Kato Rd., Fremont, CA 94538**
Phone/Fax No:	**(510)739-3777/(510)608-4555**

hereby declares that the product

Product Name :	**Chromebook, Notebook PC**
Model Number :	**CR1104CG, CR1104FG, CR1204CG, CR1204FG**

compliance statement:

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.

Ver. 180125

CE RED RF Output table (Directive 2014/53/EU)

CR1104CG/CR1104FG/CR1204CG/CR1204FG

MT7921

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5350 MHz	22 dBm
	5470 - 5725 MHz	19 dBm
	5725 - 5850 MHz	13 dBm
Bluetooth	2402 - 2480 MHz	15 dBm

* Receiver category 1

Intel AX211NGW

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5350 MHz	21 dBm
	5470 - 5725 MHz	22 dBm
	5725 - 5850 MHz	13 dBm
	5945 - 6425 MHz	22 dBm
Bluetooth	2402 - 2480 MHz	12 dBm

* Receiver category 1

FM101-GL

Radio Type	Description	Frequency	Maximum Output Power
WCDMA	WCDMA I	1920 - 1980 MHz	23.68 dBm
	WCDMA VIII	880 - 915 MHz	24.06 dBm
LTE	LTE1	1920 - 1980 MHz	23.12 dBm
	LTE3	1710 - 1785 MHz	23.39 dBm
	LTE7	2500 - 2570 MHz	23.47 dBm
	LTE8	880 - 915 MHz	24.64 dBm
	LTE20	832 - 862 MHz	24.74 dBm
	LTE28	703 - 748 MHz	24.8 dBm
	LTE38	2570 - 2620 MHz	23.17 dBm
	LTE40	2300 - 2400 MHz	23.47 dBm
	LTE42	3400 - 3600 MHz	23.38 dBm
	LTE43	3600 - 3800 MHz	23.37 dBm

UKCA RF Output table
(The Radio Equipment Regulations 2017)

CR1104CG/CR1104FG/CR1204CG/CR1204FG

MT7921

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	20 dBm
	5150 - 5350 MHz	22 dBm
	5470 - 5725 MHz	19 dBm
	5725 - 5850 MHz	13 dBm
Bluetooth	2402 - 2480 MHz	15 dBm

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Intel AX211NGW

Function	Frequency	Maximum Output Power (EIRP)
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	LTE20	832 - 862 MHz	24.74 dBm
	LTE28	703 - 748 MHz	24.8 dBm
	LTE38	2570 - 2620 MHz	23.17 dBm
	LTE40	2300 - 2400 MHz	23.47 dBm
	LTE42	3400 - 3600 MHz	23.38 dBm
	LTE43	3600 - 3800 MHz	23.37 dBm