

## ASUS ROG Strix G16 G615LP-DS96-CA Intel Core Ultra 9 275HX Laptop 40.6 cm (16") 2.5K 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 7 (802.11be) Windows 11 Home Grey

**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NR0LN1-M00580

**Product name :** G615LP-DS96-CA



- Windows 11 Home 64-bit
  - Intel Core Ultra 9 275HX (36MB Cache)
  - 40.6 cm (16") 2.5K 2560 x 1600 IPS-Level, NVIDIA GeForce RTX 5070 (8GB GDDR7)
  - 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
- Intel Core Ultra 9 275HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") 2.5K 2560 x 1600 IPS-Level, Intel Graphics, NVIDIA GeForce RTX 5070 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Strix G16 G615LP-DS96-CA Intel Core Ultra 9 275HX Laptop 40.6 cm (16") 2.5K 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 7 (802.11be) Windows 11 Home Grey:

### Victory, accelerated.

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® Advanced Optimus, the latest DLSS enhancements, a 2TB PCIe Gen 4 SSD, the Strix G16 is truly a force to be reckoned with.

Design		Graphics	
Colour name	Eclipse Grey	Discrete graphics memory type	GDDR7
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Grey	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✓
Market positioning	Gaming	On-board graphics card family	Intel® Graphics
Introduction year	2025	On-board graphics card model *	Intel® Graphics
Display		NVIDIA G-SYNC	✓
Display diagonal *	40.6 cm (16")	Audio	
Display resolution *	2560 x 1600 pixels	Audio system	Dolby Atmos
Touchscreen *	✗	Number of built-in speakers	2
HD type	2.5K	Built-in microphone	✓
Panel type	IPS-Level	Camera	
Native aspect ratio	16:9	Front camera	✓
Anti-glare screen	✓	Front camera resolution	1920 x 1080 pixels
RGB colour space	DCI-P3	Front camera HD type	Full HD
Colour gamut	100%	Infrared (IR) camera	✓
Display response rise/fall	3 ms	Network	
Maximum refresh rate	240 Hz	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
High Dynamic Range (HDR) supported	✓	Wi-Fi standards	Wi-Fi 7 (802.11be)
High Dynamic Range (HDR) technology	Dolby Vision	Mobile network connection *	✗
Processor		Antenna type	2x2
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor family *	Intel Core Ultra 9	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor generation	Intel Core Ultra (Series 2)	Bluetooth	✓
Processor model *	275HX	Bluetooth version	5.4
Processor cores	24	Ports & interfaces	
Processor threads	24	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Processor boost frequency	5.4 GHz		
Performance cores	8		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Efficient cores	16	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Performance-core Max Turbo Frequency	5.4 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core Max Turbo Frequency	4.6 GHz	HDMI ports quantity *	1
Performance-core base frequency	2.7 GHz	HDMI version	2.1
Efficient-core base frequency	2.1 GHz	Thunderbolt 4 ports quantity	1
Processor cache	36 MB	Intel® Thunderbolt 4	✓
Processor base power	55 W	Combo headphone/mic port	✓
Maximum turbo power	160 W	USB Type-C DisplayPort Alternate Mode	✓
<b>Neural processor unit (NPU)</b>		<b>Keyboard</b>	
Neural processor unit (NPU)	Intel AI Boost	Pointing device	NumberPad
Sparsity support	✓	Numeric keypad *	✗
Windows Studio effects support	✓	Keyboard backlit	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Keyboard backlit colour	RGB
Total processor performance up to	36 TOPs	Keyboard backlit zone	Per-key RGB
NPU performance up to	13 TOPs	Copilot key	✓
GPU performance up to	8 TOPs	<b>Software</b>	
<b>Memory</b>		Operating system architecture	64-bit
Internal memory *	32 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	<b>Battery</b>	
Memory clock speed	5600 MHz	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	SO-DIMM	Number of battery cells	4
Memory layout (slots x size)	2 x 16 GB	Battery capacity *	90 Wh
Memory slots	2x SO-DIMM	<b>Power</b>	
Maximum internal memory *	64 GB	AC adapter power	280 W
Memory channels	Dual-channel	AC adapter frequency	50 - 60 Hz
<b>Storage</b>		AC adapter input voltage	100 - 240 V
Total storage capacity *	1 TB	AC adapter output current	14 A
Storage media *	SSD	AC adapter output voltage	20 V
Total SSDs capacity	1 TB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	1 TB	<b>Security</b>	
SSD interface	PCI Express 4.0	Face recognition	✓
NVMe	✓	Windows Hello	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Password protection	✓
<b>Graphics</b>		Password protection type	BIOS, User
Discrete GPU manufacturer	NVIDIA	<b>Weight &amp; dimensions</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Width	354 mm
Discrete graphics card memory	8 GB	Depth	268 mm
		Height (front)	2.28 cm
		Height (rear)	3.08 cm
		Weight *	2.65 kg
		<b>Packaging content</b>	
		AC adapter included *	✓



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