

# ASUS ROG Zephyrus G14 GA403WW-QS075W AMD Ryzen AI 9 HX 370 Laptop 35.6 cm (14") 3K 32 GB LPDDR5x-SDRAM 2 TB SSD NVIDIA GeForce RTX 5080 Wi-Fi 7 (802.11be) Windows 11 Home Grey

**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NR0MA3-M003W0



**Product name :** GA403WW-QS075W

AMD Ryzen AI 9 HX 370 (24MB Cache, 2GHz), 32GB LPDDR5x-SDRAM, 2000GB SSD, 35.6 cm (14") 3K 2880 x 1800 OLED, AMD Radeon 890M, NVIDIA GeForce RTX 5080 (16GB GDDR7), WLAN, Webcam, Windows 11 Home 64-bit

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## Performance Meets Precision

Game and create on the go with the power of the all-new 2025 Zephyrus G14. Powered by AMD Ryzen™ AI 9 HX 370 processor and an NVIDIA® GeForce RTX™ 5080 Laptop GPU (1334 AI TOPS), this machine has next-level gaming and professional capabilities. Cutting-edge AI features powered by AMD Ryzen™ AI and NVIDIA GeForce RTX™, as well as Microsoft Copilot for enhanced day-to-day productivity. As a certified Copilot+ PC, this machine is ready for all kinds of AI operations, offering better productivity and gaming utility with less power usage.

Design		Audio	
Colour name	Eclipse Grey	Number of built-in speakers	4
Product type *	Laptop	Built-in microphone	✓
Product colour *	Grey	Number of microphones	3
Form factor *	Clamshell	Camera	
Market positioning	Gaming	Front camera	✓
Display		Front camera HD type	Full HD
Display diagonal *	35.6 cm (14")	Infrared (IR) camera	✓
Display resolution *	2880 x 1800 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	3K	Wi-Fi standards	Wi-Fi 7 (802.11be)
Panel type	OLED	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Display surface	Gloss	Ethernet LAN	✗
Display brightness	400 cd/m <sup>2</sup>	Bluetooth	✓
Maximum display brightness (HDR)	500 cd/m <sup>2</sup>	Bluetooth version	5.4
RGB colour space	DCI-P3	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Maximum refresh rate	120 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Contrast ratio (typical)	1000000:1	USB4 Gen 3x2 ports quantity	1
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	Dolby Vision	HDMI version	2.1
Processor		Combo headphone/mic port	✓
Processor manufacturer *	AMD	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	AMD Ryzen AI 9 HX		
Processor generation	AMD Ryzen AI 300 Series		
Processor model *	370		

<b>Processor</b>		<b>Performance</b>	
Processor cores	12	Repairability index	9.6
Processor threads	24	<b>Keyboard</b>	
Processor boost frequency	5.1 GHz	Pointing device	Touchpad
Processor frequency *	2 GHz	Numeric keypad *	✗
Processor cache	24 MB	Keyboard backlit	✓
Processor cache type	L2 & L3	Keyboard backlit colour	RGB
<b>Neural processor unit (NPU)</b>		Keyboard backlit zone	1-zone RGB
Neural processor unit (NPU)	AMD Ryzen AI	Copilot key	✓
Total processor performance up to	80 TOPs	<b>Software</b>	
NPU performance up to	50 TOPs	Operating system architecture	64-bit
<b>Memory</b>		Microsoft Copilot	✓
Internal memory *	32 GB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Internal memory type	LPDDR5x-SDRAM	Operating system installed *	Windows 11 Home
Memory clock speed	8000 MHz	Bundled software	Xbox Game Pass for PC_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass for PC. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Memory form factor	On-board	<b>Battery</b>	
Maximum internal memory *	32 GB	Battery technology	Lithium-Ion (Li-Ion)
<b>Storage</b>		Number of battery cells	4
Total storage capacity *	2 TB	Battery capacity *	73 Wh
Storage media *	SSD	<b>Power</b>	
Total SSDs capacity	2 TB	AC adapter power	200 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	10 A
Optical drive type *	✗	AC adapter output voltage	20 V
Card reader integrated	✓	DC-in jack	✓
Compatible memory cards	MicroSD (TransFlash)	USB Type-C charging port *	✓
<b>Graphics</b>		USB Power Delivery (USB PD)	✓
Discrete GPU manufacturer	NVIDIA	<b>Security</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 5080	Face recognition	✓
Discrete graphics card memory	16 GB	Windows Hello	✓
Discrete graphics memory type	GDDR7	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, User
On-board GPU manufacturer	AMD	<b>Weight &amp; dimensions</b>	
Discrete graphics card *	✓	Width	311 mm
On-board graphics card family	AMD Radeon	Depth	220 mm
On-board graphics card model *	AMD Radeon 890M	Height (front)	1.59 cm
NVIDIA G-SYNC	✓	Height (rear)	1.83 cm
<b>Audio</b>		Weight *	1.57 kg
Audio system	Smart Amp	<b>Packaging content</b>	
		AC adapter included *	✓



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