



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

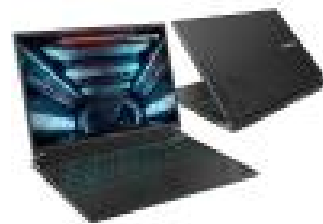
Product name : G6X 9KG 2024 - 16 Inch, 165Hz FHD, Intel Core i7-13650HX, NVIDIA GeForce RTX 4060 GPU, 16GB DDR5 4800MHz, 1x 1TB Gen4 SDD, Windows 11 Home, 2 Year Warranty, Dolby Atmos, G6X 9KG-43UK854SH

- 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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