

GIGABYTE™

Game Like a Pro, Mechanical Keyboard On The Go

100% Adoption of Mechanical Keyboard for AORUS Laptops

AORUS 17X



39.6 cm

29.3 cm



HDMI 2.0

RJ45

3.8 cm

2 x DC-in Jack for RTX 2080
1x DC-in Jack for others

SD Card Reader

DP 1.4 & USB3.2 Gen1 (Type-C)

Microphone

Thunderbolt 3

Earphone(Hi-Fi / SPDIF)

USB3.2 Gen1(Type-A)

USB3.2 Gen1(Type-C)

2 x USB3.2 (Gen1)

- Mech. KB with OMRON Mechanical Switch
- AORUS RGB Fusion 2.0 for Keyboard Control
- WINDFORCE INFINITY Cooling System
- Support "Graphic switch" technology
- ESS Sabre Hi-Fi Audio DAC for 24bit/192KHz
- World's First Microsoft Azure AI for Notebook
- 10th Gen Intel® Core™ i7/ i9 Processor H-Series
- FHD 300Hz IPS / FHD 240Hz IPS / FHD 144Hz IPS Panel
- 72% NTSC, 100% sRGB
- 3mm Ultra-thin Bezel
- X-Rite Pantone® Certified Display
- Support up to two M.2 Slots + 2.5" HDD/SSD
- Killer™ Ethernet E2600
- Killer™ Wi-Fi 6 AX1650
- NVIDIA® GeForce® RTX 20 SUPER™ Series
- NVIDIA® GeForce RTX™ 20 Series
- NVIDIA® GeForce® GTX 16 Series



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DATA SHEET

AORUS 17X (Intel 10th Gen)

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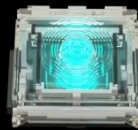
AORUS 17X (Intel 10th Gen)

Mechanical Keyboard by OMRON Gaming Switch

AORUS joins the world renowned mechanical switches innovator (OMRON), creating the world's first laptop with OMRON mechanical switches, the AORUS 17X. Not only does it have sensational feel, every key comes at an optimal height of **2.5mm** with an ultra-durable keystroke lifespan of up to **15 million** times.



AORUS and OMRON leads the way with gold plated contact points, not only does it transfer signals more effectively, it also combats deterioration from friction. Greatly increase the lifespan of the switches.



AORUS and OMRON designed a unique "concentric" keycap, letting the LED underneath the keycap to shine though evenly and in a way that increases overall lighting intensity by 27%.

AORUS RGB FUSION 2.0

Each and every key can be customized to light up only the required keys for each application, allowing the user 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 17X.



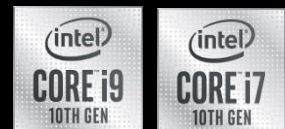
NVIDIA® GeForce® RTX SUPER™

The all new AORUS 17X, equipped with NVIDIA® GeForce® RTX SUPER™ graphics, based on the NVIDIA Turing™ GPU architecture with real-time ray tracing, artificial intelligence, and programmable shading bringing gamers a whole new experience.



Experience the Extreme – 10th Gen intel® core i9-10980HK

The all new AORUS 17X has equipped itself with an 8 core overclockable processor, the Intel® Core i9-10980HK, with a clock speed of 5.3Ghz, in addition to Intel® Thermal Velocity Boost dynamic overclocking technology, gamers can expect flying speeds when it comes to media processing and gaming experiences.



Racing Design

The AORUS 17X chassis combines elements of fast and powerful design, expanding its original design inspiration cues taken from fighter jets, exotic cars and the phoenix. Each and every line is giving the chassis a raging sense of freedom and power through its metal construction.

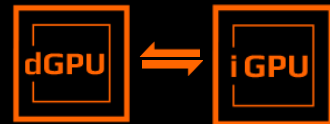


AORUS
GAMING⁺ & Professional⁺ Laptops

AORUS 17X (Intel 10th Gen)

AORUS Graphics Switch

Laptop performance has always battery drain as a challenge, now with the “Graphic Switch” in the AORUS Control Center, gamers can switch different GPU modes in order to suit the situation. Gamers can go max performance with the discrete NVIDIA® GPU or save battery power by using the NVIDIA® Optimus™ technology, no matter what, the control is in your hands.



WINDFORCE Infinity Cooling System

The AORUS 17X is equipped with the latest WINDFORCE Infinity Cooling System, cooling efficiency is up by 40%, not only does it help the AORUS 17X achieving 100% CPU and GPU outputs but also remains quite and stable at the same time.



300Hz Gaming Display Panel

The all new AORUS 17X comes equipped with the world's thinnest 3mm display bezel for unforgettable visuals, in addition to an 300Hz 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.



Killer™ Ethernet E2600 + Killer™ Wi-Fi 6 AX1650

The AORUS 17X is equipped with the all new killer E2600 LAN internet chip and the all new AX1650 wireless network card. The AX 1650 further supports next generation internet standard 802.11AX (Wi-Fi 6) with a transfer speed of up to 2.4Gbps, in addition to the Killer exclusive data package arrangement technology, giving you in game data stability, so you can concentrate on your mission.



ESS SABRE Hi-Fi Audio with 24bit/192KHz

The AORUS 17X is equipped with the latest ESS SABRE Hi-Fi DAC audio chip which supports up to 24bit/192KHz output frequency, easily drives 16~600ohm mid to high-end headphones, meaning that sounds are clearer and more detailed, giving gamers the advantage of taking the initiative through hearing precise sounds.



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AORUS 17X | SPEC.

Model	AORUS 17X YB	AORUS 17X XB	AORUS 17X WB
OS	Windows 10 Pro / Windows 10 Home		
CPU	Intel® Core™ i9-10980HK (2.4Ghz~5.3Ghz) Intel® Core™ i7-10875H (2.3GHz~5.1GHz) Intel® Core™ i7-10750H (2.6GHz~5.0GHz)		
Display	17.3" Thin Bezel FHD 300Hz Display 17.3" Thin Bezel FHD 240Hz Display		
Memory	DDR4, 8GB/16GB/32GB, 2 slots (Max 64GB)		
Chipset	Mobile Intel® HM470 Express Chipset		
Video Graphics	Intel® UHD Graphics 630 NVIDIA® GeForce RTX™ 2080 Super GDDR6 8GB	Intel® UHD Graphics 630 NVIDIA® GeForce RTX™ 2070 Super GDDR6 8GB	Intel® UHD Graphics 630 NVIDIA® GeForce RTX™ 2070 GDDR6 8GB
Storage	*Support 3 Storages System 1 x 2.5” HDD/2.5“ SSD 2x M.2 SSD slots (Type 2280, supports 1x NVMe PCIe & SATA/ 1x NVMe PCIe) *The storage capacity may differ by country and region. Please contact your local dealers or retailers for the latest product information.		
Keyboard	AORUS RGB Fusion 2.0 / Mechanical Keyboard with OMRON Gaming Switch/N-Key Rollover / Key Travel:2.5mm		
I/O Port	1x HDMI2.0 3x USB3.2 Gen1(Type-A) 1x USB3.2 Gen1(Type-C) 1x DP 1.4 & USB3.2 Gen1 (Type-C)* 1x Thunderbolt3 (Type-C,) 1x UHS-II SD Card Reader 1x Microphone 1x Earphone (HiFi/SPDIF) 1x RJ45 *The type-C port complies with VESA and USB Association specifications. Feasibility may vary by devices.		
DC jack	2x DC-in Jack	1x DC-in Jack	
Audio	ESS Sabre HiFi Audio DAC 2x 2W Speakers 1x 3W Subwoofer 1x Dual-Array Microphone NAHINIC 3		
Communications	Killer™ Ethernet E2600, Killer™ Wi-Fi 6 AX1650(Powered by Intel), Bluetooth: Bluetooth V5.0 + LE		
Adapter*	330W x2	330W x1	
*Adapter may differ by country and region. Please contact your local dealers or retailers for the latest product information			
Battery	Li Polymer 94Wh		
Dimension	396(W)x 293(D)x 38(H)mm 15.59(W)x 11.53(D)x 1.49(H)		
Weight	~3.75 kg / 8.26 lb		

*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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