



**Notebook ASUS  
ROG Strix G16  
(2025) G615LW-  
S5075W CPU  
Core Ultra U9-  
275HX 2700  
MHz 16  
2560x1600 RAM  
16GB DDR5  
5600 MHz SSD  
1TB NVIDIA  
GeForce RTX  
5080 16GB ENG  
Windows 11  
Home Eclipse  
Grey 2.65 kg  
90NR0LG1-  
M002T0**

Model: 90NR0LG1-M002T0

Manufacturer: ASUS

EAN: 4711387977279

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Product Code: 42292

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**R63,814** ~~R85,891~~

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## Power up

Game with confidence thanks to Windows 11 Pro and up to Intel® Core™ Ultra 9 processor 275HX. Backed up by the serious gaming muscle of up to NVIDIA® GeForce RTX™ 5080 Laptop GPU and up to 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 Max-Q technologies, including Advanced Optimus, NVIDIA DLSS 4 with Multi Frame Generation, and a 2TB PCIe Gen 4 SSD, the Strix G16 is truly a force to be reckoned with.

- Windows 11 Home 64-bit
- Intel Core Ultra 9 275HX (36MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS-Level, NVIDIA GeForce RTX 5080 (16GB GDDR7)
- 16GB (5600MHz) DDR5-SDRAM & 1000GB SSD

Summary: ASUS ROG Strix G15 G615LW-S5075W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 275HX. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Graphics, Discrete graphics card model: NVIDIA GeForce RTX 5080. Operating system installed: Windows 11 Home. Product colour: Black, Grey | Vendor Homepage: <https://rog.asus.com/laptops/rog-strix/rog-strix-g16-2025/> | Efficient cores: 16 | Efficient-core base frequency: 2.1 | Efficient-core Max Turbo Frequency: 4.6 | Maximum turbo power: 160 | Performance cores: 8 | Performance-core base frequency: 2.7 | Performance-core Max Turbo Frequency: 5.4 | Processor base power: 55 | Processor boost frequency: 5.4 | Processor cache: 36 | Processor cores: 24 | Processor family: Intel Core Ultra 9 | Processor generation: Intel Core Ultra (Series 2) | Processor manufacturer: Intel | Processor model: 275HX | Processor threads: 24 | Anti-glare screen: Yes | Colour gamut: 100 | Contrast ratio (typical): 1200:1 | Display brightness: 500 | Display diagonal: 16 |

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Display resolution: 2560 x 1600 | HD type: WQXGA | High Dynamic Range (HDR) supported: Yes | High Dynamic Range (HDR) technology: Dolby Vision | Maximum refresh rate: 240 | Native aspect ratio: 16:10 | Panel type: IPS-Level | RGB colour space: DCI-P3 | Touchscreen: No | Certified refurbished: No | Colour name: Eclipse Gray | Form factor: Clamshell | Introduction year: 2025 | Market positioning: Gaming | Product colour: Black,Grey | Product type: Laptop | AI software frameworks supported by NPU: DirectML/ONNX RT/OpenVINO/WebNN/Windows ML | Copilot+ PC: No | GPU performance up to: 8 | Neural processor unit (NPU): Intel AI Boost | NPU performance up to: 13 | Sparsity support: Yes | Total processor performance up to: 36 | Windows Studio effects support: Yes | Internal memory: 16 | Internal memory type: DDR5-SDRAM | Maximum internal memory: 64 | Memory channels: Dual-channel | Memory clock speed: 5600 | Memory form factor: SO-DIMM | Memory slots: 2x SO-DIMM | Card reader integrated: No | Number of SSDs installed: 1 | NVMe: Yes | Optical drive type: No | SSD capacity: 1000 | SSD form factor: M.2 | SSD interface: PCI Express 4.0 | Storage media: SSD | Total SSDs capacity: 1000 | Total storage capacity: 1000 | Discrete GPU manufacturer: NVIDIA | Discrete graphics card: Yes | Discrete graphics card memory: 16 | Discrete graphics card model: NVIDIA GeForce RTX 5080 | Discrete graphics memory type: GDDR7 | NVIDIA G-SYNC: Yes | On-board GPU manufacturer: Intel | On-board graphics card: Yes | On-board graphics card family: Intel® Graphics | On-board graphics card model: Intel® Graphics | Audio system: Smart Amp | Built-in microphone: Yes | Number of built-in speakers: 2 | Front camera: Yes | Front camera HD type: Full HD | Infrared (IR) camera: Yes | Antenna type: 2x2 | Bluetooth: Yes | Bluetooth version: 5.4 | Ethernet LAN: Yes | Ethernet LAN data rates: 10/100/1000/2500 | Mobile network connection: No | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Wi-Fi standards: Wi-Fi 7 (802.11be) | Combo headphone/mic port: Yes | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | HDMI version: 2.1 | Intel® Thunderbolt 5: Yes | Thunderbolt 5 ports quantity: 2 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 3 | USB Type-C DisplayPort Alternate Mode: Yes | Motherboard chipset: Intel HM870 Express | Copilot key: Yes | Keyboard backlit: Yes | Keyboard backlit colour: RGB | Keyboard backlit zone: 4-zone RGB | Numeric keypad: No | Pointing device: Touchpad | 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: Yes | Operating system architecture: 64-bit | Operating system installed: Windows 11 Home | Trial software: 1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days | Battery capacity: 90 | Battery technology: Lithium-Ion (Li-Ion) | Fast charging: Yes | Fast charging time (50%): 30 | Number of battery cells: 4 | AC adapter frequency: 50 - 60 | AC adapter input voltage: 100 - 240 | AC adapter output current: 19 | AC adapter output

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voltage: 20 | AC adapter power: 380 | DC-in jack: Yes | USB Power Delivery (USB PD): Yes | USB Type-C charging port: Yes | Face recognition: Yes | Password protection: Yes | Password protection type: BIOS/User | Trusted Platform Module (TPM): Yes | Windows Hello: Yes | Depth: 268 | Height (front): 22.8 | Height (rear): 30.8 | Weight: 2650 | Width: 354 | AC adapter included: Yes | NB Family name: ROG Strix | Model name: G16 (2025) | Units per Shipping Box: 1 | Unit Calculated Volume: 0.01472 | Unit Calculated Weight: 5.09

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