

ASUS Zenbook S16 UM5606GA-SS266W 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 Grey QWERTZ German

Brand : ASUS

Product family: Zenbook

Product code: 90NB17H5-M00H70

Product name : UM5606GA-SS266W



- Windows 11 Home 64-bit
- AMD Ryzen AI 9 465 (22GHz)
- 40.6 cm (16") 3K 2880 x 1800 OLED

- 32GB LPDDR5x-SDRAM & 1000GB SSD

AMD Ryzen AI 9 465 (22GHz), 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		Graphics	
Colour name	Antrim Gray	On-board graphics card family	AMD Radeon
Product type *	Laptop	On-board graphics card model *	AMD Radeon 880M
Product colour *	Grey	On-board graphics card 4K support	✓
Form factor *	Clamshell	On-board graphics card 8K support	✓
Housing material	Aluminium	AMD FreeSync	✓
Market positioning	Home	Audio	
Display		Audio system	Smart Amp
Display diagonal *	40.6 cm (16")	Built-in microphone	✓
Display resolution *	2880 x 1800 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	3K	Front camera HD type	Full HD
Panel type	OLED	Infrared (IR) camera	✓
Display number of colours	1.07 billion colours	Network	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display surface	Gloss	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display brightness	500 cd/m²	Mobile network connection *	✗
Maximum display brightness (HDR)	1000 cd/m²	Antenna type	2x2
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.4
Low Blue Light technology	✓	Ports & interfaces	
Display response rise/fall	0.2 ms	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Maximum refresh rate	120 Hz	USB4 Gen 3x2 ports quantity	2
Contrast ratio (typical)	1000000:1	HDMI ports quantity *	1
High Dynamic Range (HDR) supported	✓	HDMI version	2.1
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	Combo headphone/mic port	✓

Processor		Ports & interfaces	
Processor manufacturer *	AMD	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	AMD Ryzen AI 9	Keyboard	
Processor generation	AMD Ryzen AI 400 Series	Pointing device	Touchpad
Processor model *	465	Numeric keypad *	✗
Processor cores	10	Keyboard backlit	✓
Processor threads	20	Keyboard layout	QWERTZ
Processor boost frequency	5 GHz	Keyboard language	German
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)		Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Copilot+ PC	✓	Operating system installed *	Windows 11 Home
Neural processor unit (NPU)	AMD Ryzen AI	Battery	
Total processor performance up to NPU performance up to	73 TOPs 50 TOPs	Battery technology	Lithium-Ion (Li-Ion)
Memory		Number of battery cells	4
Internal memory *	32 GB	Battery capacity *	83 Wh
Internal memory type	LPDDR5x-SDRAM	Power	
Memory form factor	On-board	USB Type-C charging port *	✓
Maximum internal memory *	32 GB	USB Type-C required charging power (min) *	45 W
Storage		USB Type-C required charging power (max) *	100 W
Total storage capacity *	1 TB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	1 TB	Windows Hello	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	1 TB	Weight & dimensions	
SSD interface	PCI Express 4.0	Width	353.6 mm
NVMe	✓	Depth	243 mm
SSD form factor	M.2	Height (front)	1.19 cm
M.2 SSD size	2280 (22 x 80 mm)	Height (rear)	1.29 cm
Optical drive type *	✗	Weight *	1.5 kg
Card reader integrated	✓	Packaging data	
Compatible memory cards	SD	Package width	494 mm
Graphics		Package depth	116 mm
Discrete graphics card model *	Not available	Package height	320 mm
On-board graphics card *	✓	Packaging content	
On-board GPU manufacturer	AMD	AC adapter included *	✗
Discrete graphics card *	✗		



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Catalog Object Cloud



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