



Datasheet

AORUS 15X (2023)



Top Power and Performance

Equipped with Intel 13th generation processor and NVIDIA 40 GPU, with Max TGP design, fully unleashes performance and grasps overwhelming victory.



New Tech, Greater FPS

DDS and AI tech adopted to boost the higher performance in games. All new designed WINDFORCE Infinity thermal system provides supreme cooling stability.



Stunning, Smooth Visual

Features high-resolution display for delicate images. Also comes with a high refresh rate for a great balance of marvelous gameplay visuals.

AORUS 15X ASF-83DE654SH

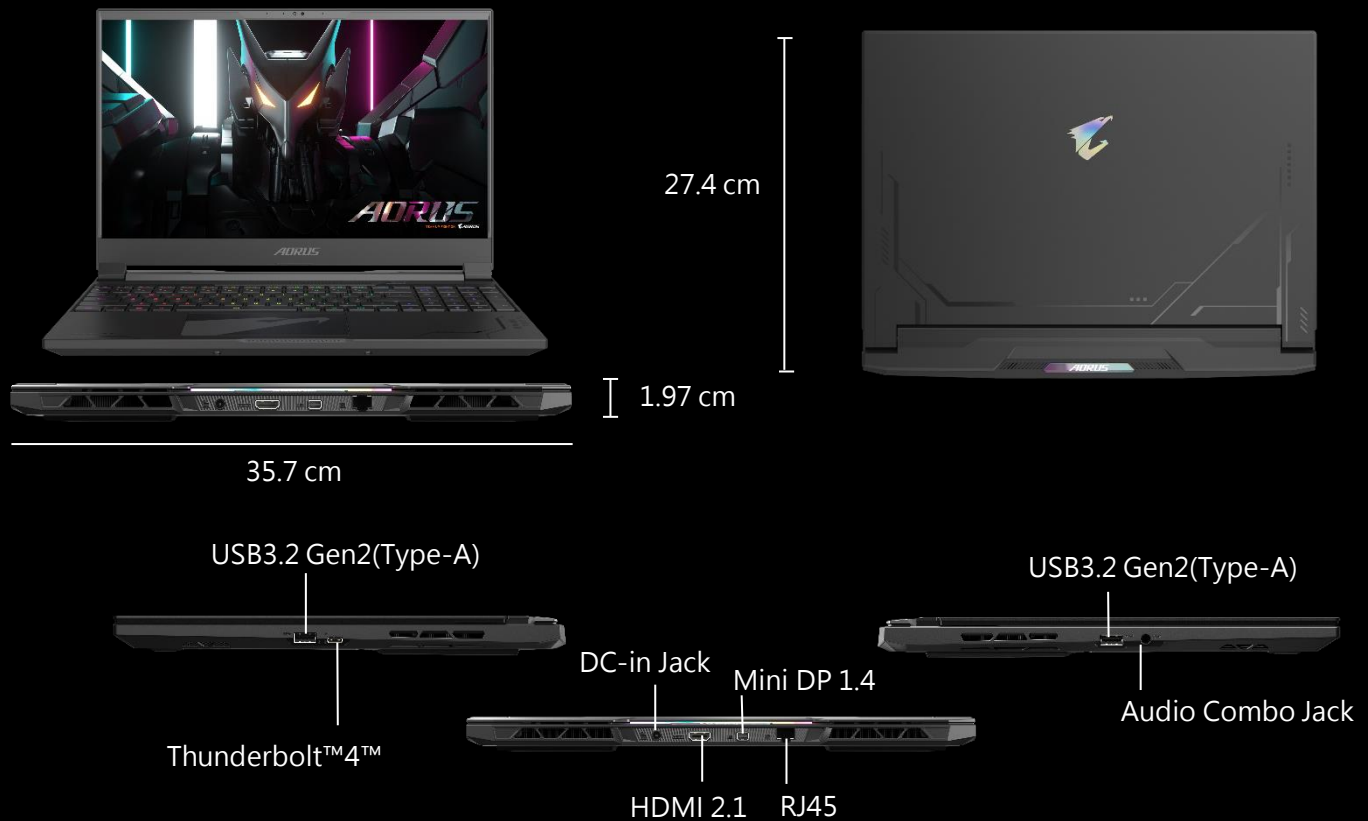
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Model	AORUS 15X
OS	Windows® 11 Home
CPU	13th Gen Intel® Core™ i7-13700HX (2.1GHz~5.0GHz)
Display	15.6" 16:9 QHD(2560*1440) 240Hz Thin Bezel Display, 100% sRGB, TÜV Rheinland-certified
System Memory	16GB (2x8) DDR5-5600 (SO-DIMM, 2 Solts max. 64GB)
Chipset	HM770
Video Graphics	NVIDIA GeForce® RTX™ 4070 Laptop GPU 8GB GDDR6 (max TGP 140W, Boost 2175MHz)
	CPU Optimizer, Rapid Core Scaling, Battery Boost 2.0, Optimal Playable Settings, Advanced Optimus: DDS, NVIDIA® Dynamic Boost 2.0, Resizable BAR, G-Sync, VR Ready
Storage	1TB NVMe PCIe Gen 4 (2 Slots M.2 2280 PCIe Gen4x4 only)
Keyboard Type	Per Key RGB Keyboard, Per Key Macro
I/O Port	Left side : 1 x Audio combo jack 1 x USB3.2 Gen2(Type-A) Right side: 1 x USB3.2 Gen2(Type-A) 1 x Thunderbolt™ (Type-C, support Power delivery) Rear side : 1 x HDMI 2.1 1 x Mini DP 1.4 1 x RJ45 1 x DC in
Audio	2x 2W Speakers, 1080P with Dual MIC, with IR sensor , DTS:X® Ultra Audio technology
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	35.7(W) x 27.4(D) x 1.97(H) cm/ 14.1(W) x 10.8(D) x 0.78(H) inch
Weight	~2.6 kg / 5.73lb

*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. GIGABYTE reserves the right to modify or revise the content at anytime without prior notice.

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- NVIDIA® New GeForce RTX™ 40 Series
- Up to 13th Gen Intel® Core™ i9 HX Series
- Up to QHD 240Hz Display
- Advanced Optimus: DDS Technology
- 140 Max TGP
- TÜV Rheinland Certification
- WINDFORCE INFINITY Cooling System
- DDR5-5600 SO-DIMM x 2, 64GB (Max)
- DTS:X® Ultra Audio technology
- RGB Light Bar Design
- Per-Key RGB Keyboard
- CNC Milling Metal Chassis
- Windows Hello Technology
- AI EyeCare
- PCIe Gen4 SSD
- Next-Gen Wi-Fi 6E Connection
- 99Whr battery
- Thunderbolt™ 4



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AORUS 15X (Intel 13th Gen)

QHD High Resolution Panel

The AORUS 15X comes with QHD(2560x1440) high-resolution gaming display. Presents the most outstanding visual picture with a sharper image and rich details, up to a 240Hz gaming panel that has a high refresh rate balances with QHD high resolution.



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

The all-new AORUS 15X is equipped with a 13th Intel® Core™ i9-13900HX with 24 cores processor, which contains 8 performance cores and 16 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 all new AORUS 15X, 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

All-new WINDFORCE Infinity comes with 2 powerful fans, 5 heat pipes, and copper heat fins that increase overall heat dissipation, insuring the AORUS 15X remains calm and steady even under heavy multitasking.



FPS Boost. DDR5-5600 RAM

The AORUS gaming laptop supports up to dual channel DDR5-5600MHz memory, and the 5600MT/s high-frequency band will run at full speed. Whether it is multitasking or even the most intense game conditions, the performance will be output steadily and smoothly.



Advanced Optimus: DDS Technology

The AORUS 15X has adopted DDS technology, which is a GPU switch technology that provides users with better graphical performance by directly connecting the dedicated graphics card to the display. Advanced Optimus delivers long battery life plus the tear free gameplay of G-SYNC.



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AORUS 15X (Intel 13th Gen)

RGB Lighting

RGB Lighting was adopted and synced with the keyboard color settings. With RGB keyboard, which provides professional gamers with a rich gaming atmosphere. Show your attitude to the world.



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 surrounding RGB lighting. You will be able to control all the RGB lighting found throughout the AORUS 15X.



Windows Hello facial recognition login

The webcam was upgraded to FHD(1080p) resolution, see clear and detailed video quality. Use Windows Hello function and infrared camera to log in quickly, save the inconvenient of entering password, and use it more easily and efficiently.



Spaceship Aesthetic with CNC Metal Chassis

Extreme is what AORUS believes in. Gamers will find a unique "spaceship" design that gives the AORUS 15X a "speedy" chassis look. The large-area CNC milling cover creates the strongest AORUS gaming laptop with both speed and performance. The spaceship cabin structure and the sturdy body enhance durability and unprecedented texture.



AI EyeCare

GIGABYTE's exclusive AI Eye Care technology adjusts the screen brightness automatically while you work in different lighting scenarios. AI Eye Care protects your eyes and reduces your fatigue!



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.

