ASUS ROG Zephyrus G16 GA605WV-QR067X AMD Ryzen AI 9 370 Laptop 40,6 cm (16") 2.5K 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 7 (802.11be) Windows 11 Pro White

Brand : ASUS

Product family: ROG

Article code: 90NR0JA2-M002H0

Product name : GA605WV-QR067X

ASUS ROG Zephyrus G16 GA605WV-QR067X. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 9, Processor model: 370, Processor frequency: 2 GHz. Display diagonal: 40,6 cm (16"), HD type: 2.5K, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 890M. Operating system installed: Windows 11 Pro. Product color: White

Design	
Colour name	Platinum White
Product type *	Laptop
Product colour *	White
Form factor *	Clamshell
Housing material	Plastic
Market positioning	Gaming
Introduction year	2024

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✕
HD type	2.5K
Panel type	OLED
Native aspect ratio	16:10
Display surface	Gloss
RGB colour space	DCI-P3
Colour gamut	100%
Display response rise/fall	0.2 ms
Maximum refresh rate	240 Hz
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	Dolby Vision

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen AI 9
Processor generation	AMD Ryzen AI 300
Processor model *	370

Audio	
Audio system	Dolby Audio
Number of built-in speakers	4
Built-in microphone	✔
Number of microphones	3

Camera	
Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Infrared (IR) camera	✔

Network	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Mobile network connection *	✕
Antenna type	2x2
Ethernet LAN	✕
Bluetooth	✔
Bluetooth version	5.4

Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
USB4 Gen 2x2 ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔

Processor

Processor cores	12
Processor threads	24
Processor boost frequency	5.1 GHz
Processor frequency *	2 GHz
Processor cache	24 MB
Processor cache type	L3

Neural processor unit (NPU)

Neural processor unit (NPU)	AMD Ryzen AI
Total processor performance up to	80 TOPs
NPU performance up to	50 TOPs

Memory

Internal memory *	32 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board
Maximum internal memory *	32 GB

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4060
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card model *	AMD Radeon 890M
NVIDIA G-SYNC	✔

Ports & interfaces

USB Type-C DisplayPort Alternate Mode	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✘
Keyboard backlit	✔
Keyboard backlit colour	RGB
Copilot key	✔

Software

Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers, McAfee 30 days free trial
Operating system installed *	Windows 11 Pro
Microsoft Copilot	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	90 Wh
Fast charging	✔
Fast charging time (50%)	30 min

Power

AC adapter power	200 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	10 A
AC adapter output voltage	20 V
USB Power Delivery (USB PD) *	✔

Security

Face recognition	✔
Windows Hello	✔
Trusted Platform Module (TPM)	✔
Password protection	✔
Password protection type	BIOS, User

Weight & dimensions

Width	354 mm
Depth	246 mm
Height (front)	1.49 cm
Height (rear)	1.64 cm
Weight *	1.85 kg

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