

## ASUS Zenbook S16 UM5606GA-SS180W Copilot+ PC AMD Ryzen AI 9 465 Laptop 40.6 cm (16") 3K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Dutch Grey

**Brand :** ASUS

**Product family:** Zenbook

**Product code:** 90NB17H5-M00B90

**Product name :** UM5606GA-SS180W

- Windows 11 Home
  - 1.1 cm ultra-thin, 1.5 kg1 ultra-light Copilot+ PC
  - All-metal chassis with lightweight and durable2 Ceraluminum cover
  - AMD Ryzen AI 9 465 processor with up to 50 TOPS NPU for advanced AI performance and power efficiency
  - 3K 120 Hz ASUS Lumina OLED display with six speakers for an immersive visual and sound experience
  - All-day 83 Wh battery and a full set of I/O ports
- AMD Ryzen AI 9 465 (2GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") 3K 2880 x 1800 OLED, AMD Radeon 880M, WLAN, Webcam, Windows 11 Home 64-bit



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### Pro-Level Performance. Sleek Design.

ASUS Zenbook S16 is built from solid metal using an integrated molding process combined with CNC machining. This ensures uncompromised mobility with a sleek, lightweight, and durable design. Wherever you go, your laptop is ready to follow!

- 30% Lighter 3x Stronger Ceraluminum
- Full-day Battery Life & Fast Charging
- ASUS Lumina OLED Display

| Design                             |                      | Graphics                                        |                    |
|------------------------------------|----------------------|-------------------------------------------------|--------------------|
| Colour name                        | Antrim Gray          | On-board graphics card model *                  | AMD Radeon 880M    |
| Product type *                     | Laptop               | <b>Audio</b>                                    |                    |
| Product colour *                   | Grey                 | Audio system                                    | Smart Amp          |
| Form factor *                      | Clamshell            | Built-in microphone                             | ✓                  |
| Housing material                   | Aluminium            | <b>Camera</b>                                   |                    |
| Display back cover material        | Ceraluminum          | Front camera                                    | ✓                  |
| Market positioning                 | Home                 | Front camera resolution                         | 1920 x 1080 pixels |
| Introduction year                  | 2026                 | Front camera HD type                            | Full HD            |
| <b>Display</b>                     |                      | Infrared (IR) camera                            | ✓                  |
| Display diagonal *                 | 40.6 cm (16")        | <b>Network</b>                                  |                    |
| Display resolution *               | 2880 x 1800 pixels   | Top Wi-Fi standard *                            | Wi-Fi 7 (802.11be) |
| Touchscreen *                      | ✗                    | Wi-Fi standards                                 | Wi-Fi 7 (802.11be) |
| HD type                            | 3K                   | Mobile network connection *                     | ✗                  |
| Panel type                         | OLED                 | Antenna type                                    | 2x2                |
| Display number of colours          | 1.07 billion colours | Ethernet LAN                                    | ✗                  |
| Native aspect ratio                | 16:10                | Bluetooth                                       | ✓                  |
| Display surface                    | Gloss                | Bluetooth version                               | 5.4                |
| Display brightness                 | 500 cd/m²            | <b>Ports &amp; interfaces</b>                   |                    |
| 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               | USB Type-C DisplayPort Alternate Mode           | ✓                  |
| Contrast ratio (typical)           | 1000000:1            |                                                 |                    |
| High Dynamic Range (HDR) supported | ✓                    |                                                 |                    |

| Display                             |                            | Keyboard                      |                                                                                                                                                                          |
|-------------------------------------|----------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| High Dynamic Range (HDR) technology | DisplayHDR True Black 1000 | Pointing device               | Touchpad                                                                                                                                                                 |
| Processor                           |                            | Numeric keypad *              | ✗                                                                                                                                                                        |
| Processor manufacturer *            | AMD                        | Keyboard backlit              | ✓                                                                                                                                                                        |
| Processor family *                  | AMD Ryzen AI 9             | Keyboard layout               | QWERTY                                                                                                                                                                   |
| Processor generation                | AMD Ryzen AI 400 Series    | Keyboard language             | Dutch                                                                                                                                                                    |
| Processor model *                   | 465                        | Copilot key                   | ✓                                                                                                                                                                        |
| Processor cores                     | 10                         | Software                      |                                                                                                                                                                          |
| Processor threads                   | 20                         | Operating system architecture | 64-bit                                                                                                                                                                   |
| Processor boost frequency           | 5 GHz                      | Microsoft Copilot             | ✓                                                                                                                                                                        |
| Processor frequency *               | 2 GHz                      | Trial software                | 1-month trial for new Microsoft 365 customers                                                                                                                            |
| Processor cache type                | L2 & L3                    | Operating system installed *  | Windows 11 Home                                                                                                                                                          |
| L3 cache                            | 24 MB                      | Bundled software              | 3-Month GoPro Premium+ Subscription 1-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2026. |
| L2 cache                            | 10 MB                      |                               |                                                                                                                                                                          |
| Neural processor unit (NPU)         |                            | Battery                       |                                                                                                                                                                          |
| Copilot+ PC                         | ✓                          | Battery technology            | Lithium-Ion (Li-Ion)                                                                                                                                                     |
| Neural processor unit (NPU)         | AMD Ryzen AI               | Number of battery cells       | 4                                                                                                                                                                        |
| Total processor performance up to   | 73 TOPs                    | Battery capacity *            | 83 Wh                                                                                                                                                                    |
| NPU performance up to               | 50 TOPs                    | Removable battery             | ✗                                                                                                                                                                        |
| Memory                              |                            | Power                         |                                                                                                                                                                          |
| Internal memory *                   | 32 GB                      | AC adapter power              | 68 W                                                                                                                                                                     |
| Internal memory type                | LPDDR5x-SDRAM              | AC adapter frequency          | 50 - 60 Hz                                                                                                                                                               |
| Memory form factor                  | On-board                   | AC adapter input voltage      | 100 - 240 V                                                                                                                                                              |
| Maximum internal memory *           | 32 GB                      | AC adapter output current     | 3.4 A                                                                                                                                                                    |
| Storage                             |                            | AC adapter output voltage     | 20 V                                                                                                                                                                     |
| Total storage capacity *            | 1 TB                       | USB Type-C charging port *    | ✓                                                                                                                                                                        |
| Storage media *                     | SSD                        | USB Power Delivery (USB PD)   | ✓                                                                                                                                                                        |
| Total SSDs capacity                 | 1 TB                       | Security                      |                                                                                                                                                                          |
| Number of SSDs installed            | 1                          | Face recognition              | ✓                                                                                                                                                                        |
| SSD capacity                        | 1 TB                       | Windows Hello                 | ✓                                                                                                                                                                        |
| SSD interface                       | PCI Express 4.0            | Trusted Platform Module (TPM) | ✓                                                                                                                                                                        |
| NVMe                                | ✓                          | Password protection           | ✓                                                                                                                                                                        |
| SSD form factor                     | M.2                        | Certificates                  |                                                                                                                                                                          |
| M.2 SSD size                        | 2280 (22 x 80 mm)          | Compliance certificates       | REACH                                                                                                                                                                    |
| Optical drive type *                | ✗                          | Sustainability                |                                                                                                                                                                          |
| Card reader integrated              | ✓                          | Sustainability certificates   | ENERGY STAR                                                                                                                                                              |
| Compatible memory cards             | SD                         | Weight & dimensions           |                                                                                                                                                                          |
| Graphics                            |                            | Width                         | 353.6 mm                                                                                                                                                                 |
| Discrete graphics card model *      | Not available              | Depth                         | 243 mm                                                                                                                                                                   |
| On-board graphics card *            | ✓                          | Height (front)                | 1.19 cm                                                                                                                                                                  |
| On-board GPU manufacturer           | AMD                        | Height (rear)                 | 1.29 cm                                                                                                                                                                  |
| Discrete graphics card *            | ✗                          | Weight *                      | 1.5 kg                                                                                                                                                                   |
| On-board graphics card family       | AMD Radeon                 | Packaging content             |                                                                                                                                                                          |
|                                     |                            | AC adapter included *         | ✓                                                                                                                                                                        |



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### Catalog Object Cloud



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