

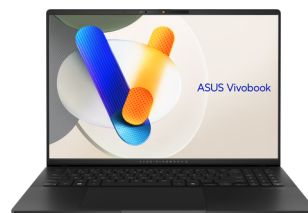
ASUS Vivobook S16 OLED S5606MA-DS96 laptop Intel Core Ultra 9 185H 40.6 cm (16") 3.2K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: Vivobook

Product code: S5606MA-DS96

Product name : S5606MA-DS96



Intel Core Ultra 9 185H (24MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") 3.2K 3200 x 2000 OLED, Intel Arc Graphics, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook S16 OLED S5606MA-DS96 laptop Intel Core Ultra 9 185H 40.6 cm (16") 3.2K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black:

Simply slim, simply stunning.

ASUS Vivobook S 16 OLED redefines your laptop experience by integrating cutting-edge technology with a minimalist design. In a svelte 1.39 cm and 1.5 kg construction, it showcases the power of the Intel® Core™ Ultra processor with Intel® AI Boost NPU, allowing up to 50 W TDP, combining a dedicated copilot key for exceptional performance and optimized workflow, a substantial 16+ hours battery life, and a captivating 3.2K ASUS Lumina OLED screen. It also features an ergonomic keyboard with vibrant RGB backlighting, a generously sized touchpad to expand your workspace, and an ASUS AiSense camera for better online conferencing experience. This laptop is the perfect companion for modern life.



Design		Graphics	
Colour name	Neutral Black	Discrete graphics card model *	Not available
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Black	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✗
Housing material	Aluminium	On-board graphics card family	Intel Arc Graphics
Market positioning	Home	On-board graphics card model *	Intel Arc Graphics
Introduction year	2024	Audio	
Display		Audio system	Smart Amp
Display diagonal *	40.6 cm (16")	Speakers manufacturer	Harman Kardon
Display resolution *	3200 x 2000 pixels	Built-in microphone	✓
Touchscreen *	✗	Camera	
HD type	3.2K	Front camera	✓
Panel type	OLED	Front camera resolution	1920 x 1080 pixels
Display number of colours	1.073 billion colours	Front camera HD type	Full HD
Native aspect ratio	16:10	Infrared (IR) camera	✓
Display surface	Gloss	Privacy camera	✓
Display brightness	400 cd/m²	Privacy type	Privacy shutter
Maximum display brightness (HDR)	600 cd/m²	Network	
RGB colour space	DCI-P3	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Maximum refresh rate	120 Hz	Mobile network connection *	✗
Contrast ratio (typical)	1000000:1	Antenna type	2x2
High Dynamic Range (HDR) supported	✓	Ethernet LAN	✗
High Dynamic Range (HDR) technology	HDR True Black 600	Bluetooth	✓
Processor		Bluetooth version	5.3
Processor manufacturer *	Intel		

Processor		Ports & interfaces	
Processor family *	Intel Core Ultra 9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor generation	Intel® Core™ Ultra (Series 1)	HDMI ports quantity *	1
Processor model *	185H	HDMI version	2.1
Processor cores	16	Thunderbolt 4 ports quantity	2
Processor threads	22	Intel® Thunderbolt 4	✓
Processor boost frequency	5.1 GHz	Combo headphone/mic port	✓
Performance cores	6	USB Type-C DisplayPort Alternate Mode	✓
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	5.1 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		
Low Power Efficient-core Max Turbo Frequency	2.5 GHz		
Performance-core base frequency	2.3 GHz		
Efficient-core base frequency	1.8 GHz		
Low Power Efficient-core Base Frequency	1000 MHz		
Processor cache	24 MB		
Processor cache type	Smart Cache		
Processor base power	45 W		
Maximum turbo power	115 W		
Neural processor unit (NPU)		Performance	
Neural processor unit (NPU)	Intel AI Boost	Repairability index	8.1
Maximum frequency NPU	1.4 GHz		
Sparsity support	✓		
Windows Studio effects support	✓		
AI datatype support on NPU	FP16, FP32, Int8		
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML		
Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	LPDDR5x-SDRAM	Numeric keypad *	✓
Memory form factor	On-board	Keyboard backlit	✓
Maximum internal memory *	16 GB	Keyboard backlit colour	RGB
		Keyboard backlit zone	1-zone RGB
Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee
Total SSDs capacity	1 TB	Operating system installed *	Windows 11 Home
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Card reader integrated	✓		
Compatible memory cards	MicroSD (TransFlash)		
		Processor special features	
		Intel® Evo™ Platform Verified	✓
		Battery	
		Battery technology	Lithium-Ion (Li-Ion)
		Number of battery cells	4
		Battery capacity *	75 Wh
		Power	
		AC adapter power	90 W
		AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
		AC adapter output current	4.5 A
		AC adapter output voltage	20 V
		USB Type-C charging port *	✓
		USB Power Delivery (USB PD)	✓
		Security	
		Face recognition	✓
		Windows Hello	✓
		Trusted Platform Module (TPM)	✓
		Password protection	✓
		Password protection type	BIOS, User
		Certificates	
		Compliance certificates	REACH
		Sustainability	
		Sustainability compliance	✓
		Sustainability certificates	ENERGY STAR
		Weight & dimensions	
		Width	353.6 mm
		Depth	246.9 mm
		Height (front)	1.39 cm
		Height (rear)	1.59 cm
		Weight *	1.5 kg



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Catalog Object Cloud



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