

## Gigabyte G5 KF-E3UK313SH notebook i5-12500H 39.6 cm (15.6") Full HD Intel® Core™ i5 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black

**Brand :** Gigabyte

**Product code:** G5 KF-E3UK313SH

**Product name :** G5 KF-E3UK313SH

- Windows 11 Home
- Intel Core i5-12500H (18MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 16GB (3200MHz) DDR4-SDRAM (2 x 8) & 512GB SSD

Intel Core i5-12500H (18MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

Gigabyte G5 KF-E3UK313SH. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-12500H. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home. Product colour: Black



|                              |                          |   |                     |
|------------------------------|--------------------------|---|---------------------|
| <b>Design</b>                |                          | <b>Camera</b>                                     |                     |
| Product type *               | Notebook                 | Front camera                                      | ✓                   |
| Product colour *             | Black                    | Front camera HD type                              | HD                  |
| Form factor *                | Clamshell                | <b>Network</b>                                    |                     |
| <b>Display</b>               |                          | Top Wi-Fi standard *                              | Wi-Fi 6E (802.11ax) |
| Display diagonal *           | 39.6 cm (15.6")          | Wi-Fi standards                                   | Wi-Fi 6E (802.11ax) |
| Display resolution *         | 1920 x 1080 pixels       | Mobile network connection *                       | ✗                   |
| Touchscreen *                | ✗                        | WLAN controller manufacturer                      | Intel               |
| HD type                      | Full HD                  | Ethernet LAN                                      | ✓                   |
| Native aspect ratio          | 16:9                     | Ethernet LAN data rates                           | 10,100,1000 Mbit/s  |
| RGB colour space             | NTSC                     | Bluetooth   | ✓                   |
| Colour gamut                 | 45%                      | Bluetooth version                                 | 5.2                 |
| Maximum refresh rate         | 144 Hz                   | <b>Ports &amp; interfaces</b>                     |                     |
| <b>Processor</b>             |                          | USB 2.0 ports quantity *                          | 1                   |
| Processor manufacturer *     | Intel                    | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1                   |
| Processor generation         | 12th gen Intel® Core™ i5 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity   | 2                   |
| Processor model *            | i5-12500H                | Ethernet LAN (RJ-45) ports                        | 1                   |
| Processor family *           | Intel® Core™ i5          | HDMI ports quantity *                             | 1                   |
| Processor boost frequency    | 4.5 GHz                  | Mini DisplayPorts quantity                        | 1                   |
| Processor cores              | 12                       | Combo headphone/mic port                          | ✓                   |
| Processor cache              | 18 MB                    | Charging port type                                | DC-in jack          |
| Configurable TDP-down        | 35 W                     | <b>Keyboard</b>                                   |                     |
| <b>Memory</b>                |                          | Pointing device                                   | Touchpad            |
| Internal memory *            | 16 GB                    | Numeric keypad *                                  | ✓                   |
| Internal memory type         | DDR4-SDRAM               | Keyboard backlit                                  | ✓                   |
| Memory clock speed           | 3200 MHz                 | <b>Software</b>                                   |                     |
| Memory layout (slots x size) | 2 x 8 GB                 | Operating system installed *                      | Windows 11 Home     |
| Maximum internal memory *    | 64 GB                    |   |                     |

| Storage                        |                         | Processor special features                              |                      |
|--------------------------------|-------------------------|---|----------------------|
| Total storage capacity *       | 512 GB                  | Intel Flex Memory Access                                | ✓                    |
| Storage media *                | SSD                     | Intel Trusted Execution Technology                      | ✓                    |
| Total SSDs capacity            | 512 GB                  | Intel VT-x with Extended Page Tables (EPT)              | ✓                    |
| Number of SSDs installed       | 1                       | Execute Disable Bit                                     | ✓                    |
| SSD capacity                   | 512 GB                  | CPU configuration (max)                                 | 1                    |
| SSD interface                  | PCI Express 4.0         | Embedded options available                              | ✗                    |
| NVMe                           | ✓                       | Intel Virtualization Technology for Directed I/O (VT-d) | ✓                    |
| SSD form factor                | M.2                     | Intel Virtualization Technology (VT-x)                  | ✓                    |
| Optical drive type *           | ✗                       | Battery   |                      |
| Card reader integrated         | ✓                       | Battery technology                                      | Lithium-Ion (Li-Ion) |
| Compatible memory cards        | MicroSD (TransFlash)    | Battery capacity *                                      | 54 Wh                |
| Graphics                       |                         | Power   |                      |
| Discrete GPU manufacturer      | NVIDIA                  | AC adapter power  | 150 W                |
| Discrete graphics card model * | NVIDIA GeForce RTX 4060 | Security  |                      |
| On-board graphics card *       | ✓                       | Cable lock slot   | ✓                    |
| Discrete graphics card *       | ✓                       | Cable lock slot type                                    | Kensington           |
| On-board graphics card family  | Intel Iris Xe Graphics  | Trusted Platform Module (TPM)                           | ✓                    |
| On-board graphics card model * | Intel Iris Xe Graphics  | Weight & dimensions                                     |                      |
| Discrete graphics card memory  | 8 GB                    | Width   | 360 mm               |
| Discrete graphics memory type  | GDDR6                   | Depth   | 238 mm               |
| Audio                          |                         | Height  | 22.7 mm              |
| Audio system                   | DTS:X Ultra             | Weight *  | 1.9 kg               |
| Number of built-in speakers    | 2                       |   |                      |
| Speaker power                  | 2 W                     |   |                      |



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