

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 generation	13th gen Intel® Core™ i7	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel® Core™ i7	HDMI ports quantity *	1
Processor model *	i7-13650HX	HDMI version	2.1
Processor boost frequency	4.9 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	3.6 GHz	Charging port type	DC-in jack
Performance-core Max Turbo Frequency	4.9 GHz		

Processor		Ports & interfaces	
Processor cores	14	USB Type-C DisplayPort Alternate Mode	✓
Performance cores	6	Keyboard	
Efficient cores	8	Pointing device	Touchpad
Processor cache	24 MB	Numeric keypad *	✓
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor base power	55 W	Keyboard backlit colour	RGB
Maximum turbo power	157 W	Keyboard backlit zone	1-zone RGB
Memory		Software	
Internal memory *	16 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Home
Memory clock speed	4800 MHz	Battery	
Memory form factor	SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Memory layout (slots x size)	2 x 8 GB	Number of battery cells	4
Memory slots	2x SO-DIMM	Battery capacity *	73 Wh
Maximum internal memory *	32 GB	Battery weight	283 g
Storage		Power	
Total storage capacity *	1 TB	AC adapter power	180 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	Security	
SSD capacity	1 TB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Kensington
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Weight & dimensions	
Optical drive type *	✗	Width	361 mm
Card reader integrated	✗	Depth	259 mm
Graphics		Height (front)	2.51 cm
Discrete GPU manufacturer	NVIDIA	Height (rear)	2.89 cm
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Weight *	2.5 kg
On-board graphics card *	✓	Packaging data	
On-board GPU manufacturer	Intel	Package width	103 mm
Discrete graphics card *	✓	Package depth	397 mm
On-board graphics card family	Intel® UHD Graphics	Package height	317 mm
On-board graphics card model *	Intel® UHD Graphics	Package weight	2.98 kg
Discrete graphics card memory	8 GB	Packaging content	
Discrete graphics memory type	GDDR6	Number of batteries	1
Audio		Logistics data	
Audio system	Dolby Atmos	Products per shipping (inner) case	1 pc(s)
Number of built-in speakers	2	Other features	
Speaker power	2 W	Batteries included	✓
		Warranty period	2 year(s)



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