

**Zenbook S 13 OLED (UM5302)**

Overview : [AMD Ryzen 7000 Series Overview](#) [ASUS Lumina OLED](#) **Tech Specs** [Review](#) [Support](#)



| Model                            | UM5302TA  | UM5302LA   |
|----------------------------------|---|--|
| <b>Color</b>                     | Ponder Blue<br>Aqua Celadon<br>Refined White<br>Vestige Beige   | Aqua Celadon<br>Vestige Beige<br>Ponder Blue<br>Refined White  |
| <b>Operating System</b>          | Windows 11 Home - ASUS recommends Windows 11 Pro for business<br>Windows 11 Pro - ASUS recommends Windows 11 Pro for business<br>No preinstalled OS   | Windows 11 Home - ASUS recommends Windows 11 Pro for business<br>No preinstalled OS<br>Windows 11 Pro - ASUS recommends Windows 11 Pro for business  |
| <b>Processor</b>                 | AMD Ryzen™ 7 6800U Mobile Processor (8-core/16-thread, 16MB cache, up to 4.7 GHz max boost)<br>AMD Ryzen™ 5 6600U Mobile Processor (6-core/12-thread, 16MB cache, up to 4.5 GHz max boost)  | AMD Ryzen™ 7 7840U Mobile Processor 3.0GHz (8-core/16-thread, 16MB cache, up to 5.1GHz max boost)  |
| <b>Graphics</b>                  | AMD Radeon™ Graphics  | AMD Radeon™ Graphics   |
| <b>Display</b>                   | 13.3-inch, 2.8K (2880 x 1800) OLED 16:10 aspect ratio, 0.2ms response time, 60Hz refresh rate, 550nits HDR peak brightness, 100% DCI-P3 color gamut, 1,000,000:1, VESA CERTIFIED Display HDR True Black 500, 1.07 billion colors, PANTONE Validated, Glossy display, 70% less harmful blue light, TÜV Rheinland-certified, SGS Eye Care Display, Touch screen, (Screen-to-body ratio)89%, With stylus support<br>13.3-inch, 2.8K (2880 x 1800) OLED 16:10 aspect ratio, 0.2ms response time, 60Hz refresh rate, 600nits HDR peak brightness, 100% DCI-P3 color gamut, 1,000,000:1, VESA CERTIFIED Display HDR True Black 600, 1.07 billion colors, PANTONE Validated, Glossy display, 70% less harmful blue light, TÜV Rheinland-certified, SGS Eye Care Display, Non-touch screen, (Screen-to-body ratio)89% | 13.3-inch, 2.8K (2880 x 1800) OLED 16:10 aspect ratio, 0.2ms response time, 60Hz refresh rate, 600nits HDR peak brightness, 100% DCI-P3 color gamut, 1,000,000:1, VESA CERTIFIED Display HDR True Black 600, 1.07 billion colors, PANTONE Validated, Glossy display, 70% less harmful blue light, Non-touch screen, (Screen-to-body ratio)89%, With stylus support<br>13.3-inch, 2.8K (2880 x 1800) OLED 16:10 aspect ratio, 0.2ms response time, 60Hz refresh rate, 550nits HDR peak brightness, 100% DCI-P3 color gamut, 1,000,000:1, VESA CERTIFIED Display HDR True Black 500, 1.07 billion colors, PANTONE Validated, Glossy display, 70% less harmful blue light, Touch screen, (Screen-to-body ratio)89%, With stylus support |
| <b>Memory</b>                    | 16GB LPDDR5 on board<br>Total system memory upgradeable to:16GB<br>*Supports dual-channel memory.<br>8GB LPDDR5 on board<br>Total system memory upgradeable to:8GB<br>*Supports dual-channel memory.  | 16GB LPDDR5 on board<br>Total system memory upgradeable to:16GB<br>*Supports dual-channel memory.  |
| <b>Storage</b>                   | 512GB M.2 NVMe™ PCIe® 4.0 Performance SSD<br>1TB M.2 NVMe™ PCIe® 4.0 Performance SSD<br>1TB M.2 NVMe™ PCIe® 4.0 SSD<br>512GB M.2 NVMe™ PCIe® 4.0 SSD  | 1TB M.2 NVMe™ PCIe® 4.0 Performance SSD<br>1TB M.2 NVMe™ PCIe® 4.0 SSD<br>512GB M.2 NVMe™ PCIe® 4.0 Performance SSD<br>512GB M.2 NVMe™ PCIe® 4.0 SSD   |
| <b>I/O Ports</b>                 | 3x USB 3.2 Gen 2 Type-C support display / power delivery<br>1x 3.5mm Combo Audio Jack   | 1x USB 3.2 Gen 2 Type-C support display / power delivery<br>2x USB 4.0 Gen 3 Type-C support display / power delivery<br>1x 3.5mm Combo Audio Jack  |
| <b>Keyboard &amp; Touchpad</b>   | Backlit Chiclet Keyboard, 1.4mm Key-travel, Support NumberPad<br>Backlit Chiclet Keyboard, 1.4mm Key-travel, Touchpad   | Backlit Chiclet Keyboard, 1.4mm Key-travel, Touchpad, Support NumberPad<br>Backlit Chiclet Keyboard, 1.4mm Key-travel, Touchpad  |
| <b>Camera</b>                    | 720p HD camera<br>1080p FHD camera  | 1080p FHD camera   |
| <b>Audio</b>                     | Smart Amp Technology<br>Built-in speaker<br>Built-in array microphone<br>harman/kardon (Premium)<br>with Cortana voice-recognition support  | Smart Amp Technology<br>Built-in speaker<br>Built-in microphone<br>harman/kardon (Premium)<br>with Cortana support   |
| <b>Network and Communication</b> | Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card   | Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card  |
| <b>Battery</b>                   | 67WHrs, 4S1P, 4-cell Li-ion   | 67WHrs, 4S1P, 4-cell Li-ion  |
| <b>Power Supply</b>              | TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100-240V AC 50/60GHz universal   | TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100-240V AC 50/60GHz universal  |





UM5302TA



UM5302LA

|                                    |   |  |
|------------------------------------|---|--|
| <b>Dimensions (W x D x H)</b>      | 29.67 x 21.05 x 1.49 ~ 1.49 cm (11.68" x 8.29" x 0.59" ~ 0.59")   | 29.67 x 21.05 x 1.49 ~ 1.49 cm (11.68" x 8.29" x 0.59" ~ 0.59")  |
| <b>Built-in Apps</b>               | MyASUS<br>ScreenXpert<br>GlideX   | MyASUS<br>ScreenXpert<br>GlideX  |
| <b>MyASUS Features</b>             | System diagnosis<br>Battery health charging<br>Fan Profile<br>Splendid<br>Function key lock<br>WiFi SmartConnect<br>Link to MyASUS<br>TaskFirst<br>Live update<br>ASUS OLED Care<br>AI Noise Canceling  | System diagnosis<br>Battery health charging<br>Fan Profile<br>Splendid<br>Function key lock<br>WiFi SmartConnect<br>Link to MyASUS<br>TaskFirst<br>Live update<br>ASUS OLED Care<br>AI Noise Canceling     |
| <b>ASUS Exclusive technology</b>   | ASUS Antimicrobial Guard  | ASUS Antimicrobial Guard   |
| <b>Microsoft Office</b>            | 1-month trial for new Microsoft 365 customers. Credit card required.<br>Office Home and Student 2021 included<br>Microsoft Office Home & Business 2021<br>WPS Office Standard Edition (With license for 3 products)<br>Microsoft 365 Personal 1-year included.*<br>*Activation required with 6-months of Windows activation date. | 1-month trial for new Microsoft 365 customers. Credit card required.<br>Microsoft Office Home & Business 2021<br>Microsoft Office Home & Student 2021  |
| <b>Military Grade</b>              | US MIL-STD 810H military-grade standard   | US MIL-STD 810H military-grade standard  |
| <b>Ecolabels &amp; Compliances</b> | EPEAT Silver<br>Energy star 8.0<br>RoHS<br>REACH  | EPEAT Silver (AMD Ryzen 7000 Series model)<br>Energy star 8.0<br>RoHS<br>REACH   |
| <b>Security</b>                    | Trusted Platform Module (TPM)<br>Trusted Platform Module (Firmware TPM)<br>McAfee® LiveSafe™<br>Fingerprint sensor integrated with Power Key  | Trusted Platform Module (Firmware TPM)<br>Microsoft Pluton security processor<br>McAfee® LiveSafe™<br>Fingerprint sensor integrated with Power Key   |
| <b>Included in the Box</b>         | Sleeve<br>USB-C to USB-A adapter<br>Stylus (ASUS Pen 2.0 SA203H-MPP2.0 support)<br>* Included accessories vary according to country and territory. Please check with your local ASUS retailer for details.  | Sleeve<br>USB-C to USB-A adapter<br>Stylus (ASUS Pen 2.0 SA203H-MPP2.0 support)<br>* Included accessories vary according to country and territory. Please check with your local ASUS retailer for details. |
| <b>Disclaimer</b>                  | This product has only been tested for compatibility with the Windows 11 operating system, and may encounter compatibility issues if Windows 10 or older OS versions are installed.  | This product has only been tested for compatibility with the Windows 11 operating system, and may encounter compatibility issues if Windows 10 or older OS versions are installed.                         |
| <b>OLED</b>                        | OLED  | OLED   |



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\*The Windows 11 upgrade will be delivered to qualifying devices late 2021 into 2022. Timing will vary by device. Certain features require specific hardware (see aka.ms/windows11-spec).<sup>†</sup>The Windows 11 upgrade will be delivered to qualifying devices late 2021 into 2022. Timing will vary by device. Certain features require specific hardware (see aka.ms/windows11-spec).\*

IPS stands for in-plane switching, a type of LED (a form of LCD) display panel technology.

Unless otherwise stated, all performance claims are based on theoretical performance. Actual figures may vary in real-world situations.

The actual transfer speed of USB 3.0, 3.1, 3.2, and/or Type-C will vary depending on many factors including the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment.

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- WiFi 6E availability may vary by country and their specific regulations. Feature only supported by Windows 11 or later.

\* Result from Mobile Mark 2014 office productivity.

**ASUS** Laptops For Home Zenbook Zenbook S 13 OLED (UM5302, AMD Ryzen 6000 series)

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