TEAM UP. FIGHT ON.

AORUS 16X (2024)

Re: Defyne

AORUS AI Gaming Laptop

intel. CORE i9 | NVIDIA GEFORCE RTX

Re: Shape the Vision

- 4-Side Super- Slim Bezels
- 165 Hz — Smooth Gameplay
- 91% — 16:10 WQXGA Resolution
- 100% sRGB — Vivid Color Gamut
- 3ms — Response Time
- PANTONE Validated — Color Accuracy
- TÜVRheinland CERTIFIED — TÜV Rheinland Cert.

Re: Volving in Silence

- Windforce Infinity Cooling
- 84 Blades 12V Dual-fans
- 5 Heatpipes
- Min. 0.1mm Thin fins
- 3D VortX Air-channeling
- Icy Touch Design & 0dB Cooling

TEAM UP. FIGHT ON.

Re: Deem the Great Talents with AI

- Up to RPL-Refresh i9-HX CPU
- Up to RTX 4070 Laptop GPU Max. TGP 140W
- AI Nexus
- iGPU / dGPU — MUX — NVIDIA Advanced Optimus G-SYNC™
- x2 — Dual Channel DDR5 Ram
- x2 — Dual Slots Gen4 SSD

TEAM UP. FIGHT ON.

Re: Fuel Your Productivity

- Easy-to-Go
- RGB Fusion 2.0
- Dolby VISION·ATMOS — Immersive Effects
- Stealth Design
- Large & Precision Touchpad
- Type C PD Charging
- 99Wh Capacity
- Wi-Fi 7

*Specifications are subject to change without notice. GIGABYTE cannot be responsible for errors and omissions in typography or photography.

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2 Type of Cover Design

Midnight Gray

Aurora Gray

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Product Specifications

MODEL	AORUS 16X ASG 2024	AORUS 16X AKG 2024
PROCESSOR OPTIONS	Intel® Core™ i9-14900HX processor Intel® Core™ i7-14650HX processor	
Operating System	Windows 11	
GRAPHICS	NVIDIA® GeForce RTX™ 4070 Laptop GPU 8GB GDDR6	NVIDIA® GeForce RTX™ 4060 Laptop GPU 8GB GDDR6
	Max. TGP 140W (with Dynamic Boosts), Support NVIDIA Advanced Optimus: DDS · G-SYNC	
DISPLAY	16.0" 16:10 WQXGA 2560x1600 165Hz Display (100% sRGB, 165Hz Refresh Rate, 3ms, 400 nits, Pantone® Validated, TÜV Rheinland-certified, Dolby Vision®)	
SYSTEM MEMORY	2x DDR5 Slots (DDR5-5600, Up to 32GB)	
STORAGE OPTIONS	2x M.2 SSD slots (Supports 2x PCIe Gen4x4 NVMe™ M.2 SSD, Up to 2TB)	
I/O PORT	2 x Type-A support USB3.2 Gen2 1 x Type-C with Thunderbolt™ 4 (support USB4, DisplayPort™ 1.4 and Power Delivery 3.0) 1 x Type-C support USB3.2 Gen2, DisplayPort™ 1.4 1 x RJ-45 1 x HDMI 2.1 1 x MicroSD (UHS-II) 1 x Audio Jack support mic / headphone combo 1 x DC in	
AUDIO & SPEAKERS	2x 2W Speaker, Microphone, Dolby Atmos® with Smart AMP	
KEYBOARD	3-zone RGB Backlit Keyboard, Up to 1.7mm Key-travel (Support N-Key)	
COMMUNICATIONS	Wi-Fi: Intel® Wi-Fi 7 Wireless (802.11be 2x2) LAN: 1G Bluetooth: Bluetooth® V5.4	
SECURITY	Firmware-based TPM, supports Intel® Platform Trust Technology (Intel® PTT)	
WEBCAM	FHD (1080p) IR Webcam, Build-in array Microphone, Windows Hello	
POWER SUPPLY	240W AC Adapter, 100W PD	
BATTERY	Li Polymer 99Wh	
COLOR	Midnight Gray / Aurora Gray	
CONSTRUCTION	Aluminum with anti-finger coated in cover	
BUILT-IN APPS	GIGABYTE CONTROL CENTER	
DIMENSIONS	35.6(W) x 25.4(D) x 2.0~2.7(H) cm / 14.01(W) x 10(D) x 0.78~1.06(H) inch	
WEIGHT	~2.3 kg (w/Battery, M.2 SSD, RAM*2) / ~5.07 lb	

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Product Specifications

MODEL	AORUS 16X 9SG 2024	AORUS 16X 9KG 2024
PROCESSOR OPTIONS	Intel® Core™ i7-13650HX processor	
Operating System	Windows 11	
GRAPHICS	NVIDIA® GeForce RTX™ 4070 Laptop GPU 8GB GDDR6	NVIDIA® GeForce RTX™ 4060 Laptop GPU 8GB GDDR6
	Max. TGP 140W (with Dynamic Boosts), Support NVIDIA Advanced Optimus: DDS · G-SYNC	
DISPLAY	16.0" 16:10 WQXGA 2560x1600 165Hz Display (100% sRGB, 165Hz Refresh Rate, 3ms, 400 nits, Pantone® Validated, TÜV Rheinland-certified, Dolby Vision®)	
SYSTEM MEMORY	2x DDR5 Slots (DDR5-4800, Up to 32GB)	
STORAGE OPTIONS	2x M.2 SSD slots (Supports 2x PCIe Gen4x4 NVMe™ M.2 SSD, Up to 2TB)	
I/O PORT	2 x Type-A support USB3.2 Gen2 1 x Type-C with Thunderbolt™ 4 (support USB4, DisplayPort™ 1.4 and Power Delivery 3.0) 1 x Type-C support USB3.2 Gen2, DisplayPort™ 1.4 1 x RJ-45 1 x HDMI 2.1 1 x MicroSD (UHS-II) 1 x Audio Jack support mic / headphone combo 1 x DC in	
AUDIO & SPEAKERS	2x 2W Speaker, Microphone, Dolby Atmos® with Smart AMP	
KEYBOARD	3-zone RGB Backlit Keyboard, Up to 1.7mm Key-travel (Support N-Key)	
COMMUNICATIONS	Wi-Fi: Intel® Wi-Fi 7 Wireless (802.11be 2x2) LAN: 1G Bluetooth: Bluetooth® V5.4	
SECURITY	Firmware-based TPM, supports Intel® Platform Trust Technology (Intel® PTT)	
WEBCAM	FHD (1080p) IR Webcam, Build-in array Microphone, Windows Hello	
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