

Gigabyte G6X 9KG 2024 - 16 Inch, 165Hz FHD, Intel Core i7-13650HX, NVIDIA GeForce RTX 4060 GPU, 16GB DDR5 4800MHz, 1x 1TB Gen4 SDD, Windows 11 Home, 2 Year Warranty, Dolby Atmos, G6X 9KG-43UK854SH

Brand : Gigabyte

Product code: G6X
9KG-43UK854SH



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- 13th Gen Intel Core i7-13650HX
- NVIDIA GeForce RTX 4060 Laptop GPU
- 16.0" 16:10 WUXGA (1920 x 1200) 165Hz FHD Display
- WINDFORCE Cooling System
- Mux Switch Technology
- Dolby Atmos Immersive Sound
- Supports DDR5 Memory

Intel Core i7-13650HX (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200, 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 GIGABYTE. The all-new GIGABYTE G6X harnesses the Intel Core HX processor and the NVIDIA GeForce RTX 40 Series Laptop GPU for the powerful generative AI. The cores are both covered by the upgraded WINDFORCE cooling system to ensure maximum performance. Visuals and sounds are elevated to a new level as a personal cinema by up to 90% screen-to-body ratio and the Dolby Atmos. It can be your AI powerhouse, gaming center, and also personal cinema. The GIGABYTE G6X provides you with all the possibilities.

Design		Audio	
Colour name	Gunmetal Gray	Built-in microphone	✓
Product type *	Laptop	Camera	
Product colour *	Grey	Front camera	✓
Form factor *	Clamshell	Front camera resolution	1280 x 720 pixels
Market positioning	Gaming	Front camera HD type	HD
Introduction year	2024	Infrared (IR) camera	✓
Country of origin	China	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1200 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	2x2
HD type	WUXGA	Ethernet LAN	✓
Native aspect ratio	16:10	Ethernet LAN data rates	10,100,1000 Mbit/s
RGB colour space	NTSC	Bluetooth	✓
Colour gamut	45%	Bluetooth version	5.2
Maximum refresh rate	165 Hz	Ports & interfaces	
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor family *	Intel® Core™ i7	Ethernet LAN (RJ-45) ports	1
Processor generation	13th gen Intel® Core™ i7	HDMI ports quantity *	1
Processor model *	i7-13650HX	HDMI version	2.1
Processor cores	14	Combo headphone/mic port	✓
Processor boost frequency	4.9 GHz	Charging port type	DC-in jack
Performance cores	6		
Efficient cores	8		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	4.9 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core Max Turbo Frequency	3.6 GHz	Keyboard	
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
Memory		Keyboard backlit zone	1-zone RGB
Internal memory *	16 GB	Software	
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	Battery	
Memory layout (slots x size)	2 x 8 GB	Battery technology	Lithium-Ion (Li-Ion)
Memory slots	2x SO-DIMM	Number of battery cells	4
Maximum internal memory *	32 GB	Battery capacity *	73 Wh
Storage		Battery weight	283 g
Total storage capacity *	1 TB	Power	
Storage media *	SSD	AC adapter power	180 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	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Weight & dimensions	
Card reader integrated	✗	Width	361 mm
Graphics		Depth	259 mm
Discrete GPU manufacturer	NVIDIA	Height (front)	2.51 cm
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Height (rear)	2.89 cm
Discrete graphics card memory	8 GB	Weight *	2.5 kg
Discrete graphics memory type	GDDR6	Packaging data	
On-board graphics card *	✓	Package width	103 mm
On-board GPU manufacturer	Intel	Package depth	397 mm
Discrete graphics card *	✓	Package height	317 mm
On-board graphics card family	Intel® UHD Graphics	Package weight	2.98 kg
On-board graphics card model *	Intel® UHD Graphics	Packaging content	
Audio		Number of batteries	1
Audio system	Dolby Atmos	Logistics data	
Number of built-in speakers	2	Products per shipping (inner) case	1 pc(s)
Speaker power	2 W	Other features	
		Batteries included	✓
		Warranty period	2 year(s)



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