

ASUS ROG Zephyrus G16 GU606AW-TB010W Intel Core Ultra 9 386H Laptop 40.6 cm (16") WQXGA 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 5080 Wi-Fi 7 (802.11be) Windows 11 Home White AZERTY Belgian



Brand : ASUS

Product family: ROG

Product code: 90NR0PG1-M00610

Product name : GU606AW-TB010W

- Windows 11 Home 64-bit
- Intel Core Ultra 9 386H (18MB Cache)
- 16" WQXGA 2560 x 1600 OLED, NVIDIA GeForce RTX 5080 (16GB GDDR7)
- 32GB (8533MHz) LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 9 386H (18MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 16" WQXGA 2560 x 1600 OLED, Intel Graphics, NVIDIA GeForce RTX 5080 (16GB GDDR7), WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Zephyrus G16 GU606AW-TB010W Intel Core Ultra 9 386H Laptop 40.6 cm (16") WQXGA 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 5080 Wi-Fi 7 (802.11be) Windows 11 Home White AZERTY Belgian:

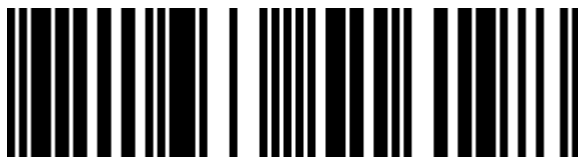
The Dawn of A New Age

The 2026 Zephyrus G16 and Windows 11 Pro make gaming, creation, and everything in between a breeze. Featuring an Intel® Core™ Ultra 9 processor 386H and up to an NVIDIA® GeForce RTX™ 5090 Laptop GPU, this 16-inch machine can easily handle the latest games and cutting-edge creative software alike. The Zephyrus G16 can effortlessly transcribe voice notes into text documents, save valuable time during a video render, and play the latest AAA games at blazingly fast refresh rates. The future is here.

Design		Graphics	
Colour name	Platinum White	Discrete graphics card *	✓
Product type *	Laptop	On-board graphics card family	Intel® Graphics
Product colour *	White	On-board graphics card model *	Intel® Graphics
Form factor *	Clamshell	Total Graphics Power (TGP)	160 W
Housing material	Aluminium	NVIDIA G-SYNC	✓
Display back cover material	Aluminium	Ray tracing acceleration	✓
Market positioning	Gaming	Audio	
Certified refurbished	✗	Audio system	Dolby Atmos
Display		Number of built-in speakers	6
Display diagonal *	40.6 cm (16")	Built-in microphone	✓
Display resolution *	2560 x 1600 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	WQXGA	Front camera resolution	1920 x 1080 pixels
Panel type	OLED	Front camera HD type	Full HD
Native aspect ratio	16:10	Infrared (IR) camera	✓
Anti-reflective coating	✓	Network	
Display brightness	500 cd/m²	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Maximum display brightness (HDR)	1100 cd/m²	Wi-Fi standards	Wi-Fi 7 (802.11be)
RGB colour space	DCI-P3	Mobile network connection *	✗
Colour gamut	100%	Antenna type	2x2
Display response rise/fall	0.2 ms	Ethernet LAN	✗
Maximum refresh rate	240 Hz	Bluetooth	✓
High Dynamic Range (HDR) supported	✓	Bluetooth version	6.0
High Dynamic Range (HDR) technology	DisplayHDR True Black 1000	Ports & interfaces	
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor manufacturer *	Intel		
Processor family *	Intel Core Ultra 9		

Processor		Ports & interfaces	
Processor generation	Intel® Core™ Ultra (Series 3)	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor model *	386H	HDMI ports quantity *	1
Processor cores	16	HDMI version	2.1
Processor threads	16	Thunderbolt 4 ports quantity	1
Processor boost frequency	4.9 GHz	Intel® Thunderbolt 4	✓
Performance cores	4	Combo headphone/mic port	✓
Efficient cores	8	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-cores	4		
Performance-core Max Turbo Frequency	4.9 GHz		
Efficient-core Max Turbo Frequency	3.7 GHz		
Low Power Efficient-core Max Turbo Frequency	3.5 GHz		
Performance-core base frequency	2.1 GHz		
Efficient-core base frequency	1.6 GHz		
Low Power Efficient-core Base Frequency	1600 MHz		
Processor cache	18 MB		
Processor cache type	Smart Cache		
Processor socket	FCBGA2540		
Processor base power	25 W		
Maximum turbo power	80 W		
Neural processor unit (NPU)		Performance	
Copilot+ PC	✗	Repairability index	9.7
Neural processor unit (NPU)	Intel AI Boost		
Sparsity support	✓		
Windows Studio effects support	✓		
AI software frameworks supported by NPU	OpenVINO, Windows ML, ONNX RT, WebNN		
NPU performance up to	50 TOPs		
GPU performance up to	40 TOPs		
Memory		Keyboard	
Internal memory *	32 GB	Pointing device	Touchpad
Internal memory type	LPDDR5x-SDRAM	Numeric keypad *	✗
Memory clock speed	8533 MHz	Keyboard backlight	✓
Memory form factor	On-board	Keyboard backlight colour	RGB
Maximum internal memory *	32 GB	Keyboard backlight zone	1-zone RGB
Memory channels	Dual-channel	Keyboard layout	AZERTY
		Keyboard language	Belgian
		Copilot key	✓
Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Microsoft Copilot	✓
Total SSDs capacity	1 TB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Number of SSDs installed	1	Operating system installed *	Windows 11 Home
SSD capacity	1 TB		3-Month Google AI Pro Subscription
SSD interface	PCI Express 4.0		6-Month Dropbox 500GB Subscription
NVMe	✓		Subscription 1-Year ASUS Secure Auto-Backup 200GB Subscription
SSD form factor	M.2		*Available in eligible markets only. Eligibility varies by region, device, and time. Terms and conditions apply. See promotion pages for details. 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.)
Optical drive type *	✗		
Card reader integrated	✓		
Compatible memory cards	SD		
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card model *	NVIDIA GeForce RTX 5080	Number of battery cells	4
Discrete graphics card memory	16 GB	Battery capacity *	90 Wh
Discrete graphics memory type	GDDR7	Fast charging	✓
On-board graphics card *	✓	Fast charging time (50%)	30 min
On-board GPU manufacturer	Intel		
		Power	
		AC adapter power	250 W
		AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
		AC adapter output current	12.5 A
		AC adapter output voltage	20 V
		DC-in jack	✓
		USB Type-C charging port *	✓
		USB Type-C required charging power (min) *	45 W
		USB Type-C required charging power (max) *	100 W
		USB Power Delivery (USB PD)	✓

Security	
Face recognition	✓
Windows Hello	✓
Password protection	✓
Password protection type	BIOS, User
Weight & dimensions	
Width	354 mm
Depth	246 mm
Height (front)	1.49 cm
Height (rear)	1.79 cm
Weight *	1.95 kg
Packaging content	
AC adapter included *	✓



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Catalog Object Cloud



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