

ASUS Vivobook S 15 OLED (M5506)

[Overview](#) | [Laptop-OLED](#) | [Tech Specs](#)


Model	M5506UA
Color	Cool Silver Neutral Black
Operating System	Windows 11 Pro - ASUS recommends Windows 11 Pro for business
Processor	AMD Ryzen™ 9 8945HS Processor 4GHz (24MB Cache, up to 5.2 GHz, 8 cores, 16 Threads); AMD Ryzen™ AI up to 39 TOPs
Graphics	AMD Radeon™ Graphics
Neural Processor	XDNA 16TOPs
Display	15.6-inch, 3K (2880 x 1620) 16:9 aspect ratio, 0.2ms response time, 120Hz refresh rate, 400nits, 550nits HDR peak brightness, 100% DCI-P3 color gamut, 1,000,000:1, VESA CERTIFIED Display HDR True Black 500, TÜV Rheinland-certified, Non-touch screen, (Screen-to-body ratio)80%
Memory	32GB LPDDR5X on board Max Total system memory up to:32GB
Storage	1TB M.2 NVMe™ PCIe® 4.0 SSD
I/O Ports	2x USB 3.2 Gen 1 Type-A 2x USB 3.2 Gen 1 Type-C support display / power delivery 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, 1.5mm Key-travel, Touchpad Backlit Chiclet Keyboard 1-Zone RGB with Num-key, 1.5mm Key-travel, Precision touchpad
Camera	FHD camera with IR function to support Windows Hello With privacy shutter
Audio	Smart Amp Technology Built-in speaker 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.)
Battery	75WHrs, 451P, 4-cell Li-ion
Power Supply	TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC 50/60Hz universal
Weight	1.50 kg (3.31 lbs)
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")
Built-in Apps	MyASUS ScreenXpert GlideX
MyASUS Features	System diagnosis Battery health charging Fan Profile Splendid Function key lock WiFi SmartConnect Link to MyASUS TaskFirst Live update



Military Grade US MIL-STD 810H military-grade standard

Ecolabels & Compliances Energy star 8.0
RoHS
REACH

Security BIOS Booting User Password Protection
Trusted Platform Module (Firmware TPM)
BIOS setup user password
Microsoft Pluton security processor
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 details.

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.

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). †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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- Price may not include extra fee, including tax · shipping · handling · recycling fee.
- 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.

* Result from Mobile Mark 2014 office productivity.

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