



DATA SHEET

AORUS 17H (2023)

Reshape the Game

AORUS 17H



- 17" Screen in a 15" Chassis
- NVIDIA® New GeForce RTX™ 40 Series
- 13th Gen Intel® Core™ i9 H Series
- Per-Key RGB Keyboard
- Microsoft Azure AI Notebook
- WINDFORCE INFINITY Cooling System
- DDR5 4800 SO-DIMM x 2, 64GB (Max)
- DTS:X® Ultra Audio technology
- World's First Four-Sided Super Thin Bezel Gaming Laptop
- 360Hz FHD Bent Type Panel
- MUX Switch Technology
- Supercar Aesthetic
- Supports PCIe Gen4 SSD
- Next-Gen Wi-Fi 6E Connection
- 99Whr battery
- Thunderbolt™ 4



Reshape the Game

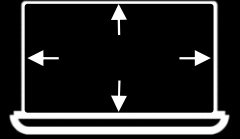
AORUS 17H



AORUS 17H (2023)

17" Screen in a 15" Chassis

AORUS 17H is the world's first four-sided super-thin bezel gaming laptop. A 17-inch screen is placed in a nearly 15-inch case, which greatly improves the daily portability. The ultra-high screen-to-body ratio and the four-sided super-thin bezel provide users immersive experience in games.



All New 13th Gen Intel Core i9-13900H Processor

The AORUS 17H is equipped with a 12th Intel® Core™ i9-13900H with 14 cores processor, which contains 6 performance cores and 8 efficiency cores. Gamers can expect flying speeds when it comes to media processing and high-loading games.



NVIDIA® GeForce® RTX 40 series laptop GPUs

The AORUS 17H, equipped with NVIDIA® GeForce® RTX 40 series laptop GPUs, based on the NVIDIA Ada Lovelace™ GPU architecture with real-time ray tracing, artificial intelligence, and programmable shading brings gamers a whole new experience.



WINDFORCE Infinity Cooling System

The WINDFORCE Infinity comes with 2 powerful fans, 6 heat pipes, a large vapor chamber, and copper heat fins that increase overall heat dissipation, insuring the AORUS 17H remains calm and steady even under heavy multitasking.



360Hz Gaming Display Panel

The all-new AORUS 17H is equipped with the ultra-thin 3mm display bezel for unforgettable visuals, with a 360Hz gaming panel that has an insanely high refresh rate and shortest response rate of just 3ms, enough to combat motion blur that may determine victory within the game.



MUX Switch Technology

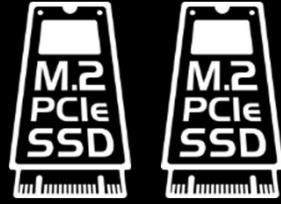
The AORUS 17H has a MUX switch, which is a GPU switch technology that provides users with a better graphical performance by directly connecting the dedicated graphics card to the display.



AORUS 17H (2023)

Supports PCIe Gen4 SSD

Gamers always dream of speed and expandability when it comes to laptop storage. The AORUS 17H is equipped with 2 high-speed PCIe Gen4 SSD slots that let gamers read large files or fire up games in a matter of seconds. You will always be ahead of everyone else!



Per-Key RGB Keyboard

Every key can be customized to light up only the required keys by GIGABYTE Control Center, allowing the users to instantly identify which keys to press. In conjunction with the surround RGB lighting. You will be able to control all the RGB lighting found throughout the AORUS 17H.



Windows Hello facial recognition login

Use Windows Hello function and infrared camera to log in quickly, save the inconvenient of entering password, and use it more easily and efficiently.



Supercar Aesthetic

Extreme is what AORUS believes in. Gamers will find a unique "sports car" design that gives the AORUS 17H a "Speedy" chassis look. The added durability certainly makes it worthy to be called the next-gen of gaming laptops.



Wi-Fi 6E

Wi-Fi 6E extended to the 6 GHz band. Wi-Fi 6E works with the same standard as Wi-Fi 6 but with an extended spectrum. 6 GHz band exists without overlap or interference. Access to the 6 GHz frequency brings more bandwidth, faster speeds, and lower latency.



DTS:X Ultra

AORUS uses DTS Ultra technology to provide the most realistic and natural environmental sound effects, allowing users to have an immersive listening experience whether they are in music, movies, or games. The DTS Unbound function allows gamers to have a great advantage in games by unique headset surround sound.



AORUS 17H BXF-74DE554SH

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Model	AORUS 17H
OS	Genuine Windows® 11
CPU	13th Gen Intel® Core™ i7-13700H
Display	17.3" Thin Bezel FHD 360Hz Bent Type Display, 100% sRGB, TÜV Rheinland-certified
System Memory	16GB (2x8) DDR5-4800 (2 Slots, max 64GB)
Chipset	HM770
Video Graphics	NVIDIA GeForce® 4080 12GB GDDR6 (max TGP:150W Boost Clock 2010)
	CPU Optimizer, Rapid Core Scaling, Battery Boost 2.0, Optimal Playable Settings, Advanced Optimus Capable: Static MUX , NVIDIA® Dynamic Boost 2.0, Resizable BAR, G-Sync, VR Ready
Storage	1TB PCIe NVMe SSD (2 Ports M.2 2280 PCIe Gen4x4)
Keyboard Type	Per-Key RGB Keyboard with Per-Key Macro
I/O Port	Left side: 1 x RJ45 1 x HDMI 2.1 1 x Mini DP 1.4(120Hz) 1 x USB3.2 Gen1 (Type-A) Right Side: 1 x DC in 1 x Thunderbolt 4 (Type-C, Support Power Delivery) 1 x USB3.2 Gen1 (Type-A) 1 x Audio combo jack
Audio/ Webcam	2x 2W Speakers, DTS:X® Ultra Audio technology, 720p with IR sensor
Communication	LAN: CHIP LAN Realtek RTL8125BG-CG (2.5G) ; RJ45, WIFI: Wi-Fi 6E (802.11ax) (Triple band) 2x2 Bluetooth: Bluetooth® V5.2
Adapter	280W
Battery	Li Polymer 99Wh
Dimensions	39.8(W) x 25.4(D) x 3.0(H) cm/ 15.7(W) x 10.0(D) x 1.18(H) inch
Weight	~2.7kg / 5.95lb

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