

ASUS ROG Strix G16 G614JV-N4120W Intel® Core™ i9 i9-13980HX Laptop 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Grey



Brand : ASUS

Product family: ROG

Product code: 90NR0C61-M009P0

Product name : G614JV-N4120W

- Windows 11 Home 64-bit
 - Intel Core i9-13980HX (36MB Cache)
 - 40.6 cm (16") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)
 - 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD
 Intel Core i9-13980HX (36MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
 ASUS ROG Strix G16 G614JV-N4120W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13980HX. 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® 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 *	Laptop	Camera	
Product colour *	Black, Grey	Front camera	✓
Form factor *	Clamshell	Front camera resolution	1280 x 720 pixels
Market positioning	Gaming	Front camera HD type	HD
Introduction year	2023	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 *	2560 x 1600 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	2x2
HD type	WQXGA	Ethernet LAN	✓
Panel type	IPS	Ethernet LAN data rates	10,100,1000 Mbit/s
Native aspect ratio	16:10	Bluetooth	✓
Anti-glare screen	✓	Bluetooth version	5.2
Display brightness	500 cd/m²	Ports & interfaces	
RGB colour space	DCI-P3	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	3 ms	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	240 Hz	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	Intel	Thunderbolt 4 ports quantity	1
Processor family *	Intel® Core™ i9	Intel® Thunderbolt 4	✓
Processor generation	13th gen Intel® Core™ i9	Combo headphone/mic port	✓
Processor model *	i9-13980HX	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	24	Performance	
Processor boost frequency	5.6 GHz	Motherboard chipset	Intel HM770 Express
Processor cache	36 MB	Repairability index	8.6
Memory			
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		
Memory form factor	SO-DIMM		

Memory		Keyboard	
Memory layout (slots x size)	2 x 8 GB	Pointing device	Touchpad
Memory slots	2x SO-DIMM	Numeric keypad *	✗
Maximum internal memory *	32 GB	Keyboard backlit	✓
Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Home
Total SSDs capacity	1 TB	Battery	
Number of SSDs installed	1	Battery technology	Lithium-Ion (Li-Ion)
SSD capacity	1 TB	Number of battery cells	4
SSD interface	PCI Express 4.0	Battery capacity *	90 Wh
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	240 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Card reader integrated	✗	AC adapter input voltage	100 - 240 V
Graphics		AC adapter output current	12 A
Discrete GPU manufacturer	NVIDIA	AC adapter output voltage	20 V
Discrete graphics card model *	NVIDIA GeForce RTX 4060	DC-in jack	✓
Discrete graphics card memory	8 GB	USB Power Delivery (USB PD)	✓
Discrete graphics memory type	GDDR6	Security	
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	Password protection	✓
Discrete graphics card *	✓	Password protection type	BIOS, User
On-board graphics card model *	Intel® UHD Graphics	Weight & dimensions	
NVIDIA G-SYNC	✓	Width	354 mm
Audio		Depth	264 mm
Audio system	Dolby Atmos	Height (front)	2.26 cm
Number of built-in speakers	2	Height (rear)	3.04 cm
		Weight *	2.5 kg



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