

ASUS ROG Zephyrus G16 GA605WI-QP055W AMD Ryzen AI 9 HX 370 Laptop 40.6 cm (16") 2.5K 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 7 (802.11be) Windows 11 Home Grey

Brand : ASUS

Product family: ROG

Product code: 90NR0J93-M004F0

Product name : GA605WI-QP055W



AMD Ryzen AI 9 AI 9 HX 370 (36MB Cache, 2GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") 2.5K 2560 x 1600 IPS, AMD Radeon 890M, NVIDIA GeForce RTX 4070 (8GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

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Performance Meets Precision

Power, precision, and elegance define the 2024 Zephyrus G16(GA605). Thinner and sleeker than ever before, the Zephyrus G16 still has the same sense of style and individuality that has always set it apart from the crowd.

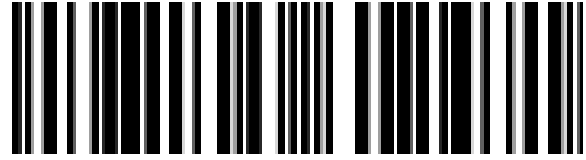
ASUS ROG Zephyrus G16 GA605WI-QP055W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 9 HX, Processor model: 370, Processor frequency: 2 GHz. Display diagonal: 40.6 cm (16"), HD type: 2.5K, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 890M. Operating system installed: Windows 11 Home. Product colour: Grey

Design		Graphics	
Colour name	Eclipse Gray	On-board graphics card model *	AMD Radeon 890M
Product type *	Laptop	NVIDIA G-SYNC	✓
Product colour *	Grey	Audio	
Form factor *	Clamshell	Number of built-in speakers	4
Housing material	Aluminium	Built-in microphone	✓
Market positioning	Gaming	Number of microphones	3
Display		Camera	
Display diagonal *	40.6 cm (16")	Front camera	✓
Display resolution *	2560 x 1600 pixels	Front camera HD type	Full HD
Touchscreen *	✗	Infrared (IR) camera	✓
HD type	2.5K	Network	
Panel type	IPS	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	500 cd/m ²	Antenna type	2x2
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.4
Maximum refresh rate	240 Hz	Ports & interfaces	
Contrast ratio (typical)	1200:1	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
High Dynamic Range (HDR) supported	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
High Dynamic Range (HDR) technology	Dolby Vision	USB4 Gen 2x2 ports quantity	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	AMD	HDMI version	2.1
Processor family *	AMD Ryzen AI 9 HX	Combo headphone/mic port	✓
Processor generation	AMD Ryzen AI 300	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	370	USB Power Delivery	✓
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	Keyboard layout	AZERTY
Processor cache type	L2 & L3	Keyboard language	Belgian
Neural processor unit (NPU)		Numeric keypad *	✓
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard backlit	✓
Total processor performance up to	80 TOPs	Keyboard backlit colour	White
NPU performance up to	50 TOPs	Software	
Memory		Operating system architecture	64-bit
Internal memory *	32 GB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Internal memory type	LPDDR5x-SDRAM	Operating system installed *	Windows 11 Home
Memory form factor	On-board	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)	
Memory layout (slots x size)	2 x 16 GB	Bundled software	
Maximum internal memory *	32 GB		
Memory channels	Dual-channel		
Storage		Battery	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	1 TB	Battery capacity *	90 Wh
Number of SSDs installed	1	Fast charging	✓
SSD capacity	1 TB	Fast charging time (50%)	30 min
SSD interface	PCI Express 4.0	Power	
NVMe	✓	AC adapter power	200 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Card reader integrated	✓	AC adapter output current	10 A
Compatible memory cards	SD	AC adapter output voltage	20 V
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Windows Hello	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	8 GB	Password protection	✓
Discrete graphics memory type	GDDR6	Password protection type	BIOS, User
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	AMD	Width	354 mm
Discrete graphics card *	✓	Depth	246 mm
On-board graphics card family	AMD Radeon	Height (front)	1.62 cm
		Height (rear)	1.72 cm
		Weight *	1.85 kg



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