GIGABYTE™

DATA SHEET

AORUS 15 (Intel 12th Gen)

Game Like a Pro. AORUS

Reshape the Game
AORUS 15

24.4 cm

2.7cm

36.0 cm

RJ45   DC-in Jack

Thunderbolt™4

HDMI 2.1   Audio Combo Jack

USB3.2 Gen1(Type C with DP)   USB3.2 Gen1(Type A)

- QHD 165Hz/ FHD 360Hz Panel
- NVIDIA® New GeForce RTX™ 30 Series
- 12th Gen Intel® Core™ i7
- Per-Key RGB Keyboard
- Windows Hello with Face Unlock(IR Support)
- Microsoft Azure AI Notebook
- DTS:X® Ultra Audio technology
- Thunderbolt™ 4

- Ultra-thin Bezel Design
- 72% NTSC (100% sRGB)Panel
- WINDFORCE INFINTY Cooling System
- Supports DDR5 Memory& PCIe Gen 4 SSD
- Supercar Aesthetic
- Next-Gen Wi-Fi 6E Connection
- 99Whr Battery
- PTP Clickpad

intel CORE i7   NVIDIA. GEFORCE RTX™   WINDFORCE infinity   Microsoft Azure AI

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AORUS

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QHD High Resolution Panel

The AORUS 15 comes with QHD(2560x1440) high resolution gaming display. Presents the most outstanding visual picture with sharper image and rich details. Provides gamers a new visual experience.

All New 12th Gen Intel Core i7-12700H Processor

The all new AORUS 15 is equipped with an 12th Intel® Core™ i7-12700H 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 15, 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.

GeForce RTX for Virtual Reality

The GeForce RTX™ GPU developed by NVIDIA provides you with the performance you need to play top games on the latest virtual reality devices. In addition, the GPU has built-in enhanced settings technology, which can bring players a truly shocking and immersive gaming experience.

WINDFORCE Infinity Cooling System

All-new WINDFORCE Infinity comes with two 12V powerful fans, 5 heat pipes and cooper heat fins that increases overall heat dissipation, insuring the AORUS 15 remains calm and steady even under heavy multi-tasking.
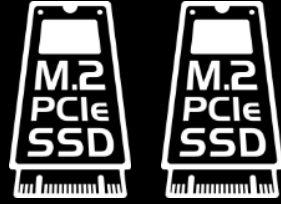
Gaming Display with 72% NTSC

The AORUS 15 has a gaming display with 72% NTSC, which provides professional gamers with rich color details and vivid images.

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Supports PCIe Gen4 SSD

Gamers always dream of speed and expandability when it comes to laptop storage. The AORUS 15 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 15.

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 15 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 15 XE5-73DEB34SH

Model	AORUS 15
OS	Windows 11 Home
CPU	12th Gen Intel® Core™ i7-12700H Base Core Frequency: 2.3GHz Performance-core Max Turbo Frequency: 4.7GHz Efficient-core Max Turbo Frequency: 3.5GHz
Display	15.6" Super Thin Bezel QHD 165Hz Display
System Memory	16GB (2x8) DDR5 4800 (2 slots max 64GB)
Video Graphics	NVIDIA GeForce® 3070Ti 8GB GDDR6 (130W,1485 MHz) MS Hybrid, NVIDIA® Dynamic Boost 2.0, VR Support
Storage	1TB M.2 NVMe PCIe Gen4 SSD (2 slots M.2 2280 PCIe Gen4x4 only *2)
Keyboard Type	Per-Key RGB Keyboard
I/O Port	Left side : 1 x HDMI 2.1 1 x USB 3.2 Gen1 (Type-C with DP) 1 x audio jack 1 x USB 3.2 Gen1 (Type-A) Right side : 1 x DC input 1 x TBT4 1 x RJ45
Audio	2x 2W 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 AX210 (PCIe), BT: Bluetooth v5.2
Adapter	240W
Battery	Li Polymer 99Wh
Dimensions	36.0(W) x 24.4(D) x 2.4~2.7(H) cm
Weight	~2.4 kg

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