

# ASUS ROG Strix G16 G615JHR-DS74-CA Intel® Core™ i7 i7-14650HX Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5050 Wi-Fi 7 (802.11be) Windows 11 Home Grey

**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NROLL1-M00030

**Product name :** G615JHR-DS74-CA

- Windows 11 Home 64-bit
- Intel Core i7-14650HX (30MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 5050 (8GB GDDR7)
- 16GB (5600MHz) DDR5-SDRAM & 1000GB SSD

Intel Core i7-14650HX (30MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, Intel UHD Graphics, NVIDIA GeForce RTX 5050 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Strix G16 G615JHR-DS74-CA Intel® Core™ i7 i7-14650HX Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5050 Wi-Fi 7 (802.11be) Windows 11 Home Grey:

## 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	On-board graphics card family	Intel® UHD Graphics
Product type *	Laptop	On-board graphics card model *	Intel® UHD Graphics
Product colour *	Grey	NVIDIA G-SYNC	✓
Form factor *	Clamshell	<b>Audio</b>	
Housing material	Plastic	Audio system	Dolby Atmos
Market positioning	Gaming	Number of built-in speakers	2
<b>Display</b>		Built-in microphone	✓
Display diagonal *	40.6 cm (16")	<b>Camera</b>	
Display resolution *	1920 x 1200 pixels	Front camera	✓
Touchscreen *	✗	Front camera HD type	Full HD
HD type	WUXGA	Infrared (IR) camera	✓
Panel type	IPS-Level	<b>Network</b>	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Anti-glare screen	✓	Wi-Fi standards	Wi-Fi 7 (802.11be)
RGB colour space	sRGB	Mobile network connection *	✗
Colour gamut	100%	Antenna type	2x2
Maximum refresh rate	165 Hz	Ethernet LAN	✓
High Dynamic Range (HDR) supported	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
High Dynamic Range (HDR) technology	Dolby Vision	Bluetooth	✓
<b>Processor</b>		Bluetooth version	5.4
Processor manufacturer *	Intel	<b>Ports &amp; interfaces</b>	
Processor family *	Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Processor generation	Intel® Core™ i7 (14th gen)	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor model *	i7-14650HX	Ethernet LAN (RJ-45) ports	1
Processor cores	16	HDMI ports quantity *	1
Processor threads	24		

Processor		Ports & interfaces	
Processor boost frequency	5.2 GHz	HDMI version	2.1
Performance cores	8	Thunderbolt 4 ports quantity	1
Efficient cores	8	Intel® Thunderbolt 4	✓
Performance-core Max Turbo Frequency	5.2 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	3.7 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance-core base frequency	2.2 GHz	Keyboard	
Efficient-core base frequency	1.6 GHz	Pointing device	Touchpad
Processor cache	30 MB	Numeric keypad *	✗
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor base power	55 W	Keyboard backlit colour	RGB
Maximum turbo power	157 W	Keyboard backlit zone	Per-key RGB
Memory		Copilot key	✓
Internal memory *	16 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory clock speed	5600 MHz	Microsoft Copilot	✓
Memory form factor	SO-DIMM	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	64 GB	Battery	
Memory channels	Dual-channel	Battery technology	Lithium-Ion (Li-Ion)
Storage		Number of battery cells	4
Total storage capacity *	1 TB	Battery capacity *	90 Wh
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	280 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	14 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Windows Hello	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5050	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	8 GB	Password protection	✓
Discrete graphics memory type	GDDR7	Password protection type	BIOS, User
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	Intel	Width	354 mm
Discrete graphics card *	✓	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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### Catalog Object Cloud



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