ASUS ROG Zephyrus G14 GA403UM-QS006W AMD Ryzen™ 9 270 Laptop 35.6 cm (14") 3K 16 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 7 (802.11be) Windows 11 Home Grey

Brand : ASUS **Product family:** ROG **Product code:** 90NR0M81-M000C0

Product name : GA403UM-QS006W

- Windows 11 Home 64-bit
- AMD Ryzen 9 270 (24MB Cache, 4GHz)
- 35.6 cm (14") 3K 2880 x 1800 OLED, NVIDIA GeForce RTX 5060 (8GB GDDR7)
- 16GB (7500MHz) LPDDR5x-SDRAM & 1000GB SSD

AMD Ryzen 9 270 (24MB Cache, 4GHz), 16GB LPDDR5x-SDRAM, 1000GB SSD, 35.6 cm (14") 3K 2880 x 1800 OLED, AMD Radeon 780M, NVIDIA GeForce RTX 5060 (8GB GDDR7), WLAN, Webcam, Windows 11 Home 64-bit

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NVIDIA® GeForce RTX™ 5080 Laptop GPU in a 1.59cm chassis

Performance
The Dawn of A New Age
Effortlessly game, create, and collaborate on this next-gen Windows 11 Pro machine. Featuring up to an AMD Ryzen™ AI 9 HX 370 processor and up to an NVIDIA® GeForce RTX™ 5080 Laptop GPU, this 14-inch machine can easily handle the latest games and cutting-edge creative software alike. AI accelerators built into both the CPU and GPU allow the Zephyrus G14 to remain the lightest ROG laptop we've ever produced, without breaking a sweat when it's time to get to work.

Design

Colour name	Eclipse Gray
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell
Market positioning	Gaming
Country of origin	China

Display

Display diagonal *	35.6 cm (14")
Display resolution *	2880 x 1800 pixels
Touchscreen *	✕
HD type	3K
Panel type	OLED
Native aspect ratio	16:10
Display surface	Gloss
Display brightness	500 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	120 Hz
Contrast ratio (typical)	1000000:1
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	Dolby Vision

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 9
Processor generation	AMD Ryzen 200 Series
Processor model *	270

Audio

Number of built-in speakers	4
Built-in microphone	✔
Number of microphones	3

Camera

Front camera	✔
Front camera HD type	Full HD
Infrared (IR) camera	✔

Network

Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Mobile network connection *	✕
Antenna type	2x2
Bluetooth	✔
Bluetooth version	5.4

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 3x2 ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Keyboard

Pointing device	Touchpad

Processor

Processor cores	8
Processor threads	16
Processor boost frequency	5.2 GHz
Processor frequency *	4 GHz
Processor cache	24 MB
Processor cache type	L3

Neural processor unit (NPU)

Neural processor unit (NPU)	AMD Ryzen AI
Total processor performance up to	39 TOPs
NPU performance up to	16 TOPs

Memory

Internal memory *	16 GB
Internal memory type	LPDDR5x-SDRAM
Memory clock speed	7500 MHz
Memory form factor	On-board
Maximum internal memory *	16 GB
Memory channels	Dual-channel

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
M.2 SSD size	2230 (22 x 30 mm)
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 5060
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR7
On-board graphics card *	✔
On-board GPU manufacturer	AMD
Discrete graphics card *	✔
On-board graphics card family	AMD Radeon
On-board graphics card model *	AMD Radeon 780M
On-board graphics card cores	12
On-board graphics card 4K support	✔
On-board graphics card 8K support	✔
NVIDIA G-SYNC	✔
AMD FreeSync	✔

Audio

Audio system	Dolby Atmos

Keyboard

Numeric keypad *	✘
Keyboard backlit	✔
Keyboard backlit colour	RGB
Keyboard backlit zone	1-zone RGB
Copilot key	✔

Software

Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Operating system installed *	Windows 11 Home
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.)
Microsoft Copilot	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	73 Wh
Fast charging	✔
Fast charging time (50%)	30 min

Power

AC adapter power	200 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	10 A
AC adapter output voltage	20 V
USB Type-C charging port *	✔
USB Type-C required charging power (min) *	45 W
USB Type-C required charging power (max) *	100 W
USB Power Delivery (USB PD)	✔

Security

Windows Hello	✔
Password protection	✔
Password protection type	BIOS, User

Weight & dimensions

Width	311 mm
Depth	220 mm
Height (front)	1.59 cm
Height (rear)	1.63 cm
Weight *	1.5 kg

Packaging data

Package width	426 mm
Package depth	103 mm
Package height	312 mm
Package weight	3.29 kg

Packaging content

AC adapter included *	✔

Logistics data

Commodity Classification Automated Tracking System (CCATS)	8471300000

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