/ISUS   Mobile / Handhelds   Laptops   Displays / Desktops   Motherboards / Components   Networking / IoT / Servers   Accessories   Support   🔍   👤

ASUS Vivobook S16 (S5606)

Overview :
Intel Core Ultra Series 2 ⌄   Laptop-OLED   **Tech Specs**   Review   Support

Model	S5606MA	S5606CA
Color	Mist Blue Neutral Black	Mist Blue Neutral Black
Operating System	Windows 11 Home - ASUS recommends Windows 11 Pro for business No preinstalled OS Windows 11 Pro - ASUS recommends Windows 11 Pro for business	Windows 11 Home - ASUS recommends Windows 11 Pro for business
Processor	Intel® Core™ Ultra 9 Processor 185H 2.3 GHz (24MB Cache, up to 5.1 GHz, 16 cores, 22 Threads); Intel® AI Boost NPU Intel® Core™ Ultra 5 Processor 125H 1.2 GHz (18MB Cache, up to 4.5 GHz, 14 cores, 18 Threads); Intel® AI Boost NPU Intel® Core™ Ultra 7 Processor 155H 1.4 GHz (24MB Cache, up to 4.8 GHz, 16 cores, 22 Threads); Intel® AI Boost NPU	Intel® Core™ Ultra 7 Processor 255H 2.0 GHz (24MB Cache, up to 5.1 GHz, 16 cores, 16 Threads); Intel® AI Boost NPU up to 13 TOPS Intel® Core™ Ultra 5 Processor 225H 1.7 GHz (18MB Cache, up to 4.9 GHz, 14 cores, 16 Threads); Intel® AI Boost NPU up to 13 TOPS
Graphics	Intel® Arc™ Graphics	Intel® Arc™ Graphics
Neural Processor	Intel® AI Boost NPU	Intel® AI Boost NPU
Display	16.0-inch, 3.2K (3200 x 2000) OLED 16:10 aspect ratio, 120Hz refresh rate, 400nits, 600nits HDR peak brightness, 100% DCI-P3 color gamut, 1,000,000:1, VESA CERTIFIED Display HDR True Black 600, 1.07 billion colors, Glossy display, 70% less harmful blue light, TÜV Rheinland-certified, Non-touch screen, (Screen-to-body ratio)89%	16.0-inch, 3K (2880 x 1800) OLED 16:10 aspect ratio, 120Hz refresh rate, 400nits, 600nits HDR peak brightness, 100% DCI-P3 color gamut, 1,000,000:1, VESA CERTIFIED Display HDR True Black 600, 1.07 billion colors, Glossy display, 70% less harmful blue light, TÜV Rheinland-certified, Non-touch screen, (Screen-to-body ratio)89%

	32GB LPDDR5X on board Max Total system memory up to:32GB	16GB LPDDR5X on board Max Total system memory up to:16GB
Storage	1TB M.2 NVMe™ PCIe® 4.0 SSD 512GB M.2 NVMe™ PCIe® 4.0 SSD	1TB M.2 NVMe™ PCIe® 4.0 SSD 512GB M.2 NVMe™ PCIe® 4.0 SSD
Expansion Slots (includes used)	1x M.2 2280 PCIe 4.0x4	1x M.2 2280 PCIe 4.0x4
I/O Ports	2x USB 3.2 Gen 1 Type-A (data speed up to 5Gbps) 2x Thunderbolt™ 4 with support for display / power delivery (data speed up to 40Gbps) 1x HDMI 2.1 TMDS 1x 3.5mm Combo Audio Jack Micro SD card reader	2x USB 3.2 Gen 1 Type-A (data speed up to 5Gbps) 2x Thunderbolt™ 4 with support for display / power delivery (data speed up to 40Gbps) 1x HDMI 2.1 TMDS 1x 3.5mm Combo Audio Jack Micro SD card reader
Keyboard & Touchpad	Backlit Chiclet Keyboard 1-Zone RGB with Num-key, 1.7mm Key-travel, Precision touchpad, With Copilot key *Copilot in Windows (in preview) is rolling out gradually within the latest update to Windows 11 in select global markets. Timing of availability varies by device and market. Learn more: https://www.microsoft.com/en-us/windows/copilot-ai-features?r=1#faq	Backlit Chiclet Keyboard 1-Zone RGB with Num-key 1.7mm Key-travel Precision touchpad
Camera	FHD camera with IR function to support Windows Hello With privacy shutter	FHD camera with IR function to support Windows Hello With privacy shutter
Audio	Smart Amp Technology Built-in speaker Built-in microphone Built-in array microphone harman/kardon (Mainstream)	Smart Amp Technology Built-in speaker Built-in microphone Built-in array microphone harman/kardon (Mainstream)
Network and Communication	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)	Wi-Fi 7(802.11be) (Tri-band)2*2 + Bluetooth® 5.4 Wireless Card (*Bluetooth® version may change with OS version different.)
Battery	75WHrs, 4S1P, 4-cell Li-ion	75WHrs, 4S1P, 4-cell Li-ion
Power Supply	TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC 50/60Hz universal	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100-240V AC 50/60GHz universal

Dimensions (W x D x H)	35.36 x 24.69 x 1.39 ~ 1.59 cm (13.92" x 9.72" x 0.55" ~ 0.63")	35.36 x 24.69 x 1.39 ~ 1.59 cm (13.92" x 9.72" x 0.55" ~ 0.63")
Built-in Apps	MyASUS ScreenXpert GlideX	CapCut MyASUS ScreenXpert GlideX
MyASUS Features	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect Link to MyASUS TaskFirst Live update ASUS OLED Care QC fastcharge AI Noise Canceling	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect Link to MyASUS TaskFirst Live update ASUS OLED Care QC fastcharge AI Noise Canceling
Microsoft Office	1-month trial for new Microsoft 365 customers. Credit card required. Microsoft Office Home & Student 2021 + Microsoft 365 Basic Microsoft Office Home & Student 2021 Microsoft 365 Personal 1-year included Microsoft Office Home 2024 + Microsoft 365 Basic	1-month trial for new Microsoft 365 customers. Credit card required. Microsoft 365 Personal 1-year included Microsoft Office Home 2024 + Microsoft 365 Basic
Military Grade	US MIL-STD 810H military-grade standard	US MIL-STD 810H military-grade standard
Ecolabels & Compliances	Energy star 8.0 RoHS REACH	Energy star 8.0 RoHS REACH
Security	Trusted Platform Module (Firmware TPM) BIOS setup user password McAfee® IR webcam with Windows Hello support	BIOS setup user password Trusted Platform Module (Firmware TPM) McAfee® IR webcam with Windows Hello support
Included in the Box	* Included accessories vary according to country and territory. Please check with your local ASUS retailer for	* Included accessories vary according to country and territory. Please check with your local ASUS retailer for

Disclaimer

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.

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¹The 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). ¹The 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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- For pricing information, ASUS is only entitled to set a recommendation resale price. All resellers are free to set their own price as they wish.
- WiFi 6E availability may vary by country and their specific regulations. Feature only supported by Windows 11 or later.
- The drivers on this PC are only compatible with Windows 11 version 24H2 or later. To ensure optimal functionality and avoid any potential issues, please do not manually install an older version of the operating system.
- Due to surface-mounted components near the motherboard's M.2 slot, only single-sided SSDs are supported.

  * Result from Mobile Mark 2014 office productivity.

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