

ASUS Zenbook S16 UM5606GA-SS335W Copilot+ PC AMD Ryzen AI 9 465 Laptop 40.6 cm (16") 3K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home White

Brand : ASUS

Product family: Zenbook

Product code: 90NB17H2-M00HA0

Product name : UM5606GA-SS335W

- Windows 11 Home 64-bit
- AMD Ryzen AI 9 465 (2GHz)
- 40.6 cm (16") 3K 2880 x 1800 OLED
- 32GB LPDDR5x-SDRAM & 1000GB SSD

AMD Ryzen AI 9 465 (2GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") 3K 2880 x 1800 OLED, 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		Camera		
Colour name	2W, Scandinavian White	Front camera HD type	Full HD	
Product type *	Laptop	Infrared (IR) camera	✓	
Product colour *	White	Network		
Form factor *	Clamshell	Wi-Fi	✓	
Housing material	Aluminium	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	
Market positioning	Home	Wi-Fi standards	Wi-Fi 7 (802.11be)	
Introduction year	2026	Mobile network connection *	✗	
Display		Antenna type	2x2	
Display diagonal *	40.6 cm (16")	Ethernet LAN	✗	
Display resolution *	2880 x 1800 pixels	Bluetooth	✓	
Touchscreen *	✗	Bluetooth version	5.4	
HD type	3K	Ports & interfaces		
Panel type	OLED	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1	
Display number of colours	1.07 billion colours	USB4 Gen 3x2 ports quantity	2	
Native aspect ratio	16:10	HDMI ports quantity *	1	
Display surface	Gloss	HDMI version	2.1	
Display brightness	500 cd/m²	Combo headphone/mic port	✓	
Maximum display brightness (HDR)	1000 cd/m²	I/O ports	1x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps)	
RGB colour space	DCI-P3		2x USB 4.0 Gen 3 Type-C with support for display / power delivery (data speed up to 40Gbps), 1x HDMI 2.1 TMDS	
Colour gamut	100%		1x 3.5mm Combo Audio Jack, SD 4.0 card reader	
Low Blue Light technology	✓	USB Type-C DisplayPort Alternate Mode	✓	
Display response rise/fall	0.2 ms			
Maximum refresh rate	120 Hz			
Contrast ratio (typical)	1000000:1			
High Dynamic Range (HDR) supported	✓			
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000			

Processor		Keyboard	
Processor manufacturer *	AMD	Pointing device	Touchpad
Processor family *	AMD Ryzen AI 9	Numeric keypad *	✗
Processor generation	AMD Ryzen AI 400 Series	Keyboard backlit	✓
Processor model *	465	Copilot key	✓
Processor cores	10	Software	
Processor threads	20	Operating system architecture	64-bit
Processor boost frequency	5 GHz	Microsoft Copilot	✓
Processor frequency *	2 GHz	Pre-installed software	StoryCube
Processor cache type	L2 & L3		ASUS Recovery
L3 cache	24 MB		MyASUS
L2 cache	10 MB		ScreenXpert
Neural processor unit (NPU)		Trial software	GlideX
Copilot+ PC	✓		1-month trial for new Microsoft 365 customers. Credit card required.
Neural processor unit (NPU)	AMD Ryzen AI		Windows 11 Home
Total processor performance up to	73 TOPs		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.)
NPU performance up to	50 TOPs	Operating system installed *	
Memory		Bundled software	
Internal memory *	32 GB		
Internal memory type	LPDDR5x-SDRAM		
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	AC adapter power	68 W
SSD capacity	1 TB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	AC adapter output current	3.4 A
SSD form factor	M.2	AC adapter output voltage	20 V
M.2 SSD size	2280 (22 x 80 mm)	USB Type-C charging port *	✓
Optical drive type *	✗	USB Type-C required charging power (min) *	45 W
Card reader integrated	✓	USB Type-C required charging power (max) *	65 W
Compatible memory cards	SD	USB Power Delivery (USB PD)	✓
Graphics		Security	
Discrete graphics card model *	Not available	Face recognition	✓
On-board graphics card *	✓	Windows Hello	✓
On-board GPU manufacturer	AMD	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✗	Password protection	✓
On-board graphics card family	AMD Radeon	Certificates	
On-board graphics card model *	AMD Radeon Graphics	Compliance certificates	RoHS, REACH
Audio		Certification	US MIL-STD 810H
Audio system	Smart Amp	Sustainability	
Built-in microphone	✓	Sustainability certificates	ENERGY STAR
Camera		Weight & dimensions	
Front camera	✓	Width	353.6 mm
Front camera resolution	1920 x 1080 pixels	Depth	243 mm
		Height (front)	1.19 cm
		Height (rear)	1.29 cm
		Weight *	1.5 kg
		Packaging content	
		AC adapter included *	✗

Packaging content	
Accessories included	* 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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