

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

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:

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		Audio	
Colour name	Eclipse Gray	Number of built-in speakers	4
Product type *	Laptop	Built-in microphone	✓
Product colour *	Grey	Number of microphones	3
Form factor *	Clamshell	Camera	
Market positioning	Gaming	Front camera	✓
Country of origin	China	Front camera HD type	Full HD
Display		Infrared (IR) camera	✓
Display diagonal *	35.6 cm (14")	Network	
Display resolution *	2880 x 1800 pixels	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 7 (802.11be)
HD type	3K	Mobile network connection *	✗
Panel type	OLED	Antenna type	2x2
Native aspect ratio	16:10	Bluetooth	✓
Display surface	Gloss	Bluetooth version	5.4
Display brightness	500 cd/m²	Ports & interfaces	
RGB colour space	DCI-P3	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Maximum refresh rate	120 Hz	USB4 Gen 3x2 ports quantity	1
Contrast ratio (typical)	1000000:1	HDMI ports quantity *	1
High Dynamic Range (HDR) supported	✓	HDMI version	2.1
High Dynamic Range (HDR) technology	Dolby Vision	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	AMD	Keyboard	
Processor family *	AMD Ryzen™ 9	Pointing device	Touchpad
Processor generation	AMD Ryzen 200 Series		
Processor model *	270		

Processor		Keyboard	
Processor cores	8	Numeric keypad *	✗
Processor threads	16	Keyboard backlit	✓
Processor boost frequency	5.2 GHz	Keyboard backlit colour	RGB
Processor frequency *	4 GHz	Keyboard backlit zone	1-zone RGB
Processor cache	24 MB	Copilot key	✓
Processor cache type	L3		
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	AMD Ryzen AI	Operating system architecture	64-bit
Total processor performance up to	39 TOPs	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
NPU performance up to	16 TOPs	Operating system installed *	Windows 11 Home
Memory			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.)
Internal memory *	16 GB	Bundled software	
Internal memory type	LPDDR5x-SDRAM		
Memory clock speed	7500 MHz		
Memory form factor	On-board		
Maximum internal memory *	16 GB	Microsoft Copilot	✓
Memory channels	Dual-channel		
Storage		Battery	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	1 TB	Battery capacity *	73 Wh
Number of SSDs installed	1	Fast charging	✓
SSD capacity	1 TB	Fast charging time (50%)	30 min
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		Power	
Discrete GPU manufacturer	NVIDIA	AC adapter power	200 W
Discrete graphics card model *	NVIDIA GeForce RTX 5060	AC adapter frequency	50 - 60 Hz
Discrete graphics card memory	8 GB	AC adapter input voltage	100 - 240 V
Discrete graphics memory type	GDDR7	AC adapter output current	10 A
On-board graphics card *	✓	AC adapter output voltage	20 V
On-board GPU manufacturer	AMD	USB Type-C charging port *	✓
Discrete graphics card *	✓	USB Type-C required charging power (min) *	45 W
On-board graphics card family	AMD Radeon	USB Type-C required charging power (max) *	100 W
On-board graphics card model *	AMD Radeon 780M	USB Power Delivery (USB PD)	✓
On-board graphics card cores	12		
On-board graphics card 4K support	✓		
On-board graphics card 8K support	✓		
NVIDIA G-SYNC	✓		
AMD FreeSync	✓		
Audio		Security	
Audio system	Dolby Atmos	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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