

ASUS Zenbook S16 UM5606GA-SR334W Copilot+ PC AMD Ryzen AI 9 465 Laptop 40.6 cm (16") Touchscreen 3K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home White

Brand : ASUS

Product family: Zenbook

Product code: 90NB17H4-M00H90

Product name : UM5606GA-SR334W



AMD Ryzen AI 9 465 (2GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") 3K 2880 x 1800 OLED Touch, AMD Radeon 880M, WLAN, Webcam, Windows 11 Home 64-bit

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ASUS Zenbook S 16

New Zen with superior AI

Zenbook S 16 is the first ultrathin 16-inch new-era ASUS AI PC, combining performance with sophistication. It has been completely redesigned from the inside out. The chassis incorporates our exquisite new Ceraluminum™, a high-tech ceramic in a range of nature-inspired colors. It provides the characteristics of hardness while completing the ultra-slim design and withstand the test of time. This new-era ASUS AI PC harnesses the latest AMD Ryzen™ AI processor, enhanced by quiet ambient cooling. It's designed to enrich your on-the-go lifestyle, with an astonishingly thin 1.1 cm1 chassis housing an advanced 16-inch 3K ASUS Lumina OLED2 display and immersive six-speaker audio.

Design		Audio	
Colour name	3W, Scandinavian White	Audio system	Smart Amp
Product type *	Laptop	Built-in microphone	✓
Product colour *	White	Camera	
Form factor *	Clamshell	Front camera	✓
Housing material	Aluminium	Front camera resolution	1920 x 1080 pixels
Market positioning	Home	Front camera HD type	Full HD
Display		Infrared (IR) camera	✓
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	2880 x 1800 pixels	Wi-Fi	✓
Touchscreen *	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	3K	Wi-Fi standards	Wi-Fi 7 (802.11be)
Panel type	OLED	Mobile network connection *	✗
Display number of colours	1.07 billion colours	Antenna type	2x2
Native aspect ratio	16:10	Bluetooth	✓
Display surface	Gloss	Bluetooth version	5.4
Display brightness	500 cd/m²	Ports & interfaces	
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	I/O ports	1x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps)
Contrast ratio (typical)	1000000:1		2x USB 4.0 Gen 3 Type-C with support for display / power delivery (data speed up to 40Gbps), 1x HDMI 2.1 TMDS
High Dynamic Range (HDR) supported	✓		1x 3.5mm Combo Audio Jack, SD 4.0 card reader
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	USB Type-C DisplayPort Alternate Mode	✓
Processor			
Processor manufacturer *	AMD		
Processor family *	AMD Ryzen AI 9		
Processor generation	AMD Ryzen AI 400 Series		
Processor model *	465		

Processor		Keyboard	
Processor cores	10	Pointing device	Touchpad
Processor threads	20	Numeric keypad *	✗
Processor boost frequency	5 GHz	Keyboard backlit	✓
Processor frequency *	2 GHz	Copilot key	✓
Processor cache type	L2 & L3	Software	
L3 cache	24 MB	Operating system architecture	64-bit
L2 cache	10 MB	Microsoft Copilot	✓
Neural processor unit (NPU)		Pre-installed software	StoryCube
Copilot+ PC	✓		ASUS Recovery
Neural processor unit (NPU)	AMD Ryzen AI	Trial software	MyASUS
Total processor performance up to	73 TOPs		ScreenXpert
NPU performance up to	50 TOPs		GlideX
Memory		Operating system installed *	1-month trial for new Microsoft 365 customers. Credit card required.
Internal memory *	32 GB		Windows 11 Home
Internal memory type	LPDDR5x-SDRAM	Bundled software	Xbox Game Pass Premium_2 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Memory form factor	On-board		
Maximum internal memory *	32 GB	Battery	
Storage		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	1 TB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	83 Wh
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	1 TB	USB Type-C required charging power (min) *	45 W
SSD interface	PCI Express 4.0	USB Type-C required charging power (max) *	65 W
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	Security	
M.2 SSD size	2280 (22 x 80 mm)	Windows Hello	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Certificates	
Compatible memory cards	SD	Compliance certificates	RoHS, REACH
Graphics		Certification	US MIL-STD 810H
Discrete graphics card model *	Not available	Sustainability	
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR
On-board GPU manufacturer	AMD	Weight & dimensions	
Discrete graphics card *	✗	Width	353.6 mm
On-board graphics card family	AMD Radeon	Depth	243 mm
On-board graphics card model *	AMD Radeon Graphics	Height (front)	1.19 cm
On-board graphics card 4K support	✓	Height (rear)	1.29 cm
On-board graphics card 8K support	✓	Weight *	1.5 kg
AMD FreeSync	✓	Packaging content	
		AC adapter included *	✗
		Bag included	✓
		Accessories included	Sleeve, * Included accessories vary according to country and territory. Please check with your local ASUS retailer for details.
		Other features	
		Expansion slots	1x M.2 2280 PCIe 4.0x4



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Catalog Object Cloud



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