ASUS

ASUS ROG Zephyrus G14 GA402XZ-N2002W 7940HS Notebook 35.6 cm (14") Quad HD+ AMD Ryzen™ 9 32 GB DDR5-SDRAM 1000 GB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: ROG

Product code: 90NR0DH4-M00120

Product name : GA402XZ-N2002W

- Windows 11 Home 64-bit
- AMD Ryzen 9 7940HS (16MB Cache, 4GHz)
- 35.6 cm (14") Quad HD+ 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") Quad HD+ 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-N2002W 7940HS Notebook 35.6 cm (14") Quad HD+ AMD Ryzen™ 9 32 GB DDR5-SDRAM 1000 GB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Home Grey:

UNLIMITED ACCESS FOR 3 MONTHS TO OVER 100 HIGH-QUALITY PC GAMES

Every game is your game.
The 2023 ROG Zephyrus G14 doubles up on firepower with an AMD Ryzen™ 9 7940HS Mobile Processor, and an NVIDIA® GeForce RTX™ 4080 Laptop. The G14 advances the AniMe Matrix™ system to deliver more vivid content and even more possibilities for interaction. Immerse yourself in the latest games with an QHD+ 165 Hz, ROG Nebula gaming panel. The G14 has the power to work with you all day, featuring long battery life, 100 W USB Type-C charging, and WiFi 6E connectivity.

Design

Colour name	Eclipse Grey
Product type *	Notebook
Product colour *	Grey
Form factor *	Clamshell
Market positioning	Gaming
Introduction year	2023
Country of origin	China

Display

Display diagonal *	35.6 cm (14")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✗
HD type	Quad HD+
Panel type	IPS
Native aspect ratio	16:10
Anti-glare screen	✓
RGB colour space	DCI-P3
Colour gamut	100%
Display response rise/fall	3 ms
Maximum refresh rate	165 Hz
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	Dolby Vision

Processor

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

Audio

Number of microphones	3

Camera

Front camera	✓
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	5.2

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	2.0b
Combo headphone/mic port	✓
Power adapter barrel connector	6.0 mm
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓

Keyboard

Pointing device	Touchpad
Numeric keypad *	✗

Processor

Processor cache	16 MB
Processor cache type	L3

Memory

Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	4800 MHz
Memory form factor	On-board + SO-DIMM
Memory layout (slots x size)	2 x 16 GB
Memory slots	1x SO-DIMM
Maximum internal memory *	32 GB
Memory channels	Dual-channel

Storage

Total storage capacity *	1000 GB
Storage media *	SSD
Total SSDs capacity	1000 GB
Number of SSDs installed	1
SSD capacity	1000 GB
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
On-board graphics card *	✓
Discrete graphics card *	✓
On-board graphics card model *	AMD Radeon 780M
Discrete graphics card memory	12 GB
Discrete graphics memory type	GDDR6
NVIDIA G-SYNC	✓

Audio

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

Keyboard

Keyboard backlit	✓
Keyboard backlit colour	RGB

Software

Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers
Operating system installed *	Windows 11 Home

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	76 Wh
Fast charging	✓
Fast charging time (50%)	30 min

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

Packaging data

Package width	95 mm
Package depth	486 mm
Package height	277 mm
Package weight	3.9 kg

Technical details

Commodity Classification Automated Tracking System (CCATS)	8471300000

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