

## ASUS Zenbook S16 UM5606GA-SR334W Copilot+ PC AMD Ryzen AI 9 465 Laptop 40.6 cm (16") Touchscreen 3K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home White

**Brand :** ASUS

**Product family:** Zenbook

**Product code:** 90NB17H4-M00H90

**Product name :** UM5606GA-SR334W



AMD Ryzen AI 9 465 (2GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") 3K 2880 x 1800 OLED Touch, AMD Radeon 880M, WLAN, Webcam, Windows 11 Home 64-bit

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ASUS Zenbook S 16

### New Zen with superior AI

Zenbook S 16 is the first ultrathin 16-inch new-era ASUS AI PC, combining performance with sophistication. It has been completely redesigned from the inside out. The chassis incorporates our exquisite new Ceraluminum™, a high-tech ceramic in a range of nature-inspired colors. It provides the characteristics of hardness while completing the ultra-slim design and withstand the test of time. This new-era ASUS AI PC harnesses the latest AMD Ryzen™ AI processor, enhanced by quiet ambient cooling. It's designed to enrich your on-the-go lifestyle, with an astonishingly thin 1.1 cm1 chassis housing an advanced 16-inch 3K ASUS Lumina OLED2 display and immersive six-speaker audio.

| Design                              |                            | Audio                                           |                                                                                                               |
|-------------------------------------|----------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Colour name                         | 3W, Scandinavian White     | Audio system                                    | Smart Amp                                                                                                     |
| Product type *                      | Laptop                     | Built-in microphone                             | ✓                                                                                                             |
| Product colour *                    | White                      | Camera                                          |                                                                                                               |
| Form factor *                       | Clamshell                  | Front camera                                    | ✓                                                                                                             |
| Housing material                    | Aluminium                  | Front camera resolution                         | 1920 x 1080 pixels                                                                                            |
| Market positioning                  | Home                       | Front camera HD type                            | Full HD                                                                                                       |
| Display                             |                            | Infrared (IR) camera                            | ✓                                                                                                             |
| Display diagonal *                  | 40.6 cm (16")              | Network                                         |                                                                                                               |
| Display resolution *                | 2880 x 1800 pixels         | Wi-Fi                                           | ✓                                                                                                             |
| Touchscreen *                       | ✓                          | Top Wi-Fi standard *                            | Wi-Fi 7 (802.11be)                                                                                            |
| HD type                             | 3K                         | Wi-Fi standards                                 | Wi-Fi 7 (802.11be)                                                                                            |
| Panel type                          | OLED                       | Mobile network connection *                     | ✗                                                                                                             |
| Display number of colours           | 1.07 billion colours       | Antenna type                                    | 2x2                                                                                                           |
| Native aspect ratio                 | 16:10                      | Bluetooth                                       | ✓                                                                                                             |
| Display surface                     | Gloss                      | Bluetooth version                               | 5.4                                                                                                           |
| Display brightness                  | 500 cd/m²                  | Ports & interfaces                              |                                                                                                               |
| Maximum display brightness (HDR)    | 1000 cd/m²                 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 1                                                                                                             |
| RGB colour space                    | DCI-P3                     | USB4 Gen 3x2 ports quantity                     | 2                                                                                                             |
| Colour gamut                        | 100%                       | HDMI ports quantity *                           | 1                                                                                                             |
| Low Blue Light technology           | ✓                          | HDMI version                                    | 2.1                                                                                                           |
| Display response rise/fall          | 0.2 ms                     | Combo headphone/mic port                        | ✓                                                                                                             |
| Maximum refresh rate                | 120 Hz                     | I/O ports                                       | 1x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps)                                                             |
| Contrast ratio (typical)            | 1000000:1                  |                                                 | 2x USB 4.0 Gen 3 Type-C with support for display / power delivery (data speed up to 40Gbps), 1x HDMI 2.1 TMDS |
| High Dynamic Range (HDR) supported  | ✓                          | USB Type-C DisplayPort Alternate Mode           | 1x 3.5mm Combo Audio Jack, SD 4.0 card reader                                                                 |
| High Dynamic Range (HDR) technology | DisplayHDR True Black 1000 |                                                 | ✓                                                                                                             |
| Processor                           |                            |                                                 |                                                                                                               |
| Processor manufacturer *            | AMD                        |                                                 |                                                                                                               |
| Processor family *                  | AMD Ryzen AI 9             |                                                 |                                                                                                               |
| Processor generation                | AMD Ryzen AI 400 Series    |                                                 |                                                                                                               |
| Processor model *                   | 465                        |                                                 |                                                                                                               |

| Processor                         |                     | Keyboard                                   |                                                                                                                                                                                                                                     |
|-----------------------------------|---------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor cores                   | 10                  | Pointing device                            | Touchpad                                                                                                                                                                                                                            |
| Processor threads                 | 20                  | Numeric keypad *                           | ✗                                                                                                                                                                                                                                   |
| Processor boost frequency         | 5 GHz               | Keyboard backlit                           | ✓                                                                                                                                                                                                                                   |
| Processor frequency *             | 2 GHz               | Copilot key                                | ✓                                                                                                                                                                                                                                   |
| Processor cache type              | L2 & L3             | Software                                   |                                                                                                                                                                                                                                     |
| L3 cache                          | 24 MB               | Operating system architecture              | 64-bit                                                                                                                                                                                                                              |
| L2 cache                          | 10 MB               | Microsoft Copilot                          | ✓                                                                                                                                                                                                                                   |
| Neural processor unit (NPU)       |                     | Pre-installed software                     | StoryCube                                                                                                                                                                                                                           |
| Copilot+ PC                       | ✓                   |                                            | ASUS Recovery                                                                                                                                                                                                                       |
| Neural processor unit (NPU)       | AMD Ryzen AI        |                                            | MyASUS                                                                                                                                                                                                                              |
| Total processor performance up to | 73 TOPs             | Trial software                             | ScreenXpert                                                                                                                                                                                                                         |
| NPU performance up to             | 50 TOPs             |                                            | GlideX                                                                                                                                                                                                                              |
| Memory                            |                     |                                            | 1-month trial for new Microsoft 365 customers. Credit card required.                                                                                                                                                                |
| Internal memory *                 | 32 GB               | Operating system installed *               | Windows 11 Home                                                                                                                                                                                                                     |
| Internal memory type              | LPDDR5x-SDRAM       | Bundled software                           | Xbox Game Pass Premium_2 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.) |
| Memory form factor                | On-board            |                                            |                                                                                                                                                                                                                                     |
| Maximum internal memory *         | 32 GB               |                                            |                                                                                                                                                                                                                                     |
| Storage                           |                     |                                            |                                                                                                                                                                                                                                     |
| Total storage capacity *          | 1 TB                |                                            |                                                                                                                                                                                                                                     |
| Storage media *                   | SSD                 |                                            |                                                                                                                                                                                                                                     |
| Total SSDs capacity               | 1 TB                |                                            |                                                                                                                                                                                                                                     |
| Number of SSDs installed          | 1                   |                                            |                                                                                                                                                                                                                                     |
| SSD capacity                      | 1 TB                |                                            |                                                                                                                                                                                                                                     |
| SSD interface                     | PCI Express 4.0     |                                            |                                                                                                                                                                                                                                     |
| NVMe                              | ✓                   |                                            |                                                                                                                                                                                                                                     |
| SSD form factor                   | M.2                 |                                            |                                                                                                                                                                                                                                     |
| M.2 SSD size                      | 2280 (22 x 80 mm)   |                                            |                                                                                                                                                                                                                                     |
| Optical drive type *              | ✗                   |                                            |                                                                                                                                                                                                                                     |
| Card reader integrated            | ✓                   |                                            |                                                                                                                                                                                                                                     |
| Compatible memory cards           | SD                  |                                            |                                                                                                                                                                                                                                     |
| 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         | AMD                 | Battery capacity *                         | 83 Wh                                                                                                                                                                                                                               |
| Discrete graphics card *          | ✗                   | Power                                      |                                                                                                                                                                                                                                     |
| On-board graphics card family     | AMD Radeon          | USB Type-C charging port *                 | ✓                                                                                                                                                                                                                                   |
| On-board graphics card model *    | AMD Radeon Graphics | USB Type-C required charging power (min) * | 45 W                                                                                                                                                                                                                                |
| On-board graphics card 4K support | ✓                   | USB Type-C required charging power (max) * | 65 W                                                                                                                                                                                                                                |
| On-board graphics card 8K support | ✓                   | USB Power Delivery (USB PD)                | ✓                                                                                                                                                                                                                                   |
| AMD FreeSync                      | ✓                   | Security                                   |                                                                                                                                                                                                                                     |
|                                   |                     | Windows Hello                              | ✓                                                                                                                                                                                                                                   |
|                                   |                     | Trusted Platform Module (TPM)              | ✓                                                                                                                                                                                                                                   |
|                                   |                     | Certificates                               |                                                                                                                                                                                                                                     |
|                                   |                     | Compliance certificates                    | RoHS, REACH                                                                                                                                                                                                                         |
|                                   |                     | Certification                              | US MIL-STD 810H                                                                                                                                                                                                                     |
|                                   |                     | Sustainability                             |                                                                                                                                                                                                                                     |
|                                   |                     | Sustainability certificates                | ENERGY STAR                                                                                                                                                                                                                         |
|                                   |                     | Weight & dimensions                        |                                                                                                                                                                                                                                     |
|                                   |                     | Width                                      | 353.6 mm                                                                                                                                                                                                                            |
|                                   |                     | Depth                                      | 243 mm                                                                                                                                                                                                                              |
|                                   |                     | Height (front)                             | 1.19 cm                                                                                                                                                                                                                             |
|                                   |                     | Height (rear)                              | 1.29 cm                                                                                                                                                                                                                             |
|                                   |                     | Weight *                                   | 1.5 kg                                                                                                                                                                                                                              |
|                                   |                     | Packaging content                          |                                                                                                                                                                                                                                     |
|                                   |                     | AC adapter included *                      | ✗                                                                                                                                                                                                                                   |
|                                   |                     | Bag included                               | ✓                                                                                                                                                                                                                                   |
|                                   |                     | Accessories included                       | Sleeve, * Included accessories vary according to country and territory. Please check with your local ASUS retailer for details.                                                                                                     |
|                                   |                     | Other features                             |                                                                                                                                                                                                                                     |
|                                   |                     | Expansion slots                            | 1x M.2 2280 PCIe 4.0x4                                                                                                                                                                                                              |



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### Catalog Object Cloud



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