

**ASUS ROG Strix G18 G814JV-N5054W laptop Intel® Core™ i9
i9-13980HX 45,7 cm (18") WUXGA 32 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: G814JV-
N5054W

Product name : G814JV-
N5054W

- Windows 11 Home 64-bit
- Intel Core i9-13980HX (36MB Cache)
- 45.7 cm (18") Full HD+ 1920 x 1200 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 32GB (4800MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
Intel Core i9-13980HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 45.7 cm (18") Full HD+ 1920 x 1200 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
ASUS ROG Strix G18 G814JV-N5054W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13980HX. Display diagonal: 45,7 cm (18"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 32 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 *	45,7 cm (18")	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 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
Maximum refresh rate	165 Hz	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel® Core™ i9	Thunderbolt 4 ports quantity	1
Processor generation	13th gen Intel® Core™ i9	Intel® Thunderbolt 4	✓
Processor model *	i9-13980HX	Combo headphone/mic port	✓
Processor cores	24	Power adapter barrel connector	6.0 mm
Processor boost frequency	5,6 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core boost frequency	4 GHz	Keyboard	
Processor cache	36 MB	Pointing device	Touchpad
Processor cache type	Smart Cache	Numeric keypad *	✓
Memory			
Internal memory *	32 GB		
Internal memory type	DDR5-SDRAM		

Memory		Keyboard	
Memory clock speed	4800 MHz	Keyboard backlit	✓
Memory form factor	SO-DIMM	Keyboard backlit colour	RGB
Memory layout (slots x size)	2 x 16 GB	Keyboard backlit zone	Per-key RGB
Memory slots	2x SO-DIMM	Software	
Maximum internal memory *	32 GB	Operating system architecture	64-bit
Storage		Operating system installed *	Windows 11 Home
Total storage capacity *	1 TB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	1 TB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	90 Wh
Solid-state drive capacity	1 TB	Power	
Solid-state drive interface	PCI Express 4.0	AC adapter power	280 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	AC adapter output current	14 A
Card reader integrated	✗	AC adapter output voltage	20 V
Graphics		DC-in jack	✓
Discrete GPU manufacturer	NVIDIA	USB Power Delivery	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Security	
Discrete graphics card memory	8 GB	Trusted Platform Module (TPM)	✓
Discrete graphics memory type	GDDR6	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, User
Discrete graphics card *	✓	Weight & dimensions	
On-board graphics card model *	Intel® UHD Graphics	Width	399 mm
NVIDIA G-SYNC	✓	Depth	294 mm
Audio		Height (front)	2,31 cm
Audio system	Smart Amp	Height (rear)	3,08 cm
Number of built-in speakers	2	Weight *	3 kg



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