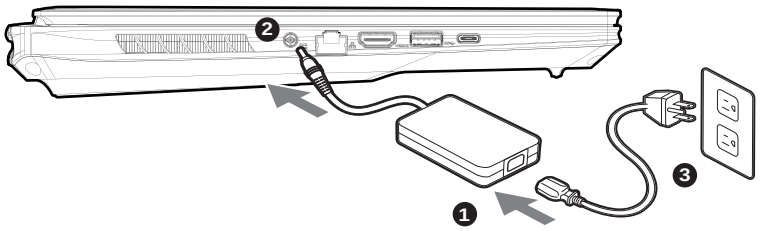
AORUS

AORUS MASTER 16

AM6H USER MANUAL

1-1. Using AORUS Notebook for the First Time



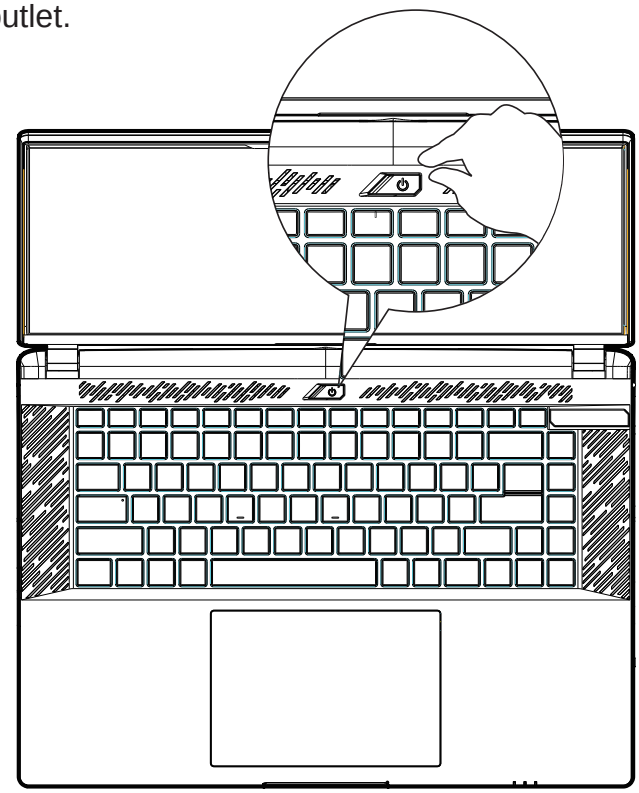
1 Connect the power cord to the AC adapter.

2 Connect the AC adapter to the DC-in jack of the notebook.

3 Connect the power cord to the power outlet.

1-2. Switching on the Power

After you turn on the notebook for the very first time, do not turn it off until the operating system has been configured. Please note that the volume for the audio will not function until Windows® Setup has completed.



IMPORTANT:

- Ensure that your Notebook PC is connected to a grounded power adapter before turning it on for the first time.
- When using your Notebook PC on power adapter mode, the socket outlet must be near to the unit and easily accessible.
- Locate the input/output mark on your Notebook PC and ensure that it matches the input/output rating information on your power adapter. Some Notebook PC 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 voltage: 20V, 16,5A

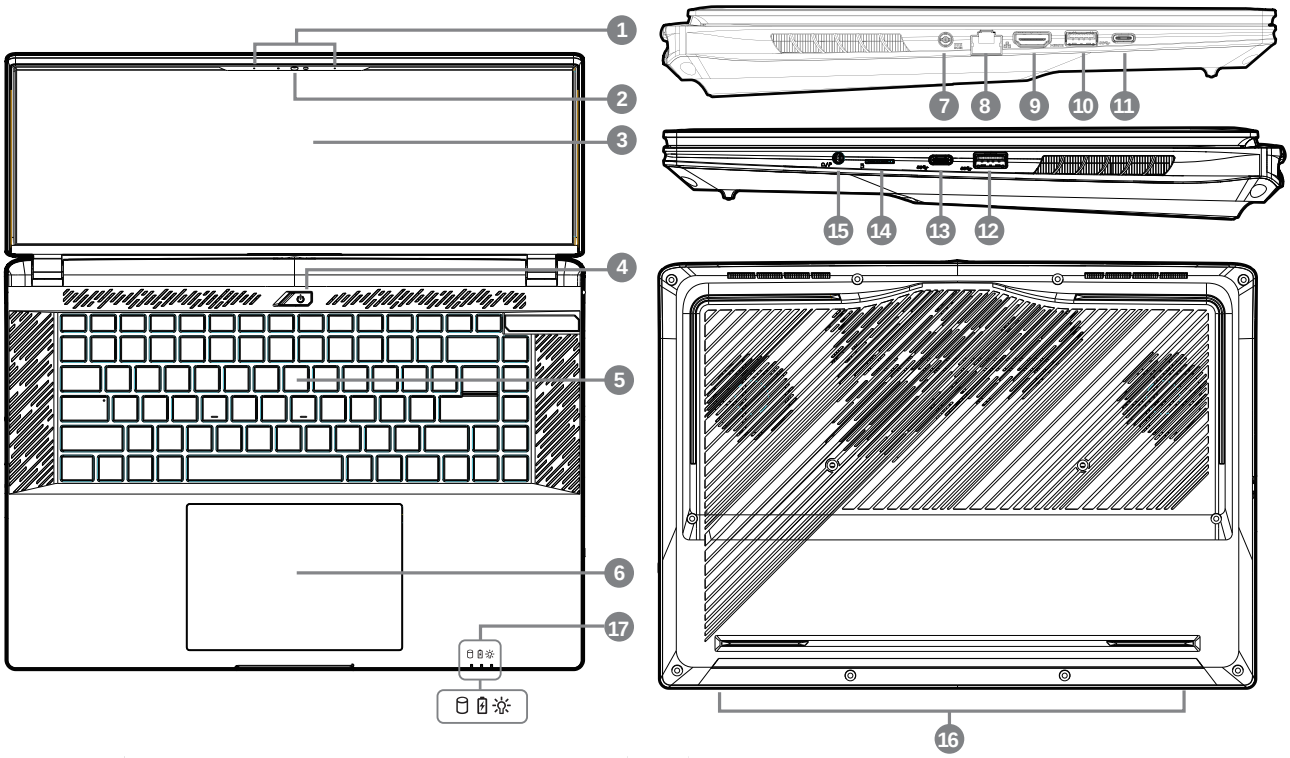
1-3. Full User Manual

For more user guide and software instruction, please refer to the below link:

https://www.gigabyte.com/Support

* Product specifications and product appearance may differ from country to country.
  We recommend that you check with your local dealers for the specifications and appearance of the products available in your country.
* Although we endeavor to present the most accurate and comprehensive information at the time of publication,
  we reserve the right to make changes without prior notice.

2. AORUS Notebook Tour



1	Microphone	10	USB 3.2 Port (USB type-A)
2	Webcam	11	Thunderbolt 5 Port (USB type-C)
3	Display Panel	12	USB 3.2 Port (USB type-A)
4	Power Button	13	Thunderbolt 4 Port (USB type-C)
5	Keyboard	14	MicroSD Card Reader (UHS-II)
6	Touchpad	15	Audio Combo Jack
7	Power Input Port (DC)	16	Speaker
8	Ethernet Port (LAN)	17	LED Indicator
9	HDMI 2.1 Port		Storage access indicator
			Battery status indicator
			Power indicator

- Storage access indicator
  The blinking indicates that the storage device is accessing data.
- Battery status indicator
  Solid white: The notebook is plugged into the adapter and the battery power is between 95%~100%.
  Solid orange: The notebook is plugged into the adapter and charging the battery, battery power is less than 95%.
  Blinking orange: The notebook is unplugged from the adapter and battery power is less than 20%.
- Power indicator
  The power indicator lights up when the notebook PC is turned on.

The Adopted Trademarks HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

IMPORTANT:

- Do not remove the built-in lithium battery.
  For any service needs, please contact your local GIGABYTE Authorized Service Center.
- Do not install the Notebook PC on a slant or a place prone to vibrations, or avoid using the Notebook PC in that location for a long time.This increases the risk that a malfunction or damage to the product will occur.
- Do not store Notebook PC in direct sunlight or the location where temperatures exceed 112°F (45°C) such as inside a vehicle.There is a danger of Lithium-ion battery expansion and aging.
- Do not use the Notebook PC in a badly ventilated location such as on bedding, on a pillow or cushion, etc, and do not use it in a location such as room with floor heating as it may cause the computer to overheat.
  Take care that the Notebook PC vents (on the side or the bottom) are not blocked especially in these environments. If the vents are blocked, it may be dangerous and cause the Notebook PC to overheat.

Hotkeys

The computer employs hotkeys or key combinations to access most of the computer's controls like screen brightness and volume output. To activate hotkeys, press and hold the <Fn> key before pressing the other key in the hotkey combination.

Hotkey	Function	Description
Fn+ESC	Function unlock/lock	Function unlock/lock (only F1~F12 switch, default function key first)
Fn+F1	Speaker Toggle	Turn the speaker on and off.
Fn+F2	Volume Down	Decrease the sound volume.
Fn+F3	Volume Up	Increase the sound volume.
Fn+F4	MIC mute/unmute	MIC mute/unmute
Fn+F5	Brightness Down	Decrease the screen brightness.
Fn+F6	Brightness Up	Increase the screen brightness.
Fn+F7	Power System setting	Power System setting (ECO/Banlance/Performance)
Fn+F8	Display Toggle	Switche display output between the display screen, external monitor (if connected) and both.
Fn+F9	Touchpad Toggle	Turn the internal touchpad on and off.
Fn+F10	Airplane Mode	Enable/disable the Airplane Mode function.
Fn+F11	Screenshot	Screenshot: Shift+Win+S
Fn+F12	Voice in	Voice in
Fn+GiMate	GiMate Control center	Open GiMate Control center

Recovery Guide

System recovery (Restore your laptop operating system)

When something is going wrong with the laptop operating system, the storage of the laptop has a hidden partition containing a full back up image of the operating system that can be used to restore the system to factory default settings.



Note

- If the storage has been switched or the partition deleted, the recovery option will no longer be available and a recovery service will be needed.
- The recovery function is only available on devices with O/S preinstalled. Devices with EFI SHELL do not have the recovery function.

Launch system recovery

The system recovery feature is preinstalled before the laptop is shipped from the factory. The option menu allows you to launch the Windows recovery tool to reinstall the operating system to factory default.
The brief introduction below will show you how to start the recovery tool and restore your system.



All ready to go

Make sure your PC is plugged in. This will take a few minutes.

Recovery Guide

1 **Turn off and restart the laptop.**

2



3 **Choose "Troubleshoot" to enter the recovery settings.**

(Also you can choose "Continue" to exit recovery system and continue to System for files or data backup.)

There are two options for system recovery

- Reset this PC -
  You can choose to keep or remove your files and then reinstalls Windows without losing your files.
- Smart Recovery -
  Your PC settings will be restored to factory default settings.
  Caution: All personal data and files will be lost.

4 **Smart Recovery**

The recovery will be activated and you will see the option buttons on the window. Click on "Yes" to start it.

Caution

- Once the "Recovery" is selected, your personal data and files will be deleted after the laptop starts restoring, and the operating system will be reset to factory default settings
- A progress indicator bar will show on the window when the recovery process is running. Please make sure the AC-adapter is plugged in and do not turn off the laptop.

After the system recovery is completed, you will see the option button on the window, please click on " Finish ".

5

Advanced options

System Restore

Use a restore point recorded on your PC to restore Windows.

System Image Recovery

Recover Windows using a specific system image file.

Startup Repair

Fix problems that keep Windows from loading.

Command Prompt

Use the Command Prompt for advanced trobleshooting.

UEFI Firmware Settings

Change settings in your PC's UEFI firmware.

Startup Settings

Change Windows Startup behavior.

For the model which adopts Flicker-Free technology which clears the eye visible monitor flicker and prevents users from suffering eye strain and fatigue.
The following are some tips for comfortable viewing of your monitor:

- Optimal viewing distances for laptop range from approximately 510 mm to 760 mm (20” to 30”).
- A general guideline is to position the monitor such that the top of the screen is at or slightly below your eye-height when you are comfortably seated.
- Use adequate lighting for the type of work you are performing.
- Take regular and frequent breaks (at least for 10 minutes) every half-hour.
- Be sure to periodically look away from your monitor screen and focus on a far object for at least 20 seconds during the breaks.
- Eye exercise can help reduce eye strain. Repeat these exercises frequently:
(1) look up and down (2) slowly roll your eye (3) move your eyes diagonally.

For the model which has passed Low Blue Light verification
by TÜV Rheinland.
To learn more:
https://www.gigabyte.com/tw/Support/FAQ/4309

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All operational modes:

Thchnologies	Frequency Range (MHz)	Max. Transmit Power (dBm)
Bluetooth EDR	2400-2483.5 MHz	16.08
Bluetooth LE	2400-2483.5 MHz	16.38
WLAN 2.4 GHz	2400-2483.5 MHz	18.47
WLAN 5 GHz	5150-5250 MHz	19.82
WLAN 5 GHz	5250-5350 MHz	19.82
WLAN 5 GHz	5470-5725 MHz	19.71
WLAN 5 GHz	5725-5875 MHz	12.09
WLAN 6 GHz	5945~6425 MHz	16.79

Appendix

■ Warranty & Service:

Warranty and service and related information please refer to the warranty card or GIGABYTE service website as the below link:
https://www.gigabyte.com/Support/Laptop

■ FAQ:

FAQ (Frequent Asked Questions) please refer to the below link:
https://www.gigabyte.com/Support/Faq

EU DECLARATION OF CONFORMITY

We, the undersigned,
Manufacturer: **Giga-Byte Technology Co., Ltd.**
Address: **No.6, Baoqiang Rd., Xindian Dist., New Taipei City 231, Taiwan**
and authorized representative in Europe of Manufacturer:
Company name: **G.B.T. Technology Trading GMbH**
Address: **Am Stadtrand 63, 22047 Hamburg, Germany**

Declare under our sole responsibility that the below product,

Product Type: **NOTEBOOK PC**
Brand Name: **AORUS**
Product Name: **AM6H, AM6BZH, AM6BYH**

conforms with the essential requirements of the following directives:

EMC Directive 2014/30/EU:

Conduction & Radiated Emissions:	EN 55032:2015+A11:2020, class B
Immunity requirements:	EN 55035:2017+A11:2020
Power-line harmonics:	EN 61000-3-2:2019/A1:2021
Power-line flicker:	EN 61000-3-3:2013+A1:2019

Low Voltage Directive (LVD) 2014/35/EU:

Safety:	EN IEC 62368-1:2020+A11:2020 EN 50566:2017/A1:2023 EN 62209-2:2010+A1:2019

Radio Equipment Directive (RED) 2014/53/EU:

Technical Requirements:	ETSI EN 300 328 V2.2.2 ETSI EN 301 893 V2.1.1 ETSI EN 300 440 V2.2.1 ETSI EN 303 687 V1.1.1 ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
EU-type Examination:	
Certification Number:	E1177-254962
Notified Body:	1177, TIMCO Engineering, Inc.

Ecodesign Directive 2009/125/EC:

Ecodesign requirements:	Commission Regulation (EU) No 617/2013

RoHS Directive 2011/65/EU, Commission Delegated Directive (EU) 2015/863:

Restriction of use of certain substances in electronic equipment:	This product does not contain any of the restricted substances listed in Annex II, in concentrations and applications banned by the directive.

European Conformity marking: CE

This declaration has been prepared under the responsibility of the manufacturer.
Signed by:
Name: Timmy Huang
Function: General Manager
Place: Hamburg
Date: February 26, 2025

Signature: 