



**ASUS VivoBook 14X K3405ZF-LY134W Laptop 35.6 cm (14") WUXGA Intel® Core™ i5 i5-12450H 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 2050 Wi-Fi 6E (802.11ax) Windows 11 Home Silver**



**Brand :** ASUS

**Product family:** VivoBook

**Product code:** 90NB11H2-M005X0

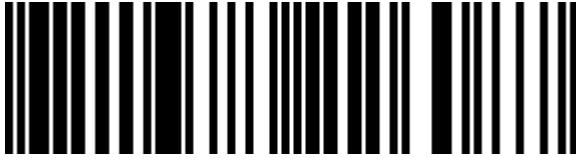
**Product name :** K3405ZF-LY134W

- Windows 11 Home 64-bit  
 - Intel Core i5-12450H (12MB Cache)  
 - 35.6 cm (14") WUXGA 1920 x 1200 IPS, NVIDIA GeForce RTX 2050 (4GB GDDR6)  
 - 16GB DDR4-SDRAM (2 x 8) & 512GB SSD  
 Intel Core i5-12450H (12MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 2050 (4GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS VivoBook 14X K3405ZF-LY134W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-12450H. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 2050. Operating system installed: Windows 11 Home. Product colour: Silver



| Design                               |                          | Audio   |                     |
|--------------------------------------|--------------------------|---|---------------------|
| Colour name                          | Cool Silver              | Audio system                                      | SonicMaster         |
| Product type *                       | Laptop                   | Built-in microphone                               | ✓                   |
| Product colour *                     | Silver                   | Camera  |                     |
| Form factor *                        | Clamshell                | Front camera                                      | ✓                   |
| Housing material                     | Aluminium                | Front camera HD type                              | HD                  |
| Market positioning                   | Home                     | Privacy camera                                    | ✓                   |
| Introduction year                    | 2023                     | Privacy type                                      | Privacy shutter     |
| Display                              |                          | Network   |                     |
| Display diagonal *                   | 35.6 cm (14")            | Top Wi-Fi standard *                              | Wi-Fi 6E (802.11ax) |
| Display resolution *                 | 1920 x 1200 pixels       | Wi-Fi standards                                   | Wi-Fi 6E (802.11ax) |
| Touchscreen *                        | ✗                        | Mobile network connection *                       | ✗                   |
| HD type                              | WUXGA                    | Antenna type                                      | 1x1                 |
| Panel type                           | IPS                      | Ethernet LAN                                      | ✗                   |
| Native aspect ratio                  | 16:10                    | Bluetooth   | ✓                   |
| Display surface                      | Gloss                    | Bluetooth version                                 | 5.3                 |
| Display brightness                   | 300 cd/m <sup>2</sup>    | Ports & interfaces                                |                     |
| RGB colour space                     | NTSC                     | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                   |
| Colour gamut                         | 45%                      | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1                   |
| Processor                            |                          | HDMI ports quantity *                             | 1                   |
| Processor manufacturer *             | Intel                    | HDMI version                                      | 2.1                 |
| Processor generation                 | 12th gen Intel® Core™ i5 | Combo headphone/mic port                          | ✓                   |
| Processor family *                   | Intel® Core™ i5          | Charging port type                                | DC-in jack          |
| Processor model *                    | i5-12450H                | Power adapter barrel connector                    | 4.5 mm              |
| Processor boost frequency            | 4.4 GHz                  | USB Power Delivery                                | ✓                   |
| Efficient-core boost frequency       | 4.1 GHz                  | Keyboard  |                     |
| Efficient-core Max Turbo Frequency   | 3.3 GHz                  | Pointing device                                   | Touchpad            |
| Performance-core Max Turbo Frequency | 4.4 GHz                  |   |                     |

|                                |                         |                                   |   |
|--------------------------------|-------------------------|-----------------------------------|---|
| <b>Processor</b>               |                         | <b>Keyboard</b>                   |   |
| Processor cores                | 8                       | Numeric keypad *                  | ✗   |
| Performance cores              | 4                       | Keyboard backlit                  | ✓   |
| Efficient cores                | 4                       | <b>Software</b>                   |   |
| Processor cache                | 12 MB                   | Operating system architecture     | 64-bit  |
| Processor cache type           | Smart Cache             | Trial software                    | 1-month trial for new Microsoft 365 customers |
| Configurable TDP-down          | 35 W                    | Operating system installed *      | Windows 11 Home                               |
| Processor base power           | 45 W                    | <b>Processor special features</b> |   |
| Maximum turbo power            | 95 W                    | CPU configuration (max)           | 1   |
| <b>Memory</b>                  |                         | <b>Battery</b>                    |   |
| Internal memory *              | 16 GB                   | Battery technology                | Lithium-Ion (Li-Ion)                          |
| Internal memory type           | DDR4-SDRAM              | Number of battery cells           | 3   |
| Memory form factor             | On-board + SO-DIMM      | Battery capacity *                | 50 Wh   |
| Memory layout (slots x size)   | 2 x 8 GB                | <b>Power</b>                      |   |
| Memory slots                   | 1x SO-DIMM              | AC adapter power                  | 90 W  |
| Maximum internal memory *      | 16 GB                   | AC adapter frequency              | 50 - 60 Hz                                    |
| <b>Storage</b>                 |                         | AC adapter input voltage          | 100 - 240 V                                   |
| Total storage capacity *       | 512 GB                  | AC adapter output current         | 4.74 A  |
| Storage media *                | SSD                     | AC adapter output voltage         | 19 V  |
| Total SSDs capacity            | 512 GB                  | <b>Security</b>                   |   |
| Number of SSDs installed       | 1                       | Fingerprint reader                | ✗   |
| SSD capacity                   | 512 GB                  | Trusted Platform Module (TPM)     | ✓   |
| SSD interface                  | PCI Express 3.0         | Password protection               | ✓   |
| NVMe                           | ✓                       | Password protection type          | BIOS, User                                    |
| SSD form factor                | M.2                     | <b>Sustainability</b>             |   |
| Optical drive type *           | ✗                       | Sustainability compliance         | ✓   |
| <b>Graphics</b>                |                         | Sustainability certificates       | REACH, RoHS                                   |
| Discrete GPU manufacturer      | NVIDIA                  | <b>Weight &amp; dimensions</b>    |   |
| Discrete graphics card model * | NVIDIA GeForce RTX 2050 | Width                             | 317.1 mm                                      |
| On-board graphics card *       | ✓                       | Depth                             | 222.5 mm                                      |
| Discrete graphics card *       | ✓                       | Height                            | 18.9 mm                                       |
| On-board graphics card family  | Intel® UHD Graphics     | Weight *                          | 1.4 kg  |
| On-board graphics card model * | Intel® UHD Graphics     | <b>Packaging content</b>          |   |
| Discrete graphics card memory  | 4 GB                    | Mouse included                    | ✓   |
| Discrete graphics memory type  | GDDR6                   | Mouse connectivity                | Wired   |
|                                |                         | Bag included                      | ✓   |



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