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GIGABYTE G6 KF-H3US865KH laptop Intel® Core™ i7 i7-13620H 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black



Brand : GIGABYTE

Product code: G6 KF-H3US865KH

Product name : G6 KF-H3US865KH

- Windows 11 Home
- Intel Core i7-13620H (24MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 32GB (4800MHz) DDR5-SDRAM & 2000GB SSD

Intel Core i7-13620H (24MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

GIGABYTE G6 KF-H3US865KH. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13620H. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home. Product colour: Black



Design	
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming
Introduction year	2023

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	WUXGA
Native aspect ratio	16:10
Maximum refresh rate	165 Hz

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-13620H
Processor cores	10
Processor boost frequency	4.9 GHz
Performance cores	6
Efficient cores	4
Performance-core Max Turbo Frequency	4.9 GHz
Efficient-core Max Turbo Frequency	3.6 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Processor base power	45 W
Maximum turbo power	115 W

Graphics	
On-board GPU manufacturer	Intel
Discrete graphics card *	✓
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics

Audio	
Audio system	DTS:X Ultra
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✓

Camera	
Front camera	✓
Front camera HD type	HD

Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Ethernet LAN	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✓
Bluetooth version	5.2

Ports & interfaces	
USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Ethernet LAN (RJ-45) ports	1

Memory	
Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	4800 MHz
Memory layout (slots x size)	2 x 16 GB
Maximum internal memory *	64 GB

Storage	
Total storage capacity *	2 TB
Storage media *	SSD
Total SSDs capacity	2 TB
Number of SSDs installed	1
SSD capacity	2 TB
SSD interface	PCI Express
NVMe	✔
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4060
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔

Ports & interfaces	
HDMI ports quantity *	1
Mini DisplayPorts quantity	1
Microphone in	✔
Combo headphone/mic port	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Full-size keyboard	✔

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 11 Home

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Battery capacity *	54 Wh

Power	
AC adapter power	150 W
DC-in jack	✔

Security	
Cable lock slot	✔
Cable lock slot type	Kensington

Weight & dimensions	
Width	359.5 mm
Depth	25.1 mm
Height	26 mm
Weight *	2.3 kg

Catalog Object Cloud



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