

## ASUS Vivobook S14 OLED S5406SA-QD004W Copilot+ PC Intel Core Ultra 5 226V Laptop 35.6 cm (14") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Home Blue Belgian



**Brand :** ASUS

**Product family:** Vivobook

**Product code:** 90NB15R2-M00340

**Product name :** S5406SA-QD004W

Intel Core Ultra 5 226V (8MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 OLED, Intel Arc Graphics 130V, WLAN, Webcam, Windows 11 Home 64-bit

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ASUS Vivobook S 14 OLED

### Simply slim, simply stunning.

The ASUS Vivobook S 14 OLED elevates your laptop encounter, harmoniously blending advanced technology with a clean, minimalist design. It showcases the power of up to Intel® Core™ Ultra 9 processor for exceptional performance, a dedicated Copilot key<sup>1</sup> for more AI exploration, a svelte 1.3 kg<sup>2</sup> construction, a substantial 16-hour battery life<sup>3</sup>, and a captivating 3K ASUS Lumina OLED screen. It also includes an ergonomically designed keyboard with vibrant RGB backlighting, a generously sized touchpad, and an ASUS AiSense camera. This laptop is the perfect companion for modern life.

| Design                              |                             | Graphics                                          |                         |
|-------------------------------------|-----------------------------|---------------------------------------------------|-------------------------|
| Colour name                         | Mist Blue                   | Discrete graphics card *                          | ✗                       |
| Product type *                      | Laptop                      | On-board graphics card family                     | Intel Arc Graphics      |
| Product colour *                    | Blue                        | On-board graphics card model *                    | Intel Arc Graphics 130V |
| Form factor *                       | Clamshell                   | <b>Audio</b>                                      |                         |
| Housing material                    | Aluminium                   | Audio system                                      | Smart Amp               |
| Market positioning                  | Home                        | Speakers manufacturer                             | Harman Kardon           |
| <b>Display</b>                      |                             | Built-in microphone                               | ✓                       |
| Display diagonal *                  | 35.6 cm (14")               | <b>Camera</b>                                     |                         |
| Display resolution *                | 1920 x 1200 pixels          | Front camera                                      | ✓                       |
| Touchscreen *                       | ✗                           | Front camera resolution                           | 1920 x 1080 pixels      |
| HD type                             | WUXGA                       | Front camera HD type                              | Full HD                 |
| Panel type                          | OLED                        | Infrared (IR) camera                              | ✓                       |
| Native aspect ratio                 | 16:10                       | Privacy camera                                    | ✓                       |
| Display surface                     | Gloss                       | Privacy type                                      | Privacy shutter         |
| Display brightness                  | 400 cd/m <sup>2</sup>       | <b>Network</b>                                    |                         |
| Maximum display brightness (HDR)    | 600 cd/m <sup>2</sup>       | Top Wi-Fi standard *                              | Wi-Fi 7 (802.11be)      |
| RGB colour space                    | DCI-P3                      | Wi-Fi standards                                   | Wi-Fi 7 (802.11be)      |
| Colour gamut                        | 100%                        | Mobile network connection *                       | ✗                       |
| Maximum refresh rate                | 60 Hz                       | Antenna type                                      | 2x2                     |
| Contrast ratio (typical)            | 1000000:1                   | Ethernet LAN                                      | ✗                       |
| High Dynamic Range (HDR) supported  | ✓                           | Bluetooth                                         | ✓                       |
| High Dynamic Range (HDR) technology | HDR True Black 600          | Bluetooth version                                 | 5.4                     |
| <b>Processor</b>                    |                             | <b>Ports &amp; interfaces</b>                     |                         |
| Processor manufacturer *            | Intel                       | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                       |
| Processor family *                  | Intel Core Ultra 5          | HDMI ports quantity *                             | 1                       |
| Processor generation                | Intel Core Ultra (Series 2) | HDMI version                                      | 2.1                     |
| Processor model *                   | 226V                        | Thunderbolt 4 ports quantity                      | 2                       |
| Processor cores                     | 8                           | Intel® Thunderbolt 4                              | ✓                       |
| Processor threads                   | 8                           |                                                   |                         |

| Processor                                    |                                                | Ports & interfaces                    |                                                                                                 |
|----------------------------------------------|------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------|
| Processor boost frequency                    | 4.5 GHz                                        | Combo headphone/mic port              | ✓                                                                                               |
| Performance cores                            | 4                                              | USB Type-C DisplayPort Alternate Mode | ✓                                                                                               |
| Low Power Efficient-cores                    | 4                                              |                                       |                                                                                                 |
| Performance-core Max Turbo Frequency         | 4.5 GHz                                        |                                       |                                                                                                 |
| Low Power Efficient-core Max Turbo Frequency | 3.5 GHz                                        |                                       |                                                                                                 |
| Performance-core base frequency              | 2.1 GHz                                        |                                       |                                                                                                 |
| Low Power Efficient-core Base Frequency      | 2.1 MHz                                        |                                       |                                                                                                 |
| Processor cache                              | 8 MB                                           |                                       |                                                                                                 |
| Processor cache type                         | Smart Cache                                    |                                       |                                                                                                 |
| Processor base power                         | 17 W                                           |                                       |                                                                                                 |
| Maximum turbo power                          | 37 W                                           |                                       |                                                                                                 |
| Neural processor unit (NPU)                  |                                                | Performance                           |                                                                                                 |
| Copilot+ PC                                  | ✓                                              | Repairability index                   | 8.4                                                                                             |
| Neural processor unit (NPU)                  | Intel AI Boost                                 |                                       |                                                                                                 |
| Sparsity support                             | ✓                                              |                                       |                                                                                                 |
| Windows Studio effects support               | ✓                                              |                                       |                                                                                                 |
| AI datatype support on NPU                   | Int8                                           |                                       |                                                                                                 |
| AI software frameworks supported by NPU      | DirectML, ONNX RT, OpenVINO, WebNN, Windows ML |                                       |                                                                                                 |
| NPU performance up to                        | 40 TOPs                                        |                                       |                                                                                                 |
| Memory                                       |                                                | Keyboard                              |                                                                                                 |
| Internal memory *                            | 16 GB                                          | Pointing device                       | Touchpad                                                                                        |
| Internal memory type                         | LPDDR5x-SDRAM                                  | Numeric keypad *                      | ✗                                                                                               |
| Memory form factor                           | On-board                                       | Keyboard backlit                      | ✓                                                                                               |
| Maximum internal memory *                    | 16 GB                                          | Keyboard backlit colour               | RGB                                                                                             |
|                                              |                                                | Keyboard backlit zone                 | 1-zone RGB                                                                                      |
|                                              |                                                | Keyboard language                     | Belgian                                                                                         |
|                                              |                                                | Copilot key                           | ✓                                                                                               |
| Storage                                      |                                                | Software                              |                                                                                                 |
| Total storage capacity *                     | 512 GB                                         | Operating system architecture         | 64-bit                                                                                          |
| Storage media *                              | SSD                                            | Microsoft Copilot                     | ✓                                                                                               |
| Total SSDs capacity                          | 512 GB                                         |                                       |                                                                                                 |
| Number of SSDs installed                     | 1                                              | Trial software                        | 1-month trial for new Microsoft 365 customers. Credit card required. McAfee® 30 days free trial |
| SSD capacity                                 | 512 GB                                         | Operating system installed *          | Windows 11 Home                                                                                 |
| SSD interface                                | PCI Express 4.0                                |                                       |                                                                                                 |
| NVMe                                         | ✓                                              |                                       |                                                                                                 |
| SSD form factor                              | M.2                                            |                                       |                                                                                                 |
| Optical drive type *                         | ✗                                              |                                       |                                                                                                 |
| Card reader integrated                       | ✓                                              |                                       |                                                                                                 |
| Compatible memory cards                      | MicroSD (TransFlash)                           |                                       |                                                                                                 |
| Graphics                                     |                                                | Battery                               |                                                                                                 |
| Discrete graphics card model *               | Not available                                  | Battery technology                    | Lithium-Ion (Li-Ion)                                                                            |
| On-board graphics card *                     | ✓                                              | Number of battery cells               | 4                                                                                               |
| On-board GPU manufacturer                    | Intel                                          | Battery capacity *                    | 75 Wh                                                                                           |
|                                              |                                                |                                       |                                                                                                 |
|                                              |                                                | Power                                 |                                                                                                 |
|                                              |                                                | AC adapter power                      | 65 W                                                                                            |
|                                              |                                                | AC adapter frequency                  | 50 - 60 Hz                                                                                      |
|                                              |                                                | AC adapter input voltage              | 100 - 240 V                                                                                     |
|                                              |                                                | AC adapter output current             | 3.25 A                                                                                          |
|                                              |                                                | AC adapter output voltage             | 20 V                                                                                            |
|                                              |                                                | USB Type-C charging port *            | ✓                                                                                               |
|                                              |                                                | USB Power Delivery (USB PD)           | ✓                                                                                               |
|                                              |                                                |                                       |                                                                                                 |
|                                              |                                                | Security                              |                                                                                                 |
|                                              |                                                | Windows Hello                         | ✓                                                                                               |
|                                              |                                                | Trusted Platform Module (TPM)         | ✓                                                                                               |
|                                              |                                                | Password protection                   | ✓                                                                                               |
|                                              |                                                | Password protection type              | BIOS, User                                                                                      |
|                                              |                                                |                                       |                                                                                                 |
|                                              |                                                | Certificates                          |                                                                                                 |
|                                              |                                                | Compliance certificates               | REACH                                                                                           |
|                                              |                                                |                                       |                                                                                                 |
|                                              |                                                | Sustainability                        |                                                                                                 |
|                                              |                                                | Sustainability certificates           | ENERGY STAR                                                                                     |
|                                              |                                                |                                       |                                                                                                 |
|                                              |                                                | Weight & dimensions                   |                                                                                                 |
|                                              |                                                | Width                                 | 310.5 mm                                                                                        |
|                                              |                                                | Depth                                 | 221.9 mm                                                                                        |
|                                              |                                                | Height (front)                        | 1.39 cm                                                                                         |
|                                              |                                                | Height (rear)                         | 1.59 cm                                                                                         |
|                                              |                                                | Weight *                              | 1.3 kg                                                                                          |
|                                              |                                                |                                       |                                                                                                 |
|                                              |                                                | Packaging content                     |                                                                                                 |
|                                              |                                                | AC adapter included *                 | ✓                                                                                               |



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### Catalog Object Cloud



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