AORUS MASTER 16 AM6H

Key Features   Specifications   Support   Gallery   Buy

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- CPU
- Video Graphics
- Display
- System Memory
- Storage
- Keyboard Type
- I/O Port
- Audio
- Communications
- Webcam
- Security
- Battery
- Adapter
- Dimensions (W x D x H)
- Weight
- Color

	AORUS MASTER 16 BXH	AORUS MASTER 16 BZH	AORUS MASTER 16 BYH
OS	Windows 11 Pro (GIGABYTE recommends Windows 11 Pro for business.) Windows 11 Home UEFI Shell OS	Windows 11 Pro (GIGABYTE recommends Windows 11 Pro for business.) Windows 11 Home UEFI Shell OS	Windows 11 Pro (GIGABYTE recommends Windows 11 Pro for business.) Windows 11 Home UEFI Shell OS
CPU	Intel® Core™ Ultra 9 Processor 275HX	Intel® Core™ Ultra 9 Processor 275HX	Intel® Core™ Ultra 9 Processor 275HX
Video Graphics	TBC	TBC	TBC
Display	16.0" 16:10 WQXGA (2560x1600) 240Hz OLED Display (100% DCI-P3, Pantone® Validated, TÜV Rheinland-certified, Dolby Vision®, NVIDIA® Advanced Optimus, G-SYNC)	16.0" 16:10 WQXGA (2560x1600) 240Hz OLED Display (100% DCI-P3, Pantone® Validated, TÜV Rheinland-certified, Dolby Vision®, NVIDIA® Advanced Optimus, G-SYNC)	16.0" 16:10 WQXGA (2560x1600) 240Hz OLED Display (100% DCI-P3, Pantone® Validated, TÜV Rheinland-certified, Dolby Vision®, NVIDIA® Advanced Optimus, G-SYNC)
System Memory	Up to 64GB DDR5 5600MHz * 2x SO-DIMM sockets for expansion	Up to 64GB DDR5 5600MHz * 2x SO-DIMM sockets for expansion	Up to 64GB DDR5 5600MHz * 2x SO-DIMM sockets for expansion
Storage	1x PCIe Gen5 M.2 slot 1x PCIe Gen4x4 M.2 slots Up to 4TB PCIe NVMe™ M.2 SSD	1x PCIe Gen5 M.2 slot 1x PCIe Gen4x4 M.2 slots Up to 4TB PCIe NVMe™ M.2 SSD	1x PCIe Gen5 M.2 slot 1x PCIe Gen4x4 M.2 slots Up to 4TB PCIe NVMe™ M.2 SSD
	*The storage capacity may differ by country and region. Please contact your local dealers or retailers for the latest product information. **If there is any abnormality that cannot be attributed to Gigabyte/AORUS during the warranty period, it is not covered by the warranty. More info:https://member.aorus.com/global/productwarranty	*The storage capacity may differ by country and region. Please contact your local dealers or retailers for the latest product information. **If there is any abnormality that cannot be attributed to Gigabyte/AORUS during the warranty period, it is not covered by the warranty. More info:https://member.aorus.com/global/productwarranty	*The storage capacity may differ by country and region. Please contact your local dealers or retailers for the latest product information. **If there is any abnormality that cannot be attributed to Gigabyte/AORUS during the warranty period, it is not covered by the warranty. More info:https://member.aorus.com/global/prod
Keyboard Type	3-zone RGB Backlit Keyboard, Up to 1.7mm Key-travel (Support N-Key)	3-zone RGB Backlit Keyboard, Up to 1.7mm Key-travel (Support N-Key)	3-zone RGB Backlit Keyboard, Up to 1.7mm Key-travel (Support N-Key)
I/O Port	Left Side: 1 x DC in 1 x RJ-45 1 x HDMI 2.1 1 x Type-A support USB3.2 Gen2 1 x Type-C with Thunderbolt™5 (support USB4, DisplayPort™ 2.1 and Power Delivery 3.0) Right Side: 1 x Type-A support USB3.2 Gen2 1 x Type-C with Thunderbolt™4 (support USB4, DisplayPort™ 1.4 and Power Delivery 3.0) 1 x MicroSD (UHS-II) 1 x Audio Jack support mic / headphone combo	Left Side: 1 x DC in 1 x RJ-45 1 x HDMI 2.1 1 x Type-A support USB3.2 Gen2 1 x Type-C with Thunderbolt™5 (support USB4, DisplayPort™ 2.1 and Power Delivery 3.0) Right Side: 1 x Type-A support USB3.2 Gen2 1 x Type-C with Thunderbolt™4 (support USB4, DisplayPort™ 1.4 and Power Delivery 3.0) 1 x MicroSD (UHS-II) 1 x Audio Jack support mic / headphone combo	Left Side: 1 x DC in 1 x RJ-45 1 x HDMI 2.1 1 x Type-A support USB3.2 Gen2 1 x Type-C with Thunderbolt™5 (support USB4, DisplayPort™ 2.1 and Power Delivery 3.0) Right Side: 1 x Type-A support USB3.2 Gen2 1 x Type-C with Thunderbolt™4 (support USB4, DisplayPort™ 1.4 and Power Delivery 3.0) 1 x MicroSD (UHS-II) 1 x Audio Jack support mic / headphone combo
Audio	4x 2W speakers Microphone Dolby Atmos® Smart Amp Technology	4x 2W speakers Microphone Dolby Atmos® Smart Amp Technology	4x 2W speakers Microphone Dolby Atmos® Smart Amp Technology
Communications	WIFI 7 (802.11be 2x2) LAN: 1G Bluetooth v5.4	WIFI 7 (802.11be 2x2) LAN: 1G Bluetooth v5.4	WIFI 7 (802.11be 2x2) LAN: 1G Bluetooth v5.4
Webcam	FHD (1080p) IR Webcam Build-in array Microphone Support Windows Hello Face Authentication	FHD (1080p) IR Webcam Build-in array Microphone Support Windows Hello Face Authentication	FHD (1080p) IR Webcam Build-in array Microphone Support Windows Hello Face Authentication
Security	Firmware-based TPM, supports Intel® Platform Trust Technology (Intel® PTT)	Firmware-based TPM, supports Intel® Platform Trust Technology (Intel® PTT)	Firmware-based TPM, supports Intel® Platform Trust Technology (Intel® PTT)
Battery	Li Polymer 99Wh	Li Polymer 99Wh	Li Polymer 99Wh

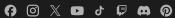|			
Battery	Li Polymer 99wh	Li Polymer 99wh	Li Polymer 99wh
Adapter	330W AC Adapter, 100W PD	330W AC Adapter, 100W PD	330W AC Adapter, 100W PD
Dimensions (W x D x H)	357 x 254 x 23~29.9 mm	357 x 254 x 23~29.9 mm	357 x 254 x 23~29.9 mm
	*The dimensions of the laptop may vary according to the configuration, manufacturing process and measurement method, please refer to the actual situation.	*The dimensions of the laptop may vary according to the configuration, manufacturing process and measurement method, please refer to the actual situation.	*The dimensions of the laptop may vary according to the configuration, manufacturing process and measurement method, please refer to the actual situation.
Weight	~2.5 kg	~2.5 kg	~2.5 kg
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Color	Dark Tide	Dark Tide	Dark Tide

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

* The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade Dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

[1] Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see aka.ms/windows11-spec).

* The entire materials provided herein are for reference only. GIGABYTE reserves the right to modify or revise the content at anytime without prior notice.

* Advertised performance is based on maximum theoretical interface values from respective Chipset vendors or organization who defined the interface specification. Actual performance may vary by system configuration.

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* Due to standard PC architecture, a certain amount of memory is reserved for system usage and therefore the actual memory size is less than the stated amount.

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