

GIGABYTE AORUS 16X AKG-53USC64SH laptop Intel® Core™ i7 i7-14650HX 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 7 (802.11be) Windows 11 Home Grey

Brand : GIGABYTE **Product family:** AORUS **Product code:** AORUS 16X AKG-53USC64SH

Product name : AORUS 16X AKG-53USC64SH

- Windows 11 Home
- Intel Core i7-14650HX (30MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
- Intel Core i7-14650HX (30MB Cache), 32GB 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

GIGABYTE AORUS 16X AKG-53USC64SH laptop Intel® Core™ i7 i7-14650HX 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 7 (802.11be) Windows 11 Home Grey:

Powered by an Intel Core HX processor and NVIDIA GeForce RTX 40 Series Laptop GPU, the AORUS 16X unleashes potent generative AI. Boasting a 165 Hz QHD display with a cinematic 91% screen-to-body ratio and Dolby Atmos, it conquers the battlefield with Windforce Infinity cooling, blending power and agility in a sleek design.



Design		Audio	
Product type *	Laptop	Audio system	Dolby Atmos
Product colour *	Grey	Number of built-in speakers	2
Form factor *	Clamshell	Speaker power	2 W
Introduction year	2024	Built-in microphone	✓
Display		Camera	
Display diagonal *	40.6 cm (16")	Front camera	✓
Display resolution *	2560 x 1600 pixels	Front camera resolution	1920 x 1080 pixels
Touchscreen *	✗	Front camera HD type	Full HD
HD type	WQXGA	Infrared (IR) camera	✓
Native aspect ratio	16:10	Network	
RGB colour space	sRGB	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 7 (802.11be)
Maximum refresh rate	165 Hz	Mobile network connection *	✗
Processor		Antenna type	2x2
Processor manufacturer *	Intel	WLAN controller manufacturer	Intel
Processor family *	Intel® Core™ i7	Ethernet LAN	✓
Processor generation	Intel® Core™ i7 (14th gen)	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor model *	i7-14650HX	Bluetooth	✓
Processor cores	16	Bluetooth version	5.4
Processor threads	24	Ports & interfaces	
Processor boost frequency	5.2 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Performance cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Efficient cores	8	Ethernet LAN (RJ-45) ports	1
Performance-core Max Turbo Frequency	5.2 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	3.7 GHz	HDMI version	2.1
Performance-core base frequency	2.2 GHz		
Efficient-core base frequency	1.6 GHz		

Processor		Ports & interfaces	
Processor cache	30 MB	Thunderbolt 4 ports quantity	1
Processor cache type	Smart Cache	Intel® Thunderbolt 4	✓
Processor base power	55 W	Combo headphone/mic port	✓
Maximum turbo power	157 W	USB Type-C DisplayPort Alternate Mode	✓
Memory		Keyboard	
Internal memory *	32 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✗
Memory clock speed	5600 MHz	Keyboard backlit	✓
Memory layout (slots x size)	2 x 16 GB	Keyboard backlit colour	RGB
Memory slots	2x SO-DIMM	Keyboard backlit zone	3-zone RGB
Maximum internal memory *	64 GB	Software	
Storage		Operating system installed *	Windows 11 Home
Total storage capacity *	1 TB	Battery	
Storage media *	SSD	Battery technology	Lithium Polymer (LiPo)
Total SSDs capacity	1 TB	Battery capacity *	99 Wh
Number of SSDs installed	1	Battery weight	348 g
SSD capacity	1 TB	Power	
SSD interface	PCI Express 4.0	AC adapter power	240 W
NVMe	✓	DC-in jack	✓
SSD form factor	M.2	Security	
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	356 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Depth	254 mm
Discrete graphics card memory	8 GB	Height (front)	2 cm
Discrete graphics memory type	GDDR6	Height (rear)	2.7 cm
On-board graphics card *	✓	Weight *	2.3 kg
On-board GPU manufacturer	Intel	Packaging data	
Discrete graphics card *	✓	Package width	95 mm
On-board graphics card family	Intel® UHD Graphics	Package depth	400 mm
On-board graphics card model *	Intel® UHD Graphics	Package height	315 mm
		Package weight	3.94 kg
		Other features	
		Batteries included	✓
		Warranty period	2 year(s)



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