



# DATA SHEET

AORUS 17X (Intel 12<sup>th</sup> Gen)

# Reshape the Game

## AORUS 17X



- 17" Screen in a 15" Chassis
- NVIDIA® New GeForce RTX™ 30 Series
- 12<sup>th</sup> Gen Intel® Core™ i9
- 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-Side Super Narrow Border Screen in Gaming Laptop
- 360Hz FHD Panel 72% NTSC (100% sRGB)
- Supercar Aesthetic
- Supports PCIe Gen4 SSD
- Next-Gen Wi-Fi 6E Connection
- 99Whr battery
- Thunderbolt™ 4



# Reshape the Game

## AORUS 17X

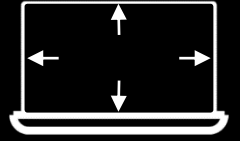
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# AORUS 17X (Intel 12<sup>th</sup> Gen)

## 17" Screen in a 15" Chassis

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



## All New 12<sup>th</sup> Gen Intel Core i7-12700H Processor

The all new AORUS 17 is equipped with an 12<sup>th</sup> Intel® Core™ i9-12900HX with 14 core 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 30 series laptop GPUs

The all new AORUS 17, equipped with NVIDIA® GeForce® RTX 30 series laptop GPUs, based on the NVIDIA Ampere™ GPU architecture with real-time ray tracing, artificial intelligence, and programmable shading bringing gamers a whole new experience.



## WINDFORCE Infinity Cooling System

All-new WINDFORCE Infinity comes with two 12V powerful fans, 5 heat pipes and cooper heat fins that increase overall heat dissipation, insuring the AORUS remains calm and steady even under heavy multi-tasking.



## 360Hz Gaming Display Panel

The all new AORUS 17 is equipped with the ultra-thin 3mm display bezel for unforgettable visuals, with an 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.



## Gaming Display with 72% NTSC

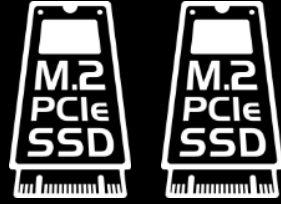
The AORUS 17 has a gaming display with 72% NTSC, which provides professional gamers with rich color details and vivid images.



# AORUS 17X (Intel 12th Gen)

## Supports PCIe Gen4 SSD

Gamers always dream of speed and expandability when it comes to laptop storage. The AORUS 17 is equipped with 2 high-speed PCIe Gen4 SSD slot 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 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 17.



## 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 17 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 17X XES-B3DE544SH

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Model	AORUS 17X
OS	Windows 11 Pro für i9
CPU	12te Gen Intel® Core™ i9 12900HX 16 Kerne/ 24 Threads (1.8-5.0 GHz) 8 Performance Kerne max Turbo Frequenz 5.0GHz 8 Effizienz Kerne max Turbo Frequenz : 3.6 GHz
Display	17.3" Thin Bezel FHD 360Hz IPS Display
System Memory	32GB (2x16) DDR5 4800 (2 DDR5 Slots Max 64GB)
Video Graphics	NVIDIA GeForce® 3070 Ti 8GB GDDR6 (130W, 1410MHz)
	MS Hybrid, NVIDIA® Dynamic Boost 2.0, Wake on Wireless, VR Support
Storage	1TB NVMe PCIe Gen4 SSD (2 Ports M.2 2280 PCIe Gen4x4 only 2)
Keyboard Type	Per-Key RGB Keyboard
I/O Port	Left side : 1 x RJ45 1 x HDMI 2.1 1 x Mini DP 1.4 1 x USB3.2 (Type-A)  Right Side : 1 x DC in 1 x TBT4 (Type-C ; support PD in 100W) 1 x USB3.2 (Type-A) 1 x Audio combo jack
Audio	2x 2.5W Speakers, 1.3 MegaPixel, with Dual MIC, with IR sensor , DTS:X® Ultra Audio technology
Communication	LAN: CHIP LAN RTL8125-BG REALTEK (2.5G) ; RJ45, Wireless LAN: Intel AX211 (CNVi) , BT: Bluetooth v5.2
Adapter	240W
Battery	Li Polymer 99Wh
Dimensions	39.8(W) x 25.4(D) x 2.4 ~ 3,0(H) cm
Weight	~2.7 kg

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