

GIGABYTE G6X 9KG-43US864SH laptop Intel® Core™ i7 i7-13650HX 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : GIGABYTE

Product code: G6X 9KG-43US864SH

Product name : G6X 9KG-43US864SH



- Windows 11 Home 64-bit
- Intel Core i7-13650HX (24MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 32GB (4800MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD

Intel Core i7-13650HX (24MB Cache), 32GB 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 64-bit

GIGABYTE G6X 9KG-43US864SH laptop Intel® Core™ i7 i7-13650HX 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Grey:

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		Camera	
Colour name	Gunmetal Gray	Front camera	✓
Product type *	Laptop	Front camera resolution	1280 x 720 pixels
Product colour *	Grey	Front camera HD type	HD
Form factor *	Clamshell	Network	
Market positioning	Gaming	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Introduction year	2024	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	40.6 cm (16")	Antenna type	2x2
Display resolution *	1920 x 1200 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	WUXGA	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.2
RGB colour space	NTSC	Ports & interfaces	
Colour gamut	45%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Maximum refresh rate	165 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
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	Combo headphone/mic port	✓
Processor cores	14	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	4.9 GHz	Keyboard	
Performance cores	6	Pointing device	Touchpad
Efficient cores	8	Numeric keypad *	✓
Performance-core Max Turbo Frequency	4.9 GHz		
Efficient-core Max Turbo Frequency	3.6 GHz		
Processor cache	24 MB		

Processor		Keyboard	
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 *	32 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 16 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	DC-in jack	✓
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	
Built-in microphone	✓	Batteries included	✓
		Warranty period	2 year(s)



0810075659344



810075659344

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.