

AORUS MASTER 16

AM6H



OWN THE GAME

AORUS AI Gaming Laptop

GEFORCE
RTX

Powering Advanced AI

Exclusive GIGABYTE Control Center with True Power of AI

LLM
SupportGiMATE
Your Smart
AI Mate

Performance



Privacy



Power



Voice



Audio



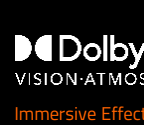
Smart Cooling

Best-In-Class Thermal Power

Windforce Infinity
EX Cooling158 Blades
12V Dual-fansLateral Housing
(Airflow Recovery
With Patented)Noise-cancelling
Design3D VortX
Air-channelingVapor Chamber
2 HeatpipesIcy Touch
Design
& OdB Cooling

TEAM UP. FIGHT ON.

Best Visual & Audio Experience

16" 16:10
OLED DisplaySmooth
GameplayVivid
Color Gamut1,000,000:1
Contrast Ratio4 X Speaker
With
Smart AMP

Immersive Effects

Color
AccuracyBrightness 400 nits
VESA Display
HDR True Black 500 Cert.

TEAM UP. FIGHT ON.

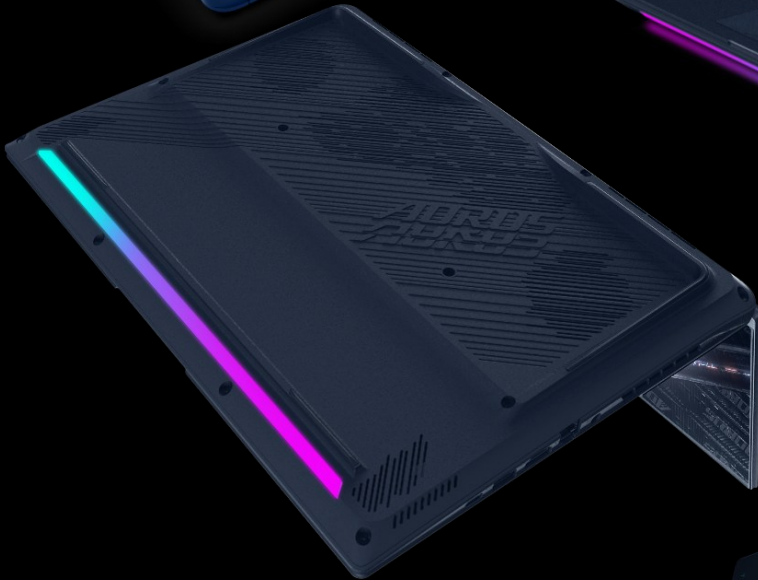
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TEAM UP. FIGHT ON.

AORUS

Product Gallery



*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.

**The size and weight of the laptop may vary according to the configuration, manufacturing process and measurement method, please refer to the actual situation.

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AORUS Master 16 BZHC6DEE65SP

EAN 4719331762445

Product Specifications

MODEL	AORUS MASTER 16
PROJECT NAME	AM6BZH
PROCESSOR OPTIONS	Intel® Core™ Ultra 9 Processor 275HX (Up to 5.4 GHz, 24cores : 8 P-Cores, 16 E-Cores)
Operating System	Windows 11
GRAPHICS	NVIDIA® GeForce RTX™ 5090 Laptop GPU 24GB GDDR7 Max. TGP 175W 1824 AI TOPS (with Dynamic Boosts) Support NVIDIA Advanced Optimus: DDS. G-SYNC
Thermal Capacity	230W
DISPLAY	16" 16:10 WQXGA 2560x1600 OLED 240Hz Display (DCI-P3 100%, 500 nits, 1,000,000:1 Contrast ratio, Pantone® Validated, TÜV Rheinland-certified, Dolby Vision®, VESA DisplayHDR™ True Black 500)
SYSTEM MEMORY	32GB (2x16) DDR5 6400 (2 slots, up to 64GB, DDR5 6400MHz)
STORAGE OPTIONS	2TB (2x1) PCIe Gen4 SSD (1x slot support PCIe Gen5, 1x slots support PCIe Gen4x4, Up to 4TB)
I/O PORT	2 x Type-A support USB3.2 Gen2 1 x Type-C with Thunderbolt™ 5* (support USB4, DisplayPort™ 2.1 and Power Delivery 3.0) 1 x Type-C with Thunderbolt™ 4 (support USB4, DisplayPort™ 1.4 and Power Delivery 3.0) 1 x HDMI 2.1 1 x MicroSD (UHS-II) 1 x Audio Jack support mic / headphone combo 1 x DC in 1 x RJ-45
AUDIO & SPEAKERS	4x 2W Speaker, Microphone, Dolby Atmos® with Smart AMP
KEYBOARD	3-Zone RGB Backlit Keyboard, Up to 1.7mm Key-travel (Support N-Key)
COMMUNICATIONS	Wi-Fi: Intel® Wi-Fi 7 Wireless (802.11be 2x2) LAN: 1G Bluetooth: Bluetooth® V5.4
WEBCAM	FHD (1080p) IR Camera for Windows Hello, Build-in array Microphone
POWER SUPPLY	330W AC Adapter
BATTERY	Li Polymer 99Wh
COLOR	Dark Tide
CONSTRUCTION	Aluminum with anti-finger coated in cover
BUILT-IN APPS	GiMATE
DIMENSIONS	35.7(W) x 25.4(D) x 2.3~2.9(H) cm / 14.05 (W) x 10.0 (D) x 0.90~1.14(H) inch
WEIGHT	~2.5 kg (w/Battery, M.2 SSD, RAM*2) / ~5.51 lb

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