

ASUS Zenbook S16 UM5606WA-RK217W AMD Ryzen AI 9 365 Laptop 40.6 cm (16") 3K 24 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home White



Brand : ASUS

Product family: Zenbook

Product code: 90NB13M2-M00FV0

Product name : UM5606WA-RK217W

AMD Ryzen AI 9 365 (24MB Cache, 2GHz), 24GB 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	Scandinavian White	On-board graphics card family	AMD Radeon
Product type *	Laptop	On-board graphics card model *	AMD Radeon 880M
Product colour *	White	Audio	
Form factor *	Clamshell	Audio system	Smart Amp
Housing material	Aluminium	Speakers manufacturer	Harman Kardon
Market positioning	Home	Built-in microphone	✓
Display		Camera	
Display diagonal *	40.6 cm (16")	Front camera	✓
Display resolution *	2880 x 1800 pixels	Front camera HD type	Full HD
Touchscreen *	✗	Infrared (IR) camera	✓
HD type	3K	Network	
Panel type	OLED	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display surface	Gloss	Mobile network connection *	✗
Display brightness	400 cd/m²	Antenna type	2x2
Maximum display brightness (HDR)	500 cd/m²	Bluetooth	✓
RGB colour space	DCI-P3	Bluetooth version	5.4
Colour gamut	100%	Ports & interfaces	
Maximum refresh rate	120 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Contrast ratio (typical)	1000000:1	USB4 Gen 3x2 ports quantity	2
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	DisplayHDR True Black 500	HDMI version	2.1
Processor		Combo headphone/mic port	✓
Processor manufacturer *	AMD	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	AMD Ryzen AI 9	Performance	
Processor model *	365	Repairability index	9.3
Processor cores	10	Keyboard	
Processor threads	20	Pointing device	Touchpad
Processor boost frequency	5 GHz		
Processor frequency *	2 GHz		

Processor		Keyboard	
Processor cache	24 MB	Numeric keypad *	✗
Processor cache type	L3	Keyboard backlit	✓
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	AMD Ryzen AI	Operating system architecture	64-bit
Total processor performance up to	73 TOPs	Operating system installed *	Windows 11 Home
NPU performance up to	50 TOPs		
Memory		Battery	
Internal memory *	24 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	LPDDR5x-SDRAM	Number of battery cells	4
Memory form factor	On-board	Battery capacity *	78 Wh
Maximum internal memory *	24 GB		
Storage		Power	
Total storage capacity *	1 TB	AC adapter power	65 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	3.25 A
SSD capacity	1 TB	AC adapter output voltage	20 V
SSD interface	PCI Express 4.0	USB Type-C charging port *	✓
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2		
Optical drive type *	✗	Security	
Graphics		Windows Hello	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	AMD	Width	353.6 mm
Discrete graphics card *	✗	Depth	243 mm
		Height (front)	1.19 cm
		Height (rear)	1.29 cm
		Weight *	1.5 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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