

## ASUS Vivobook 16 X1605VA-SH2124W laptop Intel® Core™ i5 i5-13420H 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black



**Brand :** ASUS

**Product family:** Vivobook

**Product code:** X1605VA-SH2124W

**Product name :** X1605VA-SH2124W

- Windows 11 Home 64-bit
- Intel Core i5-13420H (12MB Cache)
- 16" WUXGA 1920 x 1200 IPS-Level
- 16GB DDR4-SDRAM & 512GB SSD

Intel Core i5-13420H (12MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 16" WUXGA 1920 x 1200 IPS-Level, Intel UHD Graphics, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook 16 X1605VA-SH2124W laptop Intel® Core™ i5 i5-13420H 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black:

### Let your vision shine

Everything is smoother with the powerful ASUS Vivobook 16, the feature-packed laptop with user-friendly features including a 180° lay-flat hinge, a physical webcam shield and dedicated function keys to turn your mic on or off. Your health is in safe hands with ASUS Antimicrobial Guard Plus protecting frequently-touched surfaces, and the bigger touchpad is now more finger-friendly. Enjoy the smooth power of Vivobook 16!

| Design                               |                          | Graphics                                          |                     |
|--------------------------------------|--------------------------|---------------------------------------------------|---------------------|
| Colour name                          | Indie Black              | On-board graphics card family                     | Intel® UHD Graphics |
| Product type *                       | Laptop                   | On-board graphics card model *                    | Intel® UHD Graphics |
| Product colour *                     | Black                    | <b>Audio</b>                                      |                     |
| Form factor *                        | Clamshell                | Audio system                                      | SonicMaster         |
| Market positioning                   | Home                     | Built-in microphone                               | ✓                   |
| Certified refurbished                | ✗                        | <b>Camera</b>                                     |                     |
| Display                              |                          | Front camera                                      | ✓                   |
| Display diagonal *                   | 40.6 cm (16")            | Front camera HD type                              | HD                  |
| Display resolution *                 | 1920 x 1200 pixels       | Privacy camera                                    | ✓                   |
| Touchscreen *                        | ✗                        | Privacy type                                      | Privacy shutter     |
| HD type                              | WUXGA                    | <b>Network</b>                                    |                     |
| Panel type                           | IPS-Level                | Top Wi-Fi standard *                              | Wi-Fi 6E (802.11ax) |
| Native aspect ratio                  | 16:10                    | Wi-Fi standards                                   | Wi-Fi 6E (802.11ax) |
| Anti-glare screen                    | ✓                        | Mobile network connection *                       | ✗                   |
| Display brightness                   | 300 cd/m²                | Antenna type                                      | 1x1                 |
| RGB colour space                     | NTSC                     | Ethernet LAN                                      | ✗                   |
| Colour gamut                         | 45%                      | Bluetooth                                         | ✓                   |
| Maximum refresh rate                 | 60 Hz                    | Bluetooth version                                 | 5.3                 |
| Processor                            |                          | Ports & interfaces                                |                     |
| Processor manufacturer *             | Intel                    | USB 2.0 ports quantity *                          | 1                   |
| Processor family *                   | Intel® Core™ i5          | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                   |
| Processor generation                 | 13th gen Intel® Core™ i5 | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1                   |
| Processor model *                    | i5-13420H                | HDMI ports quantity *                             | 1                   |
| Processor cores                      | 8                        | HDMI version                                      | 1.4                 |
| Processor threads                    | 12                       | Combo headphone/mic port                          | ✓                   |
| Processor boost frequency            | 4.6 GHz                  | <b>Keyboard</b>                                   |                     |
| Performance cores                    | 4                        | Pointing device                                   | Touchpad            |
| Efficient cores                      | 4                        |                                                   |                     |
| Performance-core Max Turbo Frequency | 4.6 GHz                  |                                                   |                     |
| Efficient-core Max Turbo Frequency   | 3.4 GHz                  |                                                   |                     |

| Processor                      |                 | Keyboard                      |                      |
|--------------------------------|-----------------|-------------------------------|----------------------|
| Processor cache                | 12 MB           | Numeric keypad *              | ✓                    |
| Processor cache type           | Smart Cache     |                               |                      |
| Processor base power           | 45 W            |                               |                      |
| Maximum turbo power            | 115 W           |                               |                      |
| Neural processor unit (NPU)    |                 |                               |                      |
| Copilot+ PC                    | ✗               |                               |                      |
| Memory                         |                 |                               |                      |
| Internal memory *              | 16 GB           |                               |                      |
| Internal memory type           | DDR4-SDRAM      |                               |                      |
| Storage                        |                 |                               |                      |
| Total storage capacity *       | 512 GB          |                               |                      |
| Storage media *                | SSD             |                               |                      |
| Total SSDs capacity            | 512 GB          |                               |                      |
| Number of SSDs installed       | 1               |                               |                      |
| SSD capacity                   | 512 GB          |                               |                      |
| SSD interface                  | PCI Express 3.0 |                               |                      |
| NVMe                           | ✓               |                               |                      |
| SSD form factor                | M.2             |                               |                      |
| Optical drive type *           | ✗               |                               |                      |
| Card reader integrated         | ✗               |                               |                      |
| Graphics                       |                 |                               |                      |
| Discrete graphics card model * | Not available   |                               |                      |
| On-board graphics card *       | ✓               |                               |                      |
| On-board GPU manufacturer      | Intel           |                               |                      |
| Discrete graphics card *       | ✗               |                               |                      |
|                                |                 | Software                      |                      |
|                                |                 | Operating system architecture | 64-bit               |
|                                |                 | Operating system installed *  | Windows 11 Home      |
|                                |                 | Battery                       |                      |
|                                |                 | Battery technology            | Lithium-Ion (Li-Ion) |
|                                |                 | Number of battery cells       | 3                    |
|                                |                 | Battery capacity *            | 42 Wh                |
|                                |                 | Power                         |                      |
|                                |                 | AC adapter power              | 65 W                 |
|                                |                 | AC adapter frequency          | 50 - 60 Hz           |
|                                |                 | AC adapter input voltage      | 100 - 240 V          |
|                                |                 | AC adapter output current     | 3.42 A               |
|                                |                 | AC adapter output voltage     | 19 V                 |
|                                |                 | DC-in jack                    | ✓                    |
|                                |                 | USB Type-C charging port *    | ✓                    |
|                                |                 | USB Power Delivery (USB PD)   | ✓                    |
|                                |                 | Security                      |                      |
|                                |                 | Trusted Platform Module (TPM) | ✓                    |
|                                |                 | Password protection           | ✓                    |
|                                |                 | Password protection type      | BIOS, User           |
|                                |                 | Weight & dimensions           |                      |
|                                |                 | Width                         | 358.6 mm             |
|                                |                 | Depth                         | 249.5 mm             |
|                                |                 | Height                        | 19.9 mm              |
|                                |                 | Weight *                      | 1.88 kg              |
|                                |                 | Packaging content             |                      |
|                                |                 | AC adapter included *         | ✓                    |



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### Catalog Object Cloud



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