# ASUS Hangouts Meet hardware kit

## GQE10A

## User Guide

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

**E16374**
**First Edition**
**February 2020**

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# About this user guide

This user guide provides information about the hardware and software features of your Meeting Computer System hardware kit, organized through the following chapters:

**Chapter 1: Getting to know your Meeting Computer System**
This chapter details the hardware components of your Meeting Computer System.

**Chapter 2: Using your Meeting Computer System hardware kit**
This chapter provides you with information on using your Meeting Computer System.

**Chapter 3: Configuring your Meeting Computer System hardware kit**
This chapter provides you with information on setting your Meeting Computer System for video conferencing.

**Troubleshooting**
This section includes instructions on how to fix a problem that you may encounter when using your Meeting Computer System hardware kit.

**Appendix**
This section includes notices and safety statements for your Meeting Computer System.

## Conventions used in this user guide

To highlight key information in this user guide, some text are presented as follows:

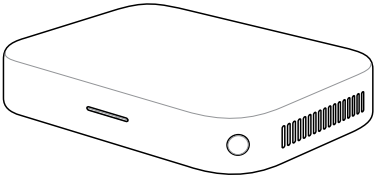
**IMPORTANT!** This message contains vital information that must be followed to complete a task.

**WARNING!** This message contains important information that must be followed to keep you safe while performing certain tasks and prevent damage to your device, data and components.

**NOTE:** This message contains additional information that can help complete tasks.

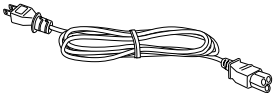
# Package contents

Your Meeting Computer System hardware kit package contains the following items:



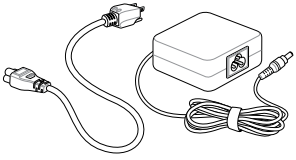
Meeting Computer System

Wall mounting plate



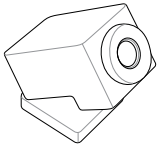
Power cable*

Wall mounting plate screw set



AC power adapter*

Standing mount

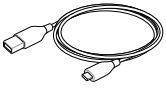


Camera

Camera USB cable
(Type-A to Type-C™)

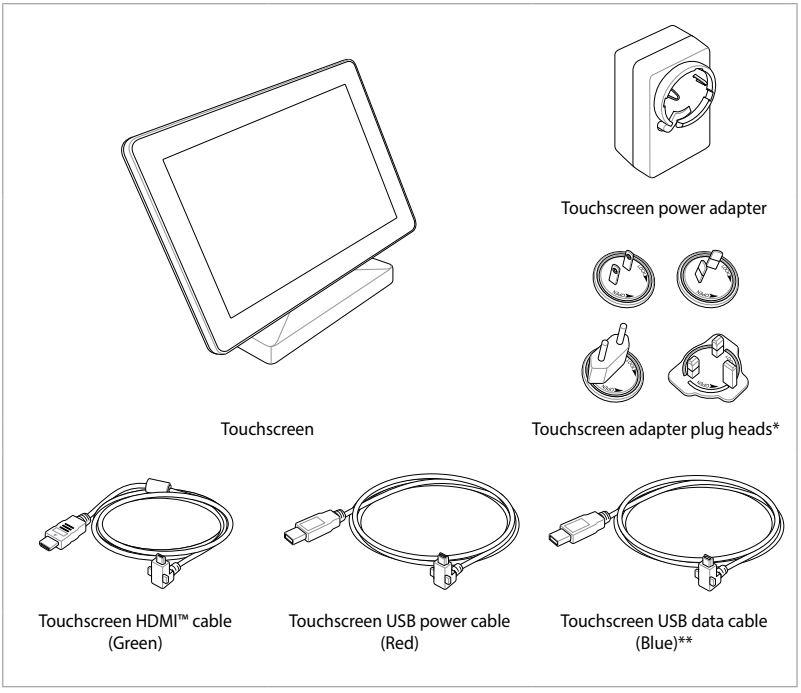
Technical documentations

Speakermic



Speakermic cable
(Type-A to Micro USB)

**The bundled power adapter may vary with territories.*




* *The bundled power adapter plug heads may vary with territories*

** *The bundled Touchscreen USB data cable (Blue) may vary with territories*

**NOTE:**

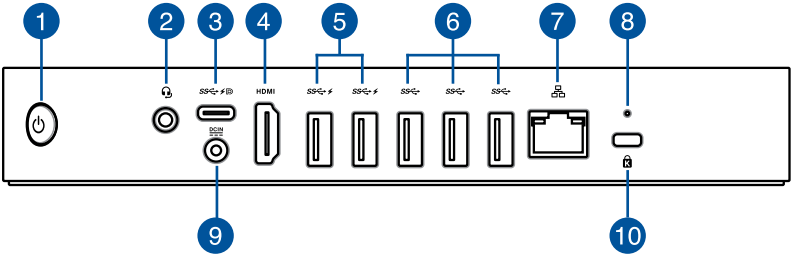
- If the device or its components fail or malfunction during normal and proper use within the warranty period, bring the warranty card to the ASUS Service Center for replacement of the defective components.
- Some bundled accessories may vary with different models. For details on these accessories, refer to their respective user manuals.

# 1

# Getting to know your Meeting Computer System

# Features

## Rear view




### 1 Power button

The power button allows you to turn the Meeting Computer System on or off. You can use the power button to put your Meeting Computer System to sleep mode or press it for four (4) seconds to force shutdown your Meeting Computer System.

### 2 Headphone/Headset/Microphone jack

This port allows you to connect amplified speakers or headphones. You can also use this port to connect your headset or an external microphone.

### 3 USB 3.1 Gen 1 Type-C®/DisplayPort combo port

This USB Type-C® (Universal Serial Bus) port provides a transfer rate of up to 5 Gbit/s; supports DisplayPort 1.2 (3840 x 2160) at 60Hz with 24-bit color; and supports Power Delivery at 5v, 3A. Use a USB Type-C® adapter to connect your Meeting Computer System to an external display.

### 4 HDMI™ port

The HDMI™ (High Definition Multimedia Interface) port supports a Full-HD device such as an LCD TV or monitor to allow viewing on a larger external display.

5 **USB 3.2 Gen 1 port**

The USB 3.2 Gen 1 (Universal Serial Bus) port provides a transfer rate up to 5 Gbit/s. This port also supports the Battery Charging 1.2 technology that allows you to charge your USB devices.

**NOTE:** Battery Charging 1.2 technology is only available on selected models, and provides a maximum of 5V / 1.5A output.

6 **USB 3.2 Gen 1 port**

The USB 3.2 Gen 1 (Universal Serial Bus) port provides a transfer rate up to 5 Gbit/s.

7 **LAN port**

The 8-pin RJ-45 LAN port supports a standard Ethernet cable for connection to a local network.

8 **Reset button**

The reset button allows you to reset the Meeting Computer System.

9 **Power input**

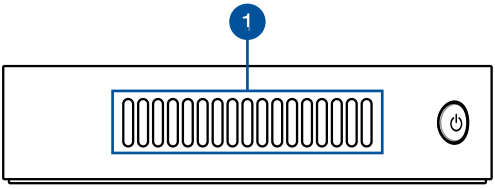
The supplied power adapter converts AC power to DC power for use with this jack. Power supplied through this jack supplies power to the Meeting Computer System. To prevent damage to the Meeting Computer System, always use the supplied power adapter.

WARNING! The power adapter may become warm to hot when in use. Do not cover the adapter and keep it away from your body.

10 **Kensington security slot**

The Kensington security slot allows you to secure your Meeting Computer System using Kensington® security products.

## Left side view

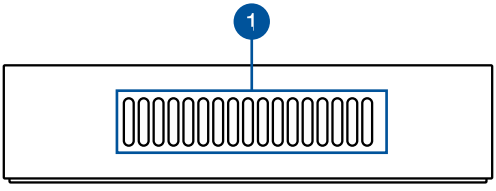



1 **Air vents (exhaust vent)**

The air vents allow your Meeting Computer System chassis to expel hot air out.

**IMPORTANT!** For an optimum heat dissipation and air ventilation, ensure that the air vents are free from obstructions.

## Right side view

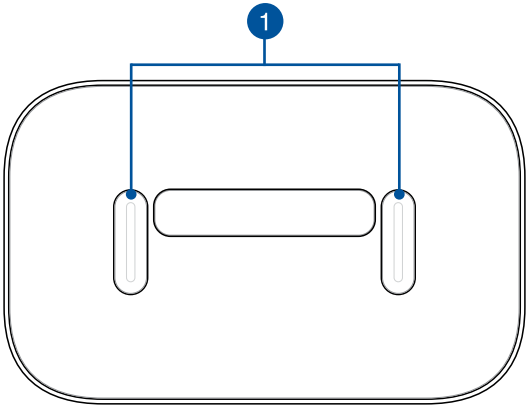



1 **Air vents (intake vent)**

The air vents allow cooler air to enter your Meeting Computer System chassis.

**IMPORTANT!** For an optimum heat dissipation and air ventilation, ensure that the air vents are free from obstructions.

## Bottom view




### 1 Mount pad slots

The mount slots are used to attach the Meeting Computer System to the wall mounting plate or the standing mount.

2

# Using your Meeting Computer System hardware kit

# Getting started

## Connect a display panel to your Meeting Computer System

You can connect a display panel or projector that has the following connectors:

- HDMI™ connector
- DisplayPort (USB Type-C®)
- DVI connector (used with an HDMI™–DVI adapter)

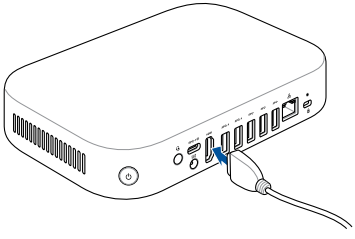
**NOTE:**

- The HDMI™–DVI adapter is purchased separately.
- The USB Type-C®-HDMI™ cable is purchased separately.

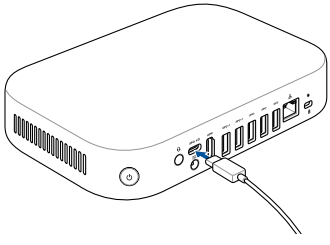
### To connect a display panel to your Meeting Computer System:

Connect a display cable either to the HDMI™ port or the Type-C® DisplayPort.

Connect display via HDMI™ port



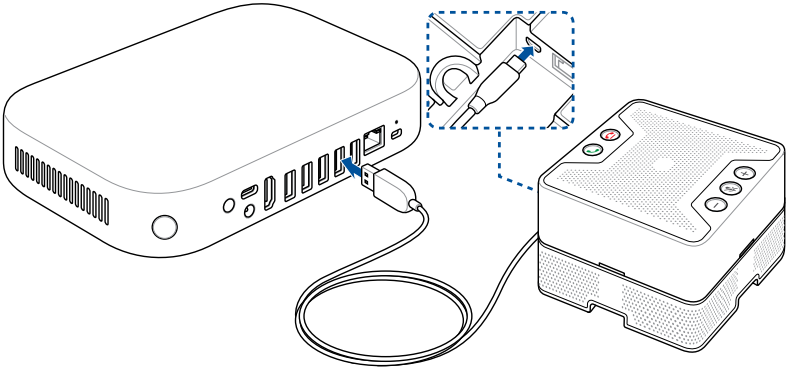
Connect display via USB Type-C® DisplayPort



## Connect the speakermic

Connect the speakermic to a USB 3.2 Gen 1 port on the rear of your Meeting Computer System.

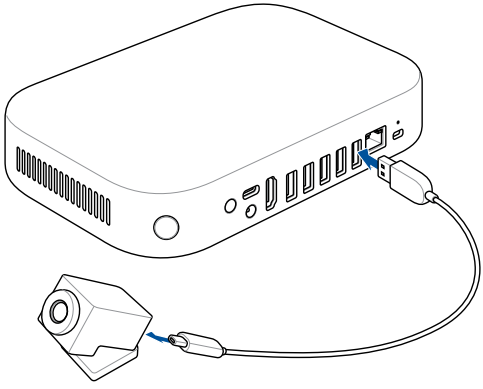
**NOTE:** Please refer to pages 35-36 for more information on the recommended USB 3.2 Gen 1 port to connect the speakermic to.



## Connect the camera

Connect the camera to a USB 3.2 Gen 1 port on the rear of your Meeting Computer System.

**NOTE:** Please refer to pages 35-36 for more information on the recommended USB 3.2 Gen 1 port to connect the camera to.



## Connect the touchscreen

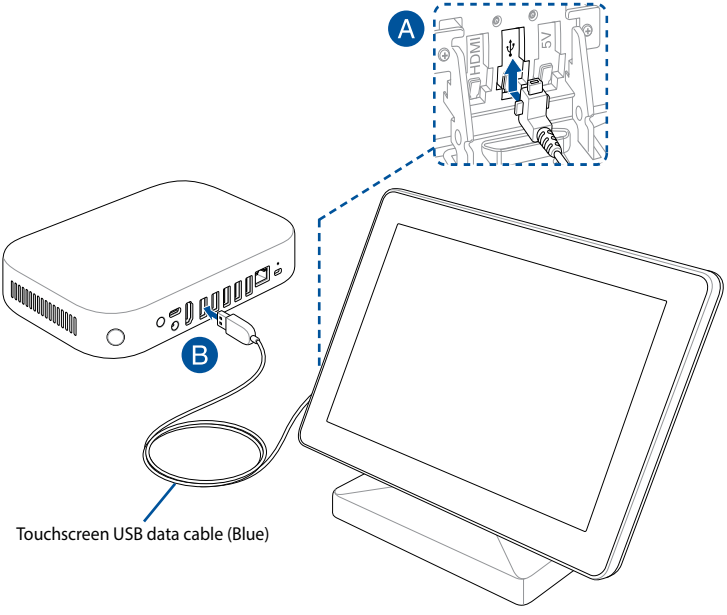
### To connect the touchscreen to your Meeting Computer System

**NOTE:** Ensure to use the Touchscreen USB data cable (Blue).

A. Connect the Touchscreen USB data cable (Blue) to the data USB port on your touchscreen.

B. Connect the touchscreen to a USB 3.2 Gen 1 port on the rear of your Meeting Computer System. Ensure to connect the USB 3.2 Gen 1 connector to connect to your Meeting Computer System.

**NOTE:** Please refer to pages 35-36 for more information on the recommended USB 3.2 Gen 1 port to connect the touchscreen to.



## To connect the AC power adapter of your touchscreen

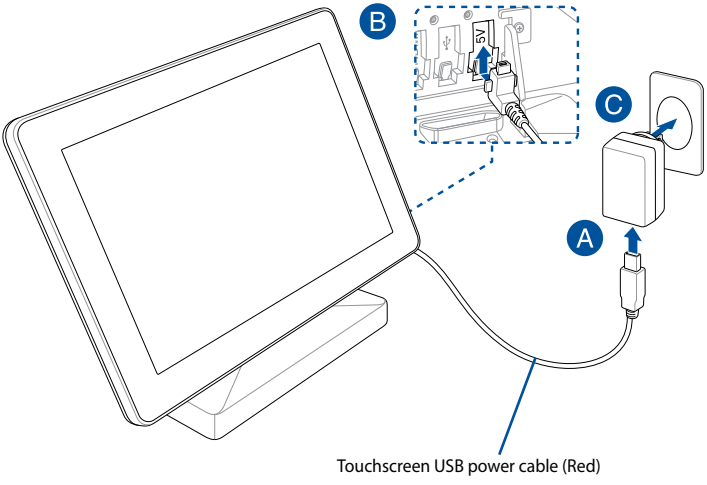
**NOTE:** Ensure to use the Touchscreen USB power cable (Red).

A. Connect the Touchscreen USB power cable (Red) to the AC power adapter.

B. Connect the Touchscreen USB power cable (Red) to the power USB port on your touchscreen.

C. Attach the appropriate adapter plug head to the adapter, then plug the AC power adapter into a 100V~240V power source.

**NOTE:** For more information on attaching the adapter plug head to the adpater, refer to the user guide bundled with the touchscreen.



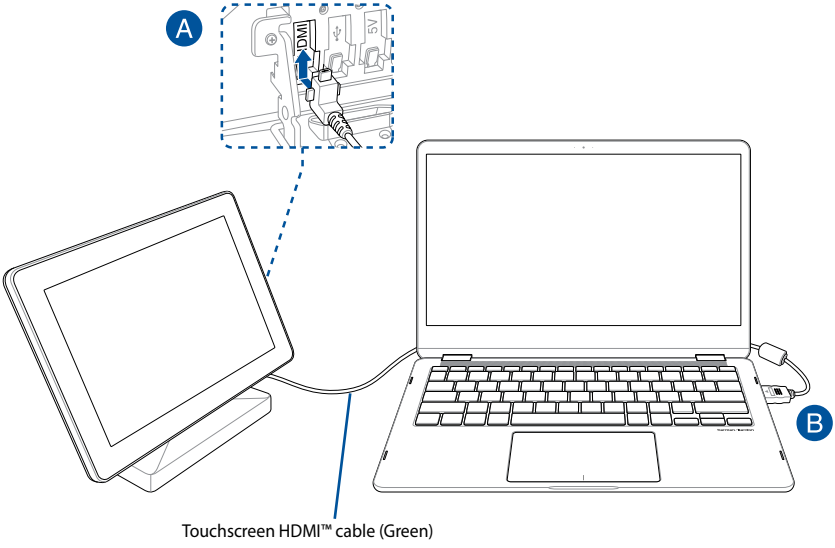
## To connect the touchscreen for local presentations (optional)

**NOTE:** Ensure to use the Touchscreen HDMI™ cable (Green).

A. Connect the Touchscreen HDMI™ cable (Green) to the HDMI™ port on your touchscreen.

B. Connect the touchscreen to a device's (such as a laptop) HDMI™ out port for local presentations.

**WARNING!** Do not connect the HDMI™ cable (Green) to your Meeting Computer System.



## Connect the AC power adapter to your Meeting Computer System

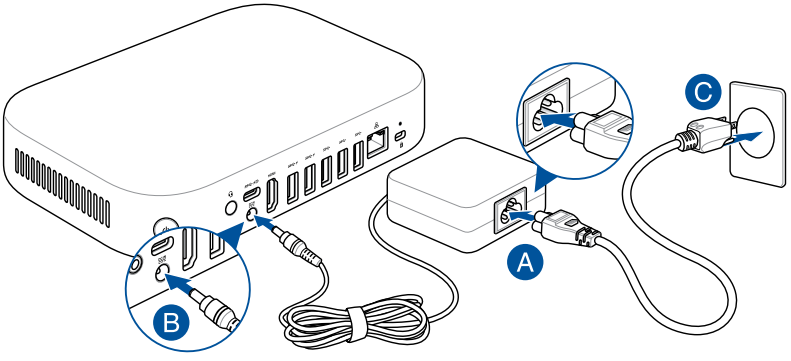
**To connect the AC power adapter to your Meeting Computer System:**

A. Connect the AC power cord to the AC/DC adapter.

B. Connect the DC power connector into your Meeting Computer System's power (DC) input port.

C. Plug the AC power cord into a 100V~240V power source.

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



**IMPORTANT!**

- We strongly recommend that you use only the AC power adapter that came with your Meeting Computer System.
- We strongly recommend that you use a grounded wall socket while using your Meeting Computer System.
- The socket outlet must be easily accessible and near your Meeting Computer System.
- To disconnect your Meeting Computer System from its main power supply, unplug your Meeting Computer System from the power socket.

**NOTE:**

Please refer to the following information on the adapter:

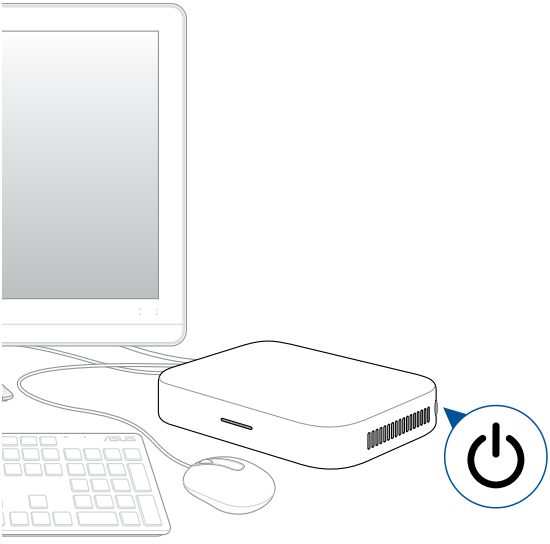
90W Power adapter

- Input voltage: 100-240 Vac
- Input frequency: 50-60 Hz
- Rating output current: 4.62 A (90W)
- Rating output voltage: 19.5 V

## Turn on your Meeting Computer System

Press the power button to turn on your Meeting Computer System.

**IMPORTANT!** Ensure that all peripherals (speakermic, camera, touchscreen) and AC power adapter are connected properly before you turn on your Meeting Computer System.



# 3

# Configuring your Meeting Computer System hardware kit

# Before you begin using your device for video conferencing

## Setup requirements

### Room size and setup

Your Meeting Computer System hardware kit system is designed for a 2-10 person conference room. We recommend a room that contains either a long table with the monitor at one end (optimal), or a round table. We do not recommend using Meeting Computer System with rooms set up in a classroom style.

The room must have the following:

- Live Ethernet port (for wired network connections)
- AC power outlet

### Network requirements

Your Meeting Computer System device works with both wired and wireless networks. The network requirements are the same as those for Hangouts. In addition, we recommend a minimum bandwidth of 1 mbps or 2 mbps (up/down) for group video conferencing.

**NOTE:** Although you can use your Meeting Computer System device over a wireless network connection, we recommend using a wired network connection for best sound and video quality.

## Space requirements

- For the Meeting Computer System device, you must have a 50 mm x 145 mm x 145 mm / 1.97 in. x 5.71 in. x 5.71 in. (H x W x L) space available to mount the device or place it on a table.
- For the speakermic, you must have at least a 55 mm x 140 mm x 150 mm / 2.17 in. x 5.51 in. x 5.91 in. (H x W x L) space available to place the unit on the table or mount it on the wall.
- The universal hook mount on the camera fits the width on most standard monitors.

## Display requirements and placement

Your Meeting Computer System work with LCD, LED, plasma, and projector-type monitors and televisions. The display must have an HDMI™ or DisplayPort input. The screen resolution must be at least 1280 x 720 pixels. For best video quality, we recommend a resolution of 1920 x 1080 pixels.

You can place the display on a table against one wall, or mount the display on a wall or ceiling for a projector unit. Note that if you mount the display, you may need to drill holes and conceal cables. If you have an existing video conferencing system in the room, you may be able to repurpose the existing setup for your Meeting Computer System system.

## Speakermic placement

The optimal speakermic placement is up to 1.5 meters from all participants, but may also depend on the size and layout of the conference room:

- For rooms where participants sit at one end of the room facing the display, we recommend placing the speakermic at the end of the table closest to the Meeting Computer System and the display.
- In larger rooms where participants sit talking around a table independent of the position of the display, we recommend placing the speakermic in the center of the table.

## Connectors and accessories

Depending on your setup, you may need the following:

- CAT5e Ethernet cable for wired network connection
- Meeting Computer System wall mount for wall mounting (included)
- USB extension cable for camera for distances exceeding 5 feet (one cable included)
- USB extension cable for speakermic for distances exceeding 3 feet (one cable included)

**NOTE:** If you need extension cables for both the camera and the speakermic, you can purchase a second one separately.

- Cable concealers, if needed for wall mounting

**NOTE:** The cable concealers for wall mounting and CAT5e Ethernet cable are not included in the package and must be purchased separately.

**IMPORTANT!** The included cable for the camera is 5 feet long, and the included cable for the speakermic is 3 feet long. If your setup of the display, Meeting Computer System, and peripherals requires longer distances, you may need to purchase additional USB extension cables.

## Setup your system

You can mount your Meeting Computer System to the bundled wall mounting plate or mount the Meeting Computer System to the bundled standing mount. The wall mount and standing mount comes included with your Meeting Computer System package.

**WARNING!**

- Pulling or pushing on the Meeting Computer System may cause the device to fall.
- Do not install your mount kit while your Meeting Computer System is turned on. This may cause personal injuries or damage the system.

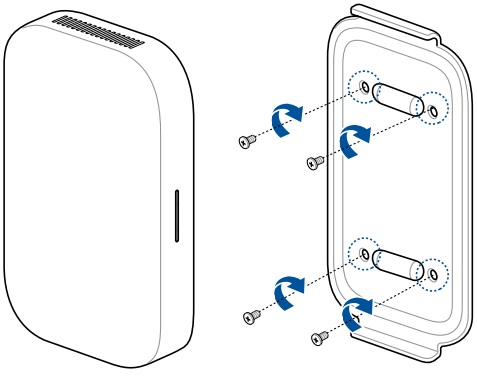
### Using the Wall mount

Use the bundled wall mount plate to attach the Meeting Computer System to a wall. Please follow the steps below to install the wall mount and Meeting Computer System:

**IMPORTANT!** The equipment should not be mounted higher than 2 m from the floor or should not be mounted higher than 75 cm from a flat surface.

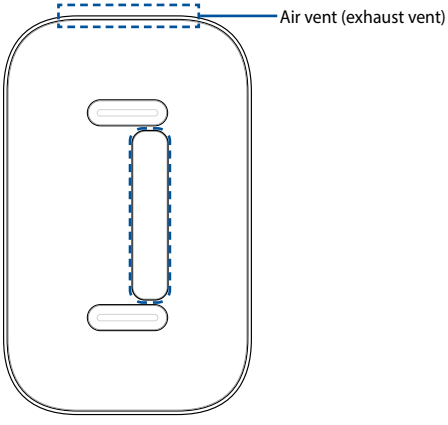
1. Secure the wall mount to a wall using the four (4) screws.

**NOTE:** The screws are self tapping M3.5 24 mm long, flat countersunk head type screws.



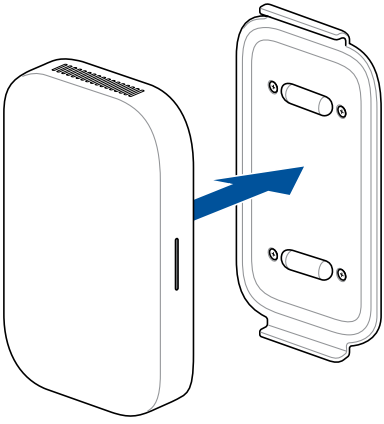
2. Locate the pill-shape on the bottom of your device and orientate it as shown in the illustration below so that the exhaust air vents faces upwards.

**NOTE:** Please refer to **Chapter 1 Getting to know your Meeting Computer System** for more information on the location of the exhaust air vents.

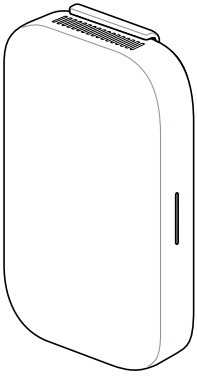


3. Your device will be magnetized onto the wall mount plate, please ensure the mount pad slots are aligned with the wall mount before placing the device onto the wall mount plate.

**NOTE:** Please refer to **Chapter 1 Getting to know your Meeting Computer System** for more information on the location of the mount pad slots.



4. Manually adjust your device if needed for a more secure fit.

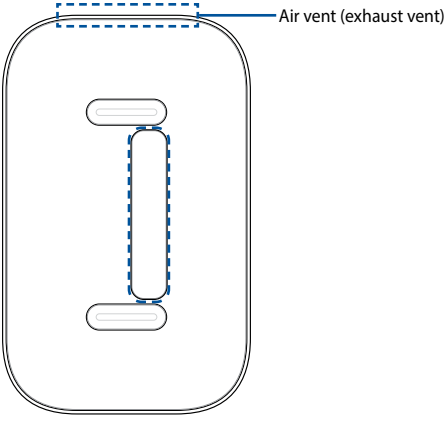


## Using the standing mount

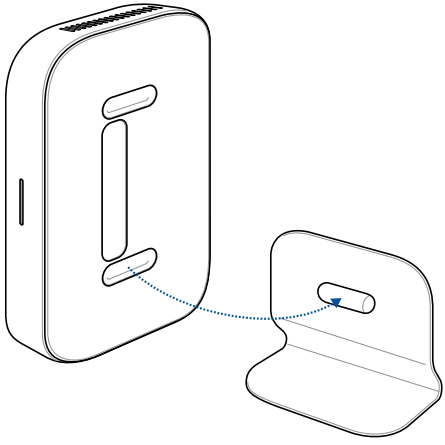
To attach your Meeting Computer System to the bundled standing mount, please follow the steps below:

1. Locate the pill-shape on the bottom of your device and orientate it as shown in the illustration below so that the exhaust air vents faces upwards.

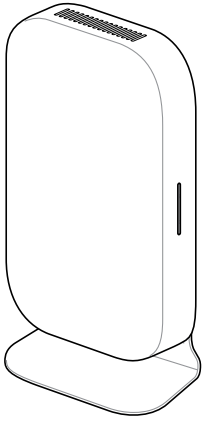
**NOTE:** Please refer to **Chapter 1 Getting to know your Meeting Computer System** for more information on the location of the exhaust air vents.



2. Align your device's mount pad slot to the standing mount, then bring the device closer to the mount. Your device will be magnetized and attach onto the standing mount.



3. Manually adjust your device if needed for a more secure fit.



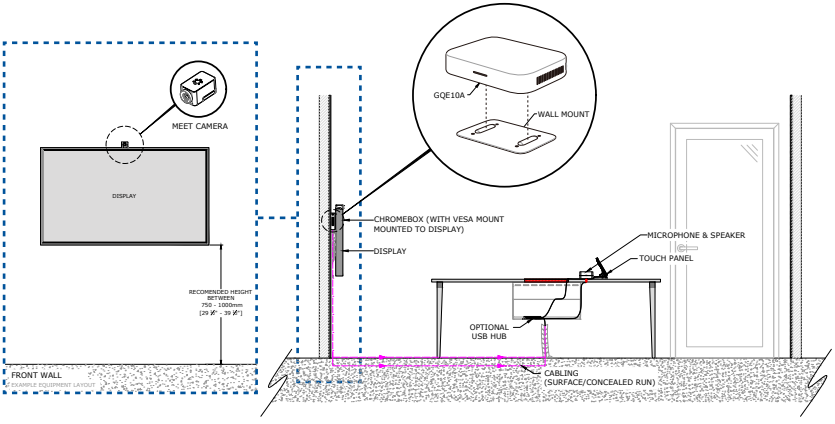
## Place your camera

You may install your camera below or on top of the display depending on the screen height.

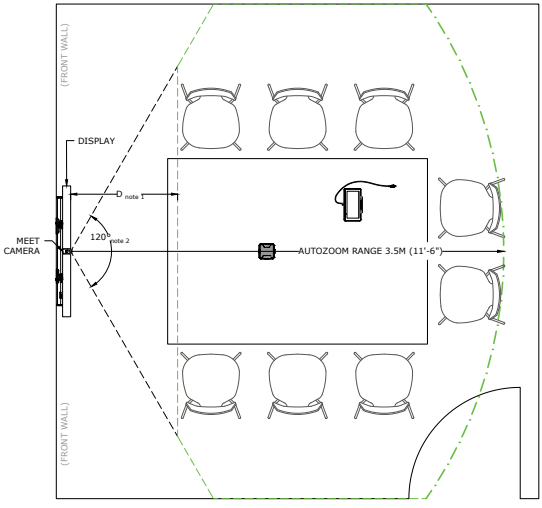
**NOTE:** Keep the camera as close to eye level as possible.

## Recommended meeting room configuration 1

### System setup

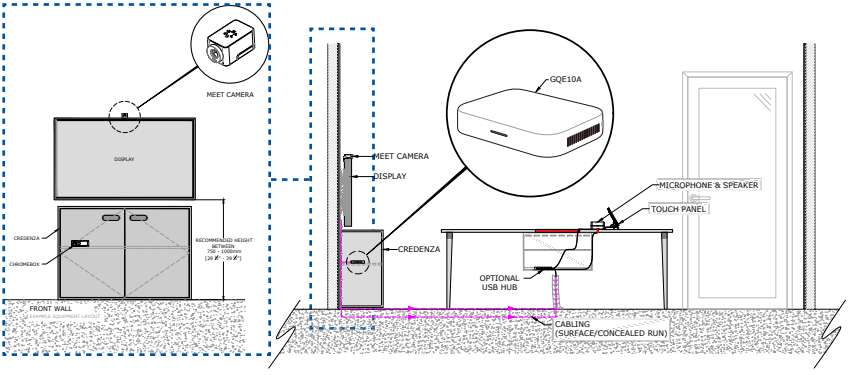



### Room layout example

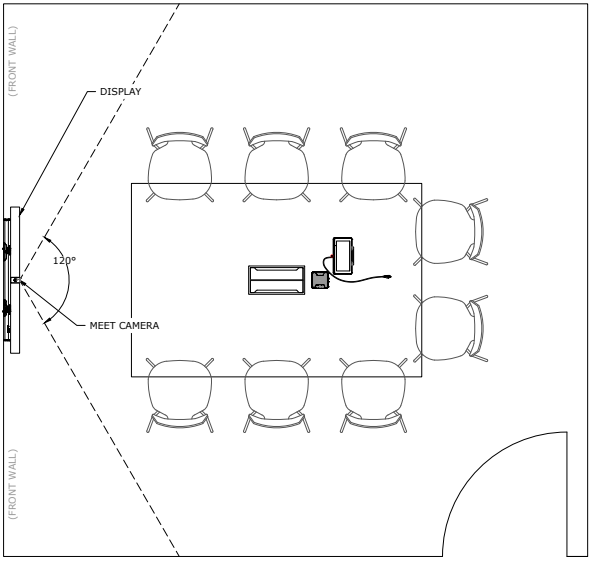


# Recommended meeting room configuration 2

## System setup



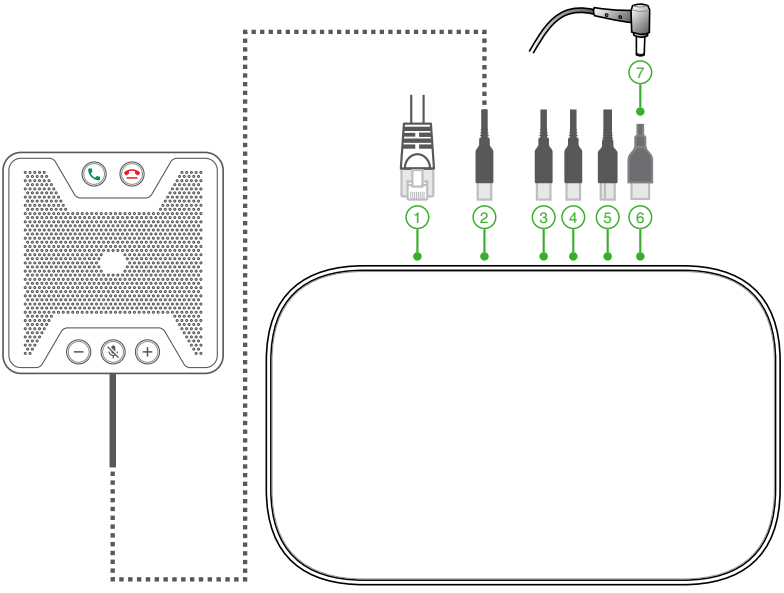

## Room layout example



## Connect your cables

Using the included cables and sensor, connect your Meeting Computer System to the other system components:

**NOTE:** The connections shown in the illustrations are recommended, you may adjust the connections accordingly to suit your needs.




1. LAN port connects to a router.

   **NOTE:** Although you can use your Meeting Computer System device over a wireless network connection, we recommend using a wired network connection for optimal sound and video quality.

2. USB 3.2 Gen 1 port connects the speakermic assembly.
3. USB 3.2 Gen 1 port connects the camera.

4. USB 3.2 Gen 1 port connects to the touchscreen
5. HDMI™ connects a display with HDMI™ connector.
6. DisplayPort connects a display with USB Type-C® connector.
7. Power port connects to a power outlet.

**IMPORTANT!** Be sure to connect to a power outlet last, after you have made all the other connections.

You can find connection instructions for your specific model on the Meeting Computer System hardware kit product site.

# Enroll your device

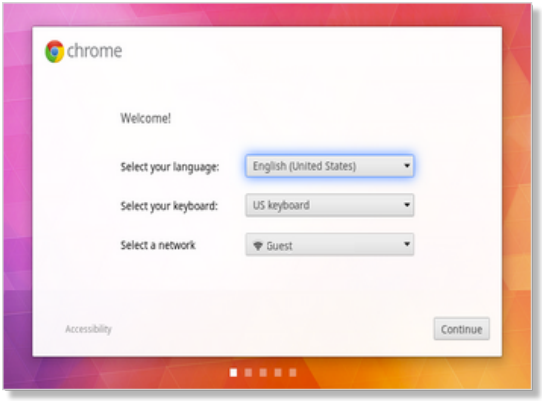
## Complete basic enrollment

This section explains the basic enrollment flow, which works for almost all users. To learn about other options shown during the enrollment process, see **Advanced enrollment options**.

**NOTE:** We recommend connecting a USB keyboard to make entering the enrollment information easier.

To complete basic enrollment:

1. Turn on the display.
2. Turn on the Meeting Computer System.
3. Verify or change your language, keyboard layout, and network.




**NOTE:** If your network doesn't appear in the **Select a network** list, select **Join Network** and enter the correct settings. Ask your network administrator for the settings if you don't know them.

4. Select **Continue**.
5. **Accept** the Google Chrome OS Terms.
6. Sign in with your Google Apps email address and password.
7. The enrollment process takes place automatically. After the process is complete, click **Done**.
8. When the Hangouts screen appears, follow the onscreen instructions to test your camera and speakermic.

**NOTE:**

If you can't see video or hear audio during the test:

- Ensure that your camera and speakermic were connected to your Meeting Computer System before you turned on your device.
- Ensure that your camera and speakermic are connected to your device properly.
- Unplug the cables and plug them in again, then restart your device.

9. Click through the screens to view tips on using Meeting Computer System.

At the end of device enrollment, the screen displays a URL for this device's page in the Meeting Computer System Admin console. Using this URL, an admin user must add the room's online calendar to the device to enable scheduled meetings.

## Advanced enrollment options

Users can go through the simple enrollment flow described in Complete basic enrollment to enroll their device. Additional options are available for users who want to customize the setup experience or learn more. These options appear on the second enrollment screen, except for accessibility, which appears on both the first and second screens:

**Accessibility:** Accessibility options include larger font and cursor size, voice prompts, and more. The options you select here apply to the setup process and Out-of-box experience (OOBE) process. To select the Accessibility link, press the **Continue** or **Accept and continue** button.

**NOTE:** High contrast mode only takes effect during enrollment and not in the OOBE process.

**Help make Chrome OS better:** Allows your device to send usage and crash info to Google helping us improve the Chrome OS experience for all users. To learn more about this option, click the **Learn more** link onscreen.

**System security setting:** Read more about the Meeting Computer System security settings.

**Google Chrome OS Terms:** Scroll up and down to review the terms.

# Manage devices and rooms

You can view, modify and update your Meeting Computer System and rooms through the Google Admin console. For more details on managing your devices and rooms, please visit the Meeting Computer System Help website.

# *Troubleshooting*

# Fix a problem

## Manage devices and rooms

### I do not know how to identify the Meeting Computer System device I want on the device list screen.

If you are not sure which device to click, you can identify the correct one by its serial number. You can find your device's serial number on the card that was included in the box and on the bottom of the device itself.

# Help and support

Visit support.google.com/chromedevicesformeetings for more detailed set-up and provisioning instructions, customizable table mats, or to print guides for your users.

# Appendix

# Safety information

Your Meeting Computer System is designed and tested to meet the latest standards of safety for information technology equipment. However, to ensure your safety, it is important that you read the following safety instructions.

## Setting up your system

- Read and follow all instructions in the documentation before you operate your system.
- Do not use this product near water or a heated source.
- Set up the system on a stable surface.
- Openings on the chassis are for ventilation. Do not block or cover these openings. Make sure you leave plenty of space around the system for ventilation. Never insert objects of any kind into the ventilation openings.
- Use this product in environments with ambient temperatures between 0˚C and 35˚C.
- If you use an extension cord, make sure that the total ampere rating of the devices plugged into the extension cord does not exceed its ampere rating.
- This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

## Care during use

- Do not walk on the power cord or allow anything to rest on it.
- Do not spill water or any other liquids on your system.
- When the system is turned off, a small amount of electrical current still flows. Always unplug the power cord from the power outlets before cleaning the system.

- If you encounter the following technical problems with the product, unplug the power cord and contact a qualified service technician or your retailer.
  - The power cord or plug is damaged.
  - Liquid has been spilled into the system.
  - The system does not function properly even if you follow the operating instructions.
  - The system was dropped or the cabinet is damaged.
  - The system performance changes.
- Avoid contact with hot components inside the Mini PC. During operation, some components become hot enough to burn the skin. Before you open the computer cover, turn off the computer, disconnect the power, and wait approximately 30 minutes for the components to cool.

## Lithium-Metal Battery Warning

**CAUTION**: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

## NO DISASSEMBLY

**The warranty does not apply to the products that have been disassembled by users**

# Regulatory notices

## 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.

## Federal Communications Commission 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.

Note: This device has been tested and found to comply with the limits for a Class A 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 product 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 product 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.

**CAUTION!** Changes or modification not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

## RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

## ISED Radiation Exposure Statement for Canada

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating with any other antenna or transmitter.

Le rayonnement de la classe b respecte ISED fixaient un environnement non contrôles et mise en oeuvre de ce matériel devrait avec échangeur distance minimale entre 20 cm ton corps. Lanceurs ou ne peuvent pas coexister cette antenne ou capteurs ave d'autres.

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.

La bande 5 150-5 250 MHz est réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

For the frequency 5600-5650 MHz, no operation is permitted

Pour la fréquence 5600-5650 MHz, aucune opération est autorisée.

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

## Compliance Statement of Innovation, Science and Economic Development Canada (ISED)

This device complies with Innovation, Science and Economic Development Canada (ISED) licence-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.

CAN ICES-3 (A)/NMB-3(A)

## Déclaration de conformité de Innovation, Sciences et Développement économique Canada (ISED)

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CAN ICES-3 (A)/NMB-3(A)

## Wireless Operation Channel for Different Domains

| | | |
|---|---|---|
| N. America | 2.412-2.462 GHz | Ch01 through CH11 |
| Japan | 2.412-2.484 GHz | Ch01 through Ch14 |
| Europe ETSI | 2.412-2.472 GHz | Ch01 through Ch13 |

## Regional notice for Singapore

Complies with IMDA Standards DB103778

This ASUS product complies with IMDA Standards.

## 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.

## Turkey RoHS

AEEE Yönetmeliğine Uygundur

## 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 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. The further information could be found at https://csr.asus.com/english/article.aspx?id=1555.

**DO NOT** throw the device in municipal waste. This product has been designed to enable proper reuse of parts and recycling. This symbol of the crossed out wheeled bin indicates that the product (electrical, electronic equipment, and mercury-containing button cell battery) should not be placed in municipal waste. Check local technical support services for product recycling.

## ENERGY STAR complied 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 and computer are automatically set to sleep after 10 and 30 minutes of user inactivity. To wake your computer, click the mouse or press any key on the keyboard.

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.

## EPEAT (Electronic Product Environmental Assessment Tool) registered products

The public disclosure of key environmental information for ASUS EPEAT registered products is available on CSR web site http://csr.asus.com/english/article.aspx?id=41. More information about EPEAT program and purchaser guidance can be found on the EPEAT website www.epeat.net.

# Optical Drive Safety Information

## Laser Safety Information

**WARNING!** To prevent exposure to the optical drive's laser, do not attempt to disassemble or repair the optical drive by yourself. For your safety, contact a professional technician for assistance.

| | | |
|---|---|---|
| **Manufacturer** | ASUSTeK Computer Inc. | |
| | Tel: | +886-2-2894-3447 |
| | Address: | 4F, No. 150, LI-TE RD., PEITOU, TAIPEI 112, TAIWAN |
| **Authorised representative in Europe** | ASUSTeK Computer GmbH | |
| | Address: | HARKORT STR. 21-23, 40880 RATINGEN, GERMANY |

# ASUS contact information

**ASUSTeK COMPUTER INC.**

| | |
|---|---|
| Address | 4F, No. 150, Li-Te Road, Peitou, Taipei 112, Taiwan |
| Telephone | +886-2-2894-3447 |
| Fax | +886-2-2890-7798 |
| Web site | www.asus.com |

***Technical Support***

| | |
|---|---|
| Telephone | +86-21-38429911 |
| Fax | +86-21-5866-8722, ext. 9101# |
| Online support | https://www.asus.com/support/Product/ContactUs/Services/questionform/?lang=en |

**ASUS COMPUTER INTERNATIONAL (America)**

| | |
|---|---|
| Address | 48720 Kato Rd., Fremont, CA 94538, USA |
| Telephone | +1-510-739-3777 |
| Fax | +1-510-608-4555 |
| Web site | http://www.asus.com/us/ |

***Technical Support***

| | |
|---|---|
| Support fax | +1-812-284-0883 |
| Telephone | +1-812-282-2787 |
| Online support | https://www.asus.com/support/Product/ContactUs/Services/questionform/?lang=en-us |

**ASUS COMPUTER GmbH (Germany and Austria)**

| | |
|---|---|
| Address | Harkort Str. 21-23, 40880 Ratingen, Germany |
| Fax | +49-2102-959931 |
| Web site | http://www.asus.com/de |
| Online contact | http://eu-rma.asus.com/sales |

***Technical Support***

| | |
|---|---|
| Telephone | +49-2102-5789555 |
| Support Fax | +49-2102-959911 |
| Online support | https://www.asus.com/support/Product/ContactUs/Services/questionform/?lang=de-de |

**Call center:** https://www.asus.com/support/CallUs