

ASUS Zenbook S16 UM5606WA-RK215W AMD Ryzen AI 9 HX 370 Laptop 40.6 cm (16") 3K 32 GB LPDDR5x-SDRAM 2 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Grey



Brand : ASUS

Product family: Zenbook

Product code: 90NB13M1-M00FT0

Product name : UM5606WA-RK215W

AMD Ryzen AI 9 HX 370 (36MB Cache, 2GHz), 32GB LPDDR5x-SDRAM, 2000GB SSD, 40.6 cm (16") 3K 2880 x 1800 OLED, AMD Radeon 890M, 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	Zumaia Gray	Discrete graphics card *	✗
Product type *	Laptop	On-board graphics card family	AMD Radeon
Product colour *	Grey	On-board graphics card model *	AMD Radeon 890M
Form factor *	Clamshell	Audio	
Housing material	Aluminium	Audio system	Smart Amp
Market positioning	Home	Speakers manufacturer	Harman Kardon
Display		Built-in microphone	✓
Display diagonal *	40.6 cm (16")	Camera	
Display resolution *	2880 x 1800 pixels	Front camera	✓
Touchscreen *	✗	Front camera HD type	Full HD
HD type	3K	Infrared (IR) camera	✓
Panel type	OLED	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	400 cd/m²	Mobile network connection *	✗
Maximum display brightness (HDR)	500 cd/m²	Antenna type	2x2
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.4
Maximum refresh rate	120 Hz	Ports & interfaces	
Contrast ratio (typical)	1000000:1	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
High Dynamic Range (HDR) supported	✓	USB4 Gen 3x2 ports quantity	2
High Dynamic Range (HDR) technology	DisplayHDR True Black 500	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor family *	AMD Ryzen AI 9 HX	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	AMD Ryzen AI 300 Series	Performance	
Processor model *	370	Repairability index	9.3
Processor cores	12		
Processor threads	24		
Processor boost frequency	5.1 GHz		

Processor		Keyboard	
Processor frequency *	2 GHz	Pointing device	Touchpad
Processor cache	36 MB	Numeric keypad *	✗
Processor cache type	L2 & 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	80 TOPs	Operating system installed *	Windows 11 Home
NPU performance up to	50 TOPs		
Memory		Battery	
Internal memory *	32 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
Memory layout (slots x size)	1 x 32 GB		
Maximum internal memory *	32 GB	Power	
Storage		AC adapter power	65 W
Total storage capacity *	2 TB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	2 TB	AC adapter output current	3.25 A
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	2 TB	USB Type-C charging port *	✓
SSD interface	PCI Express 4.0	USB Power Delivery (USB PD)	✓
NVMe	✓	Security	
SSD form factor	M.2	Windows Hello	✓
M.2 SSD size	2280 (22 x 80 mm)	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Weight & dimensions	
Graphics		Width	353.6 mm
Discrete graphics card model *	Not available	Depth	243 mm
On-board graphics card *	✓	Height (front)	1.19 cm
On-board GPU manufacturer	AMD	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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