



# ASUS ROG Strix G16 G614JV-N3106W notebook i5-13450HX 40.6 cm (16") WUXGA Intel® Core™ i5 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Grey

Brand : ASUS

Product family: ROG

Product code: G614JV-N3106W



Product name : G614JV-N3106W

- Windows 11 Home 64-bit  
 - Intel Core i5-13450HX (20MB Cache)  
 - 40.6 cm (16") WUXGA 1920 x 1200 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)  
 - 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 512GB SSD  
 Intel Core i5-13450HX (20MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS ROG Strix G16 G614JV-N3106W. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-13450HX. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home. Product colour: Black, Grey



Design		Audio	
Colour name	Eclipse Gray	Built-in microphone	✓
Product type *	Notebook	Camera	
Product colour *	Black, Grey	Front camera	✓
Form factor *	Clamshell	Front camera HD type	HD
Market positioning	Gaming	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1200 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	2x2
HD type	WUXGA	Ethernet LAN	✓
Panel type	IPS	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
LED backlight	✓	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.2
Anti-glare screen	✓	Ports & interfaces	
RGB colour space	sRGB	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
Display response rise/fall	7 ms	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	165 Hz	HDMI ports quantity *	1
High Dynamic Range (HDR) supported	✓	HDMI version	2.1
High Dynamic Range (HDR) technology	Dolby Vision	Thunderbolt 4 ports quantity	1
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor generation	13th gen Intel® Core™ i5	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	i5-13450HX	USB Power Delivery	✓
Processor family *	Intel® Core™ i5		
Processor boost frequency	4.6 GHz		
Processor cores	10		

<b>Processor</b>		<b>Keyboard</b>	
Processor cache	20 MB	Pointing device	Touchpad
<b>Memory</b>		Numeric keypad *	✗
Internal memory *	16 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit colour	RGB
Memory clock speed	4800 MHz	Keyboard backlit zone	4-zone RGB
Memory form factor	SO-DIMM	<b>Software</b>	
Memory layout (slots x size)	2 x 8 GB	Operating system architecture	64-bit
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	32 GB	<b>Battery</b>	
<b>Storage</b>		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	512 GB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	90 Wh
Total SSDs capacity	512 GB	<b>Power</b>	
Number of SSDs installed	1	AC adapter power	240 W
SSD capacity	512 GB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	AC adapter output current	12 A
SSD form factor	M.2	AC adapter output voltage	20 V
Optical drive type *	✗	<b>Security</b>	
<b>Graphics</b>		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Password protection	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Password protection type	BIOS, User
On-board graphics card *	✓	<b>Weight &amp; dimensions</b>	
Discrete graphics card *	✓	Width	354 mm
On-board graphics card model *	Intel® UHD Graphics	Depth	264 mm
Discrete graphics card memory	8 GB	Height (front)	2.26 cm
Discrete graphics memory type	GDDR6	Height (rear)	3.04 cm
NVIDIA G-SYNC	✓	Weight *	2.5 kg
<b>Audio</b>		<b>Packaging data</b>	
Audio system	Dolby Atmos	Package width	335 mm
Number of built-in speakers	2	Package depth	106 mm
		Package height	420 mm
		Package weight	4.21 kg



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