

ASUS ROG Strix G16 G615LW-U9322W Intel Core Ultra 9 275HX Laptop 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA® GeForce RTX™ 5080 Laptop GPU Wi-Fi 7 (802.11be) Windows 11 Home Grey

Brand : ASUS

Product family: ROG

Product code: 90NR0LG1-M003B0

Product name : G615LW-U9322W



- Windows 11 Home 64-bit
 - Intel Core Ultra 9 275HX (36MB Cache)
 - 16" WQXGA 2560 x 1600 IPS-Level, NVIDIA GeForce RTX 5080 Laptop GPU (16GB GDDR7)
 - 32GB (5600MHz) DDR5-SDRAM & 2000GB SSD
- Intel Core Ultra 9 275HX (36MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 16" WQXGA 2560 x 1600 IPS-Level, Intel Graphics, NVIDIA GeForce RTX 5080 Laptop GPU (16GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

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Power up

Game with confidence thanks to Windows 11 Home and Intel® Core™ Ultra 9 processor 275HX. Backed up by the serious gaming muscle of NVIDIA® GeForce RTX™ 5070 Ti Laptop GPU and 32GB of DDR5-5600 RAM, the 2025 Strix G16 has the perfect amount of power to keep you gaming at peak performance. With additional features like NVIDIA® Advanced Optimus, the latest DLSS enhancements, a 1TB PCIe Gen 4 SSD, the Strix G16 is truly a force to be reckoned with.

Design		Graphics	
Colour name	Eclipse Gray	Discrete graphics card *	✓
Product type *	Laptop	On-board graphics card family	Intel® Graphics
Product colour *	Grey	On-board graphics card model *	Intel® Graphics
Form factor *	Clamshell	NVIDIA G-SYNC	✓
Market positioning	Gaming	Audio	
Display		Audio system	Dolby Atmos
Display diagonal *	40.6 cm (16")	Number of built-in speakers	2
Display resolution *	2560 x 1600 pixels	Built-in microphone	✓
Touchscreen *	✗	Camera	
HD type	WQXGA	Front camera	✓
Panel type	IPS-Level	Front camera HD type	Full HD
Native aspect ratio	16:10	Infrared (IR) camera	✓
Anti-glare screen	✓	Network	
RGB colour space	DCI-P3	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display response rise/fall	3 ms	Mobile network connection *	✗
Maximum refresh rate	240 Hz	Antenna type	2x2
Processor		Ethernet LAN	✓
Processor manufacturer *	Intel	Ethernet LAN data rates	2500 Mbit/s
Processor family *	Intel Core Ultra 9	Bluetooth	✓
Processor generation	Intel Core Ultra (Series 2)	Bluetooth version	5.4
Processor model *	275HX	Ports & interfaces	
Processor cores	24	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Processor threads	24	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	5.4 GHz	HDMI ports quantity *	1
Performance cores	8		
Efficient cores	16		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	5.4 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	4.6 GHz	Thunderbolt 5 ports quantity	2
Performance-core base frequency	2.7 GHz	Intel® Thunderbolt 5	✓
Efficient-core base frequency	2.1 GHz	Combo headphone/mic port	✓
Processor cache	36 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	55 W	Keyboard	
Maximum turbo power	160 W	Pointing device	Touchpad
Neural processor unit (NPU)		Numeric keypad *	✗
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit	✓
Sparsity support	✓	Keyboard backlit colour	RGB
Windows Studio effects support	✓	Keyboard backlit zone	4-zone RGB
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Copilot key	✓
Total processor performance up to	36 TOPs	Software	
NPU performance up to	13 TOPs	Operating system architecture	64-bit
GPU performance up to	8 TOPs	Microsoft Copilot	✓
Memory		Trial software	1-month trial for new Microsoft 365 customers. Credit card required. McAfee® 30 days free trial
Internal memory *	32 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM		Xbox Game Pass Premium 2 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Memory clock speed	5600 MHz		
Memory form factor	SO-DIMM		
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB	Bundled software	
Memory channels	Dual-channel		
Storage		Battery	
Total storage capacity *	2 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	2 TB	Battery capacity *	90 Wh
Number of SSDs installed	1	Power	
SSD capacity	2 TB	AC adapter power	380 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	19 A
Optical drive type *	✗	AC adapter output voltage	20 V
Graphics		USB Type-C charging port *	✓
Discrete GPU manufacturer	NVIDIA	USB Power Delivery (USB PD)	✓
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5080 Laptop GPU	Security	
Discrete graphics card memory	16 GB	Windows Hello	✓
Discrete graphics memory type	GDDR7	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	Intel	Password protection type	BIOS, User
		Weight & dimensions	
		Width	354 mm
		Depth	268 mm
		Height (front)	2.28 cm
		Height (rear)	3.08 cm
		Weight *	2.65 kg
		Packaging content	
		AC adapter included *	✓



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