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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

Colour name	Moonlight White
Product type *	Laptop
Product colour *	White
Form factor *	Clamshell
Market positioning	Gaming

Display

Display diagonal *	35.6 cm (14")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✖
HD type	WQXGA
Panel type	IPS
Native aspect ratio	16:10
Anti-glare screen	✔
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	165 Hz
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	Dolby Vision

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 9
Processor model *	7940HS
Processor cores	8
Processor boost frequency	5.2 GHz
Processor frequency *	4 GHz
Processor cache	16 MB

Memory

Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	4800 MHz
Memory form factor	On-board + SO-DIMM
Memory slots	1x SO-DIMM

Audio

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

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 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✖
Antenna type	2x2
Ethernet LAN	✖
Bluetooth	✔
Bluetooth version	5.3

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	✔
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✖
Keyboard backlit	✔

Memory

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	MicroSD (TransFlash)

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4080
Discrete graphics card memory	12 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✓
Discrete graphics card *	✓
On-board graphics card model *	AMD Radeon 780M

Software

Operating system architecture	64-bit
Operating system installed *	Windows 11 Home

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	76 Wh

Power

AC adapter power	240 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	12 A
AC adapter output voltage	20 V

Security

Windows Hello	✓
Trusted Platform Module (TPM)	✓
Password protection	✓
Password protection type	BIOS, User

Weight & dimensions

Width	312 mm
Depth	227 mm
Height (front)	1.95 cm
Height (rear)	2.05 cm
Weight *	1.72 kg

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