

## ASUS Vivobook 16 F1605VA-WS96 Intel® Core™ i9 i9-13900H Laptop 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Silver



**Brand :** ASUS

**Product family:** Vivobook

**Product code:** 90NB10N2-M01XR0

**Product name :** F1605VA-WS96

- Windows 11 Home 64-bit
- Intel Core i9-13900H (24MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level
- 16GB DDR4-SDRAM & 1000GB SSD

Intel Core i9-13900H (24MB Cache), 16GB DDR4-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook 16 F1605VA-WS96 Intel® Core™ i9 i9-13900H Laptop 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Silver:

### 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                               |                          | Camera                                            |                     |
|--------------------------------------|--------------------------|---------------------------------------------------|---------------------|
| Colour name                          | Cool Silver              | Front camera                                      | ✓                   |
| Product type *                       | Laptop                   | Front camera HD type                              | HD                  |
| Product colour *                     | Silver                   | Privacy camera                                    | ✓                   |
| Form factor *                        | Clamshell                | Privacy type                                      | Privacy shutter     |
| Display                              |                          | Network                                           |                     |
| Display diagonal *                   | 40.6 cm (16")            | 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-Level                | Ethernet LAN                                      | ✗                   |
| Native aspect ratio                  | 16:10                    | Bluetooth                                         | ✓                   |
| Anti-glare screen                    | ✓                        | Bluetooth version                                 | 5.3                 |
| Display brightness                   | 300 cd/m²                | Ports & interfaces                                |                     |
| RGB colour space                     | NTSC                     | USB 2.0 ports quantity *                          | 1                   |
| Colour gamut                         | 45%                      | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                   |
| Maximum refresh rate                 | 60 Hz                    | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1                   |
| Processor                            |                          | HDMI ports quantity *                             | 1                   |
| Processor manufacturer *             | Intel                    | HDMI version                                      | 1.4                 |
| Processor family *                   | Intel® Core™ i9          | Combo headphone/mic port                          | ✓                   |
| Processor generation                 | 13th gen Intel® Core™ i9 | Power adapter barrel connector                    | 4.5 mm              |
| Processor model *                    | i9-13900H                | Keyboard                                          |                     |
| Processor cores                      | 14                       | Pointing device                                   | Touchpad            |
| Processor threads                    | 20                       | Numeric keypad *                                  | ✓                   |
| Processor boost frequency            | 5.4 GHz                  | Software                                          |                     |
| Performance cores                    | 6                        | Operating system architecture                     | 64-bit              |
| Efficient cores                      | 8                        | Operating system installed *                      | Windows 11 Home     |
| Performance-core Max Turbo Frequency | 5.4 GHz                  |                                                   |                     |
| Efficient-core Max Turbo Frequency   | 4.1 GHz                  |                                                   |                     |
| Processor cache                      | 24 MB                    |                                                   |                     |
| Processor cache type                 | Smart Cache              |                                                   |                     |

| Processor                      |                        | Battery                       |                           |
|--------------------------------|------------------------|-------------------------------|---------------------------|
| Processor base power           | 45 W                   | Battery technology            | Lithium-Ion (Li-Ion)      |
| Maximum turbo power            | 115 W                  | Number of battery cells       | 3                         |
| Memory                         |                        | Battery capacity *            | 42 Wh                     |
| Internal memory *              | 16 GB                  | Power                         |                           |
| Internal memory type           | DDR4-SDRAM             | AC adapter frequency          | 50 - 60 Hz                |
| Maximum internal memory *      | 16 GB                  | AC adapter input voltage      | 100 - 240 V               |
| Storage                        |                        | AC adapter output voltage     | 19 V                      |
| Total storage capacity *       | 1 TB                   | DC-in jack                    | ✓                         |
| Storage media *                | SSD                    | USB Type-C charging port *    | ✓                         |
| Total SSDs capacity            | 1 TB                   | USB Power Delivery (USB PD)   | ✓                         |
| Number of SSDs installed       | 1                      | Security                      |                           |
| SSD capacity                   | 1 TB                   | Trusted Platform Module (TPM) | ✓                         |
| NVMe                           | ✓                      | Password protection           | ✓                         |
| SSD form factor                | M.2                    | Password protection type      | BIOS, User                |
| Optical drive type *           | ✗                      | Certificates                  |                           |
| Card reader integrated         | ✗                      | Compliance certificates       | REACH                     |
| Graphics                       |                        | Sustainability                |                           |
| Discrete graphics card model * | Not available          | Sustainability certificates   | ENERGY STAR, EPEAT Silver |
| On-board graphics card *       | ✓                      | Weight & dimensions           |                           |
| On-board GPU manufacturer      | Intel                  | Width                         | 358.7 mm                  |
| Discrete graphics card *       | ✗                      | Depth                         | 249.5 mm                  |
| On-board graphics card model * | Intel Iris Xe Graphics | Height                        | 19.9 mm                   |
| Audio                          |                        | Weight *                      | 1.88 kg                   |
| Audio system                   | SonicMaster            | Packaging content             |                           |
| Built-in microphone            | ✓                      | AC adapter included *         | ✓                         |



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### Catalog Object Cloud



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