

# ASUS ROG Zephyrus G14 GA403UU-QS109X AMD Ryzen™ 9 8945HS Laptop 35,6 cm (14") 3K 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Pro White



**Brand :** ASUS

**Product family:** ROG

**Article code:** 90NR0HZ2-M005C0

**Product name :** GA403UU-QS109X

ASUS ROG Zephyrus G14 GA403UU-QS109X. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 8945HS, Processor frequency: 4 GHz. Display diagonal: 35,6 cm (14"), HD type: 3K, Display resolution: 2880 x 1800 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 780M. Operating system installed: Windows 11 Pro. Product color: White



Design		Audio	
Colour name	Platinum White	Audio system	Smart Amp
Product type *	Laptop	Number of built-in speakers	4
Product colour *	White	Built-in microphone	✓
Form factor *	Clamshell	Number of microphones	3
Market positioning	Gaming	<b>Camera</b>	
Display		Front camera	✓
Display diagonal *	35.6 cm (14")	Front camera HD type	Full HD
Display resolution *	2880 x 1800 pixels	Infrared (IR) camera	✓
Touchscreen *	✗	<b>Network</b>	
HD type	3K	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Panel type	OLED	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:10	Mobile network connection *	✗
Display surface	Gloss	Antenna type	2x2
RGB colour space	DCI-P3	Ethernet LAN	✗
Colour gamut	100%	Bluetooth	✓
Display response rise/fall	0.2 ms	Bluetooth version	5.3
Maximum refresh rate	120 Hz	<b>Ports &amp; interfaces</b>	
High Dynamic Range (HDR) supported	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
High Dynamic Range (HDR) technology	Dolby Vision	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor		USB4 Gen 2x2 ports quantity	1
Processor manufacturer *	AMD	HDMI ports quantity *	1
Processor family *	AMD Ryzen™ 9	HDMI version	2.1
Processor generation	AMD Ryzen 8000 Series	Combo headphone/mic port	✓
Processor model *	8945HS	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	8		
Processor boost frequency	5.2 GHz		

Processor		Performance	
Processor frequency *	4 GHz	Repairability index	8.2
Processor cache	24 MB	Keyboard	
Processor cache type	L2 & L3	Pointing device	Touchpad
Neural processor unit (NPU)		Numeric keypad *	✗
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard backlit	✓
Total processor performance up to	39 TOPs	Software	
NPU performance up to	16 TOPs	Operating system architecture	64-bit
Memory		Operating system installed *	Windows 11 Pro
Internal memory *	32 GB	Battery	
Internal memory type	LPDDR5x-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory clock speed	6400 MHz	Number of battery cells	4
Memory form factor	On-board	Battery capacity *	73 Wh
Memory layout (slots x size)	2 x 16 GB	Fast charging	✓
Maximum internal memory *	32 GB	Fast charging time (50%)	30 min
Storage		Power	
Total storage capacity *	1 TB	AC adapter power	180 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	9.23 A
SSD capacity	1 TB	AC adapter output voltage	19 V
SSD interface	PCI Express 4.0	USB Power Delivery (USB PD) *	✓
NVMe	✓	Security	
SSD form factor	M.2	Face recognition	✓
Optical drive type *	✗	Windows Hello	✓
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	MicroSD (TransFlash)	Trusted Platform Module (TPM) version	2.0
Graphics		Password protection	✓
Discrete GPU manufacturer	NVIDIA	Password protection type	BIOS, User
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Weight & dimensions	
Discrete graphics card memory	6 GB	Width	311 mm
Discrete graphics memory type	GDDR6	Depth	220 mm
On-board graphics card *	✓	Height (front)	1.59 cm
On-board GPU manufacturer	AMD	Height (rear)	1.63 cm
Discrete graphics card *	✓	Weight *	1.5 kg
On-board graphics card model *	AMD Radeon 780M		



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