

## GIGABYTE AORUS 16X 9KG - 16 Inch, 165Hz QHD, Intel Core i7-13650HX, NVIDIA GeForce RTX 4060 GPU, 16GB DDR5 4800MHz, 1x 1TB Gen4 SDD, Windows 11 Home, 2 Year Warranty, Dolby Atmos, 16X 9KG-43UKC54SH

**Brand :** GIGABYTE

**Product code:** AORUS 16X  
9KG-43UKC54SH



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Intel Core i7-13650HX (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

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It's time to wield the power of AI. Introducing a new lineup of AI gaming laptops from AORUS. The all-new AORUS 16X is built to unleash the latest Intel Core HX processor and the NVIDIA GeForce RTX 40 Series Laptop GPU for the powerful generative AI. With the 165 Hz QHD display, the AORUS 16X offers smooth gameplay. Visuals and sounds are elevated to a new level as a personal cinema by up to 91% screen-to-body ratio and the Dolby Atmos. Coupled with the exclusive Windforce Infinity cooling technology, it is agile in travel and effortlessly overcomes adversaries.



Design		Camera	
Colour name	Midnight Gray	Front camera	✓
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Grey	Front camera HD type	Full HD
Form factor *	Clamshell	Infrared (IR) camera	✓
Market positioning	Gaming	Network	
Introduction year	2024	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Country of origin	China	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display		Mobile network connection *	✗
Display diagonal *	40.6 cm (16")	Antenna type	2x2
Display resolution *	2560 x 1600 pixels	WLAN controller manufacturer	Intel
Touchscreen *	✗	Ethernet LAN	✓
HD type	WQXGA	Ethernet LAN data rates	10,100,1000 Mbit/s
Native aspect ratio	16:10	Bluetooth	✓
RGB colour space	sRGB	Bluetooth version	5.4
Colour gamut	100%	Ports & interfaces	
Maximum refresh rate	165 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel® Core™ i7	HDMI ports quantity *	1
Processor generation	13th gen Intel® Core™ i7	HDMI version	2.1
Processor model *	i7-13650HX	Thunderbolt 4 ports quantity	1
Processor cores	14	Intel® Thunderbolt 4	✓
Processor boost frequency	4.9 GHz	Combo headphone/mic port	✓
Performance cores	6	Charging port type	DC-in jack
Efficient cores	8	USB Type-C DisplayPort Alternate Mode	✓
Performance-core Max Turbo Frequency	4.9 GHz		
Efficient-core Max Turbo Frequency	3.6 GHz		

<b>Processor</b>		<b>Keyboard</b>	
Processor cache	24 MB	Pointing device	Touchpad
Processor cache type	Smart Cache	Numeric keypad *	✗
Processor base power	55 W	Keyboard backlit	✓
Maximum turbo power	157 W	Keyboard backlit colour	RGB
<b>Memory</b>		Keyboard backlit zone	3-zone RGB
Internal memory *	16 GB	<b>Software</b>	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory clock speed	4800 MHz	Operating system installed *	Windows 11 Home
Memory form factor	SO-DIMM	<b>Battery</b>	
Memory layout (slots x size)	2 x 8 GB	Battery technology	Lithium Polymer (LiPo)
Memory slots	2x SO-DIMM	Number of battery cells	4
Maximum internal memory *	32 GB	Battery capacity *	99 Wh
<b>Storage</b>		Battery weight	348 g
Total storage capacity *	1 TB	<b>Power</b>	
Storage media *	SSD	AC adapter power	240 W
Total SSDs capacity	1 TB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	1 TB	<b>Security</b>	
SSD interface	PCI Express 4.0	Face recognition	✓
NVMe	✓	Windows Hello	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	<b>Weight &amp; dimensions</b>	
Card reader integrated	✓	Width	356 mm
Compatible memory cards	MicroSD (TransFlash)	Depth	254 mm
<b>Graphics</b>		Height (front)	2 cm
Discrete GPU manufacturer	NVIDIA	Height (rear)	2.7 cm
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Weight *	2.3 kg
Discrete graphics card memory	8 GB	<b>Packaging data</b>	
Discrete graphics memory type	GDDR6	Package width	95 mm
On-board graphics card *	✓	Package depth	400 mm
On-board GPU manufacturer	Intel	Package height	315 mm
Discrete graphics card *	✓	Package weight	3.94 kg
On-board graphics card family	Intel® UHD Graphics	<b>Packaging content</b>	
On-board graphics card model *	Intel® UHD Graphics	Number of batteries	1
<b>Audio</b>		<b>Logistics data</b>	
Audio system	Dolby Atmos	Products per shipping (inner) case	1 pc(s)
Number of built-in speakers	2	<b>Other features</b>	
Speaker power	2 W	Batteries included	✓
Built-in microphone	✓	Warranty period	2 year(s)



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