

# ASUS ROG Zephyrus G14 GA402XZ-N2005W AMD Ryzen™ 9 7940HS Laptop 35.6 cm (14") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Home White

**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NR0DH3-M001E0

**Product name :** GA402XZ-N2005W



- Windows 11 Home 64-bit
  - AMD Ryzen 9 7940HS (16MB Cache, 4GHz)
  - 35.6 cm (14") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 4080 (12GB GDDR6)
  - 32GB (4800MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
- AMD Ryzen 9 7940HS (16MB Cache, 4GHz), 32GB DDR5-SDRAM, 1000GB SSD, 35.6 cm (14") WQXGA 2560 x 1600 IPS, AMD Radeon 780M, NVIDIA GeForce RTX 4080 (12GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Zephyrus G14 GA402XZ-N2005W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 7940HS, Processor frequency: 4 GHz. Display diagonal: 35.6 cm (14"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Home. Product colour: White



Design		Audio	
Colour name	Moonlight White	Audio system	Dolby Atmos
Product type *	Laptop	Number of built-in speakers	4
Product colour *	White	Built-in microphone	✓
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 *	2560 x 1600 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	WQXGA	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Panel type	IPS	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Anti-glare screen	✓	Ethernet LAN	✗
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.3
Maximum refresh rate	165 Hz	Ports & interfaces	
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 model *	7940HS	Combo headphone/mic port	✓
Processor cores	8	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	5.2 GHz	USB Power Delivery	✓
Processor frequency *	4 GHz	Keyboard	
Processor cache	16 MB	Pointing device	Touchpad
Memory		Numeric keypad *	✗
Internal memory *	32 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	Software	
Memory clock speed	4800 MHz	Operating system architecture	64-bit
Memory form factor	On-board + SO-DIMM		
Memory layout (slots x size)	2 x 16 GB		

Memory		Software	
Memory slots	1x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	32 GB	<b>Battery</b>	
<b>Storage</b>		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	1 TB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	76 Wh
Total SSDs capacity	1 TB	<b>Power</b>	
Number of SSDs installed	1	AC adapter power	240 W
SSD capacity	1 TB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	AC adapter output current	12 A
SSD form factor	M.2	AC adapter output voltage	20 V
Optical drive type *	✗	<b>Security</b>	
Card reader integrated	✓	Windows Hello	✓
Compatible memory cards	MicroSD (TransFlash)	Trusted Platform Module (TPM)	✓
<b>Graphics</b>		Password protection	✓
Discrete GPU manufacturer	NVIDIA	Password protection type	BIOS, User
Discrete graphics card model *	NVIDIA GeForce RTX 4080	<b>Weight &amp; dimensions</b>	
Discrete graphics card memory	12 GB	Width	312 mm
Discrete graphics memory type	GDDR6	Depth	227 mm
On-board graphics card *	✓	Height (front)	1.95 cm
Discrete graphics card *	✓	Height (rear)	2.05 cm
On-board graphics card model *	AMD Radeon 780M	Weight *	1.72 kg



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