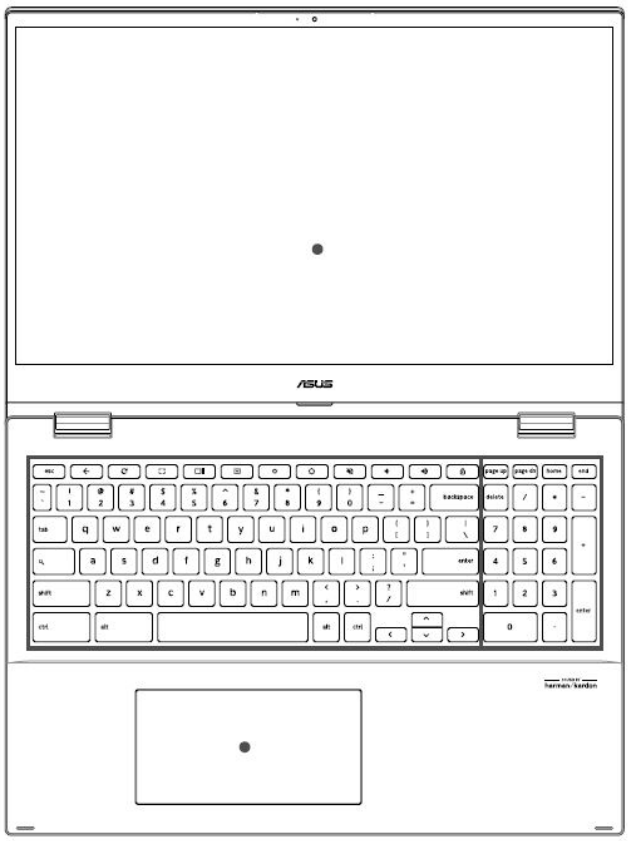

Realtek Semiconductor E18667 Revised Edition V3 Laptop User Guide

Contents

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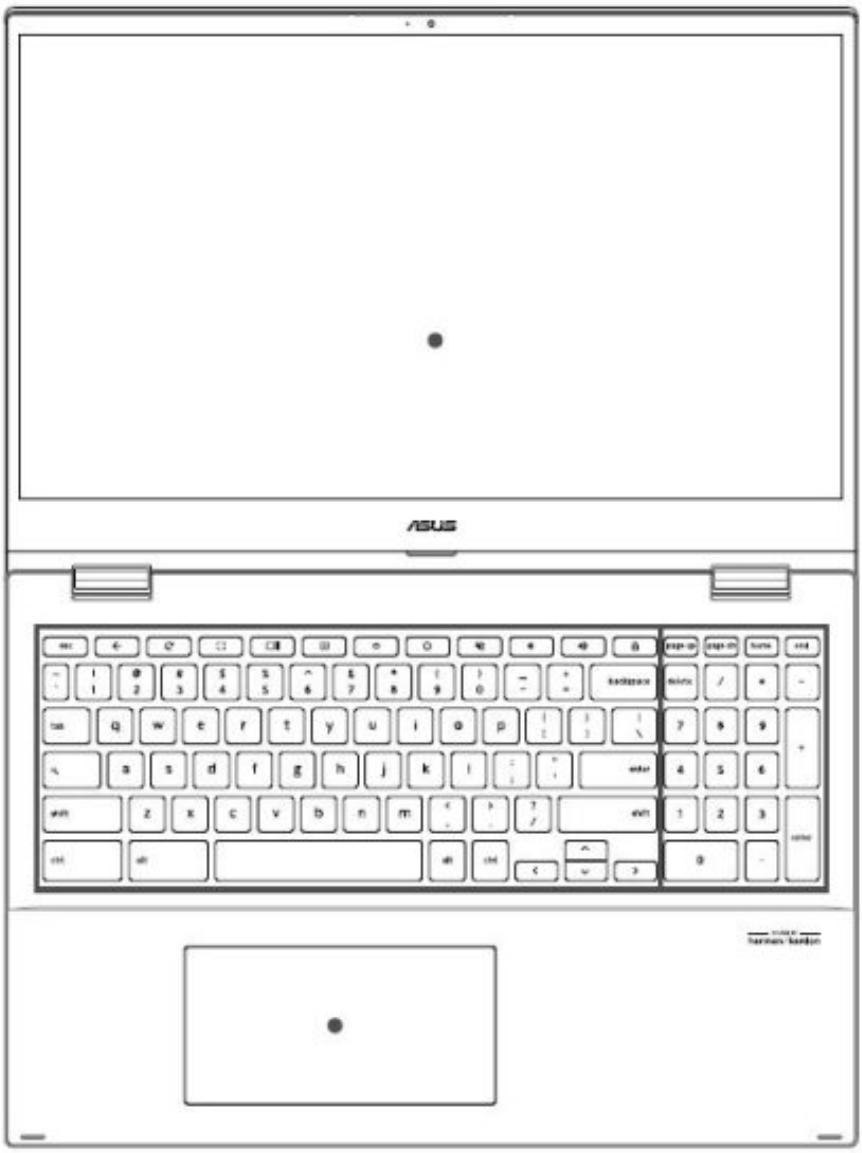
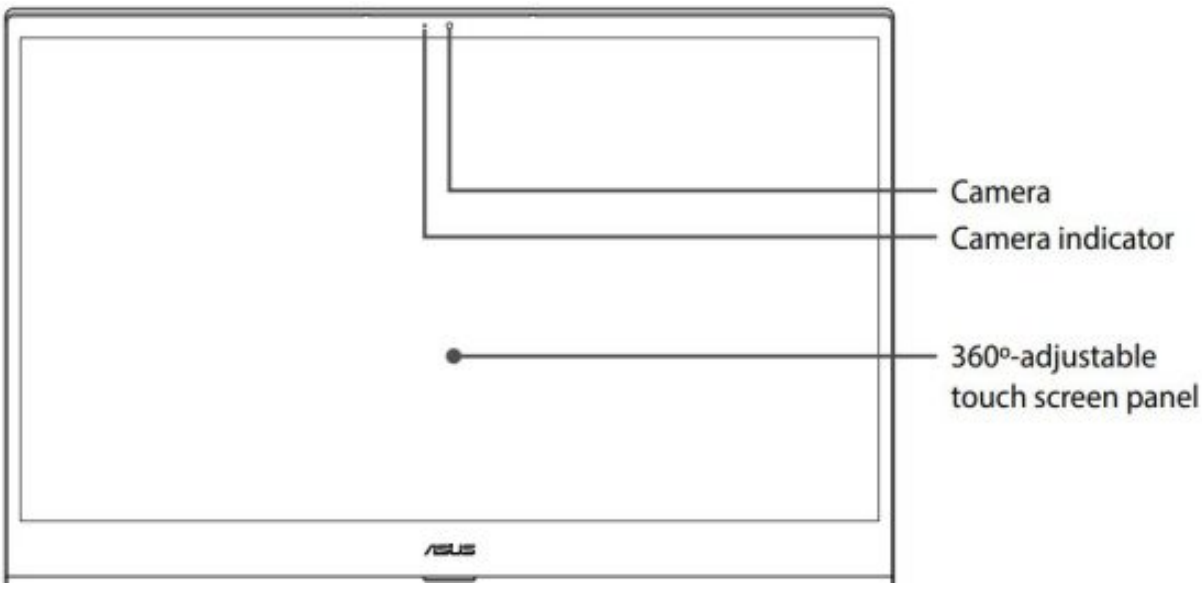
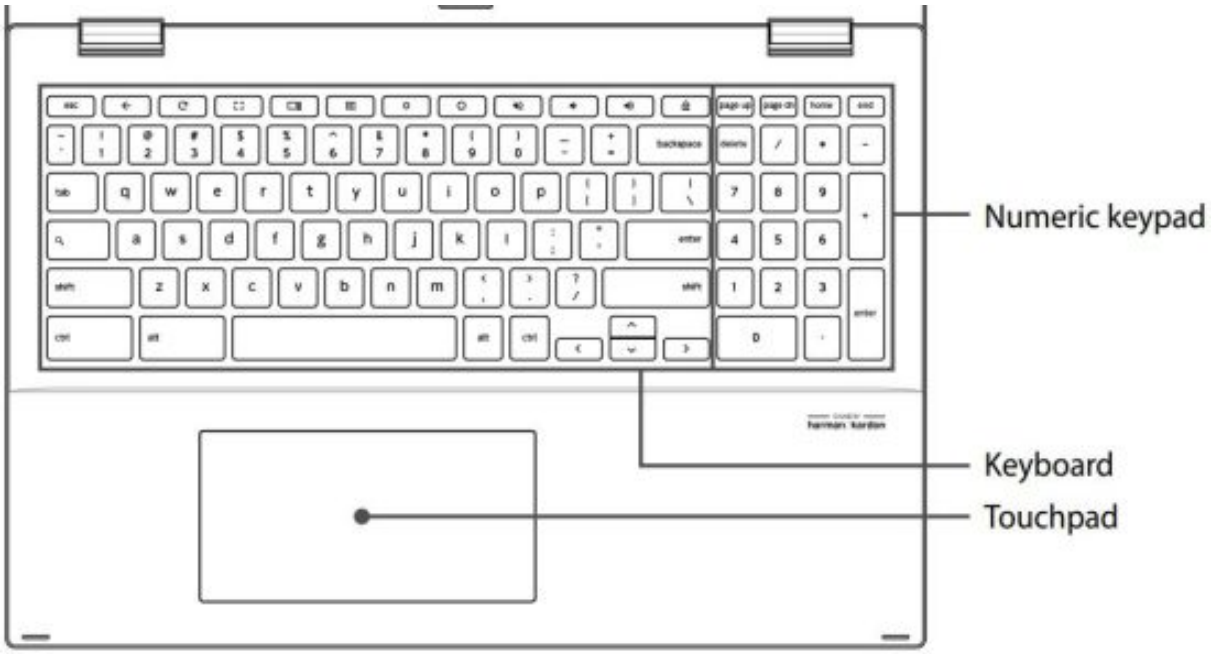


Top View

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





I/O ports and slots

MicroSD card slot*

USB 3.2 Gen 2 port

HDMI output port

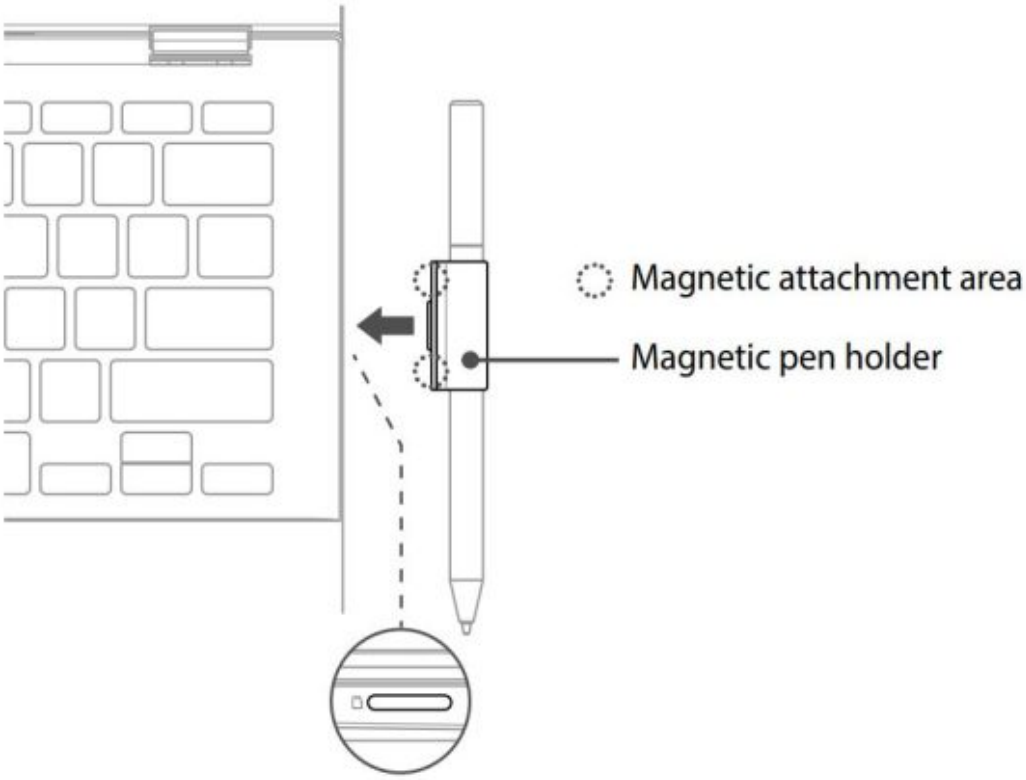
Headphone/Headset jack

USB 3.2 Gen 2 Type-C®/DisplayPort/ Power (DC) input combo port

* On selected models

ASUS Pen

(on selected models)



WARNING! Keep the magnetic attachment away from external storage drives and cards with magnetic strips to prevent demagnetization.

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:

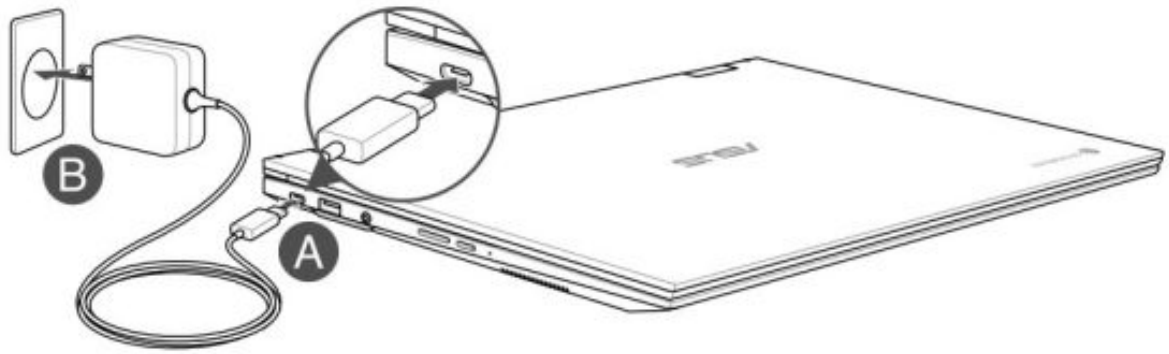
https://www.asus.com/support/FAQ/1044476.

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.

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 and your Chromebook will turn on automatically

NOTE: You can also press the power button to turn your Chromebook on or off.

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

Copyright Information

Limitation of Liability

Circumstances may arise where because of a default on ASUS' part or other liability, you are entitled to recover damages from ASUS. In each such instance, regardless of the basis on which you are entitled to claim damages from ASUS, ASUS is liable for no more than damages for bodily injury (including death) and damage to real property and tangible personal property; or any other actual and direct damages resulted from omission or failure of performing legal duties under this Warranty Statement, up to the listed contract price of each product.
ASUS will only be responsible for or indemnify you for loss, damages or claims based in contract, tort or infringement under this Warranty Statement.

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.

UNDER NO CIRCUMSTANCES IS ASUS LIABLE FOR ANY OF THE FOLLOWING: (1) THIRD-PARTY CLAIMS

AGAINST YOU FOR DAMAGES; (2) LOSS OF, OR DAMAGE TO, YOUR RECORDS OR DATA; OR (3) SPECIAL, INCIDENTAL, OR INDIRECT DAMAGES OR FOR ANY ECONOMIC CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS OR SAVINGS), EVEN IF ASUS, ITS SUPPLIERS OR YOUR RESELLER IS INFORMED OF THEIR POSSIBILITY.

Service and Support

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

FCC Radio Frequency (RF) Exposure Caution Statement
WARNING! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting. End users must follow the specific operating instructions for satisfying RF exposure compliance.

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, 0.75mm2 or H05VV-F, 2G, 0.75mm2.

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.

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.

Ecodesign Directive
European Union announced a framework for the setting of ecodesign requirements for energyrelated 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**.

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 **http://www.energystar.gov/powermanagement** for detail information on power management and its benefits to the environment. In addition, please visit **http://www.energystar.gov** for detail information on the ENERGY STAR joint program.

NOTE: Energy Star is NOT supported on FreeDOS and Linux-based products without power management.

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

This ASUS product complies with IMDA Standards.

Complies with IMDA Standard DB103778

RF Exposure Information (SAR)
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.

Compliance Statement of Innovation, Science and Economic Development Canada (ISED)
This device complies with Innovation, Science and Economic Development Canada license exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems
CAN ICES-003(B)/NMB-003(B)

Radio Frequency (RF) Exposure Information
The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This device has been evaluated for and shown compliant with the IC Specific Absorption Rate ("SAR") limits when operated in portable exposure conditions.

Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

RF Exposure Information (SAR) – CE
This device meets the EU requirements (2014/53/EU) on the limitation of exposure of the

general public to electromagnetic fields by way of health protection.

The limits are part of extensive recommendations for the protection of the general public. These recommendations have been developed and checked by independent scientific organizations through regular and thorough evaluations of scientific studies. The unit of measurement for the European Council's recommended limit for mobile devices is the "Specific Absorption Rate" (SAR), and the SAR limit is 2.0 W/Kg averaged over 10 gram of body tissue. It meets the requirements of the International Commission on Non-Ionizing Radiation Protection (ICNIRP).
For next-to-body operation, this device has been tested and meets the ICNIRP exposure guidelines and the European Standard EN 50566 and EN 62209-2. SAR is measured with the device directly contacted to the body while transmitting at the highest certified output power level in all frequency bands of the mobile device.

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 maximum SAR value is 1.6 W/kg (body) and 2.0 W/kg (limbs) averaged over 10 gram of tissue.

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

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:

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
Model Number : CX5500FE, CB5500FE, CM5500FD, CL5500FD,
C536E, CX5500FEA, CB5500FEA, CM5500FDA,
CL5500FDA, C536EA

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.

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

CX5500FE/CB5500FE/C536E

Intel AX201D2W

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	19 dBm
	5150 - 5350 MHz	21 dBm
	5470 - 5725 MHz	21 dBm
	5725 - 5850 MHz	12 dBm
Bluetooth	2402 - 2480 MHz	12 dBm

For the standard EN 300 440, if this device operates in 5725-5875 MHz, it will be considered as a receiver category 2.

Active Stylus SA300

Function	Frequency	H-field strength (at 10m)
Active Stylus	250 KHz	-36 dBuA/m

CM5500FD/CL5500FD

RTL8822C

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	16 dBm
	5150 - 5350 MHz	19 dBm
	5470 - 5725 MHz	19 dBm
	5725 - 5850 MHz	12 dBm
Bluetooth	2402 - 2480 MHz	7 dBm

* Receiver category 1

Intel AX200D2WL

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	18 dBm
	5150 - 5350 MHz	21 dBm
	5470 - 5725 MHz	21 dBm
	5725 - 5850 MHz	12 dBm
Bluetooth	2402 - 2480 MHz	12 dBm

* Receiver category 2

Active Stylus SA300

Function	Frequency	H-field strength (at 10m)
Active Stylus	250 KHz	-36 dBuA/m

UKCA RF Output table
(The Radio Equipment Regulations 2017)

CX5500FE/CB5500FE/C536E

Intel AX201D2W

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	19 dBm
	5150 - 5350 MHz	21 dBm
	5470 - 5725 MHz	21 dBm
	5725 - 5850 MHz	12 dBm
Bluetooth	2402 - 2480 MHz	12 dBm

For the standard EN 300 440, if this device operates in 5725-5875 MHz, it will be considered as a receiver category 2.

Active Stylus SA300

Function	Frequency	H-field strength (at 10m)
Active Stylus	250 KHz	-36 dBuA/m

CM5500FD/CL5500FD

RTL8822C

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	16 dBm
	5150 - 5350 MHz	19 dBm
	5470 - 5725 MHz	19 dBm
	5725 - 5850 MHz	12 dBm
Bluetooth	2402 - 2480 MHz	7 dBm

* Receiver category 1

Intel AX200D2WL

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	18 dBm
	5150 - 5350 MHz	21 dBm
	5470 - 5725 MHz	21 dBm
	5725 - 5850 MHz	12 dBm
Bluetooth	2402 - 2480 MHz	12 dBm

* Receiver category 2

Active Stylus SA300

Function	Frequency	H-field strength (at 10m)
Active Stylus	250 KHz	-36 dBuA/m

Read More About This Manual & Download PDF:

Documents / Resources

	Realtek Semiconductor E18667 Revised Edition V3 Laptop [pdf] User Guide RTL8822C, TX2-RTL8822C, TX2RTL8822C, E18667 Revised Edition V3 Laptop, Revised Editi on V3 Laptop

References

- ASUS Corporate Social Responsibility
- Chemical Substance Management | Green Material Usage | Circular Economy | ASUS ESG website, ASUS ESG goal
- ASUS ESG website, ASUS ESG goal
- Global Take Back Service | Resource Regeneration | Circular Economy | ASUS ESG website, ASUS ESG goal
- ENERGY STAR | The simple choice for energy efficiency.
- Put Your Computers to Sleep | ENERGY STAR
- EPEAT Registry
- ASUS Corporate Social Responsibility
- ASUS Corporate Social Responsibility
- Official Support | ASUS Global
- [Chromebook] How to store Chromebook for a long period of time ? | Official Support | ASUS Global