

# ASUS ROG Strix G16 G614JZ-N4024W Intel® Core™ i9 i9-13980HX Laptop 40.6 cm (16") Quad HD+ 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: ROG

Product code: 90NR0CZ1-M007J0

Product name : G614JZ-N4024W



- Windows 11 Home 64-bit  
 - Intel Core i9-13980HX (36MB Cache)  
 - 40.6 cm (16") Quad HD+ 2560 x 1600 IPS, NVIDIA GeForce RTX 4080 (12GB 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") Quad HD+ 2560 x 1600 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS ROG Strix G16 G614JZ-N4024W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13980HX. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, 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 4080. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Camera	
Colour name	Eclipse Grey	Front camera	✓
Product type *	Laptop	Front camera HD type	HD
Product colour *	Grey	<b>Network</b>	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Introduction year	2023	Mobile network connection *	✗
Country of origin	China	Antenna type	2x2
<b>Display</b>		Ethernet LAN	✓
Display diagonal *	40.6 cm (16")	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Display resolution *	2560 x 1600 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.2
HD type	Quad HD+	<b>Ports &amp; interfaces</b>	
Panel type	IPS	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
LED backlight	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Native aspect ratio	16:10	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	500 cd/m <sup>2</sup>	HDMI version	2.1
RGB colour space	DCI-P3	Thunderbolt 4 ports quantity	1
Colour gamut	100%	Intel® Thunderbolt 4	✓
Maximum refresh rate	240 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	1200:1	Power adapter barrel connector	6.0 mm
High Dynamic Range (HDR) supported	✓	USB Type-C DisplayPort Alternate Mode	✓
High Dynamic Range (HDR) technology	Dolby Vision	USB Power Delivery	✓
<b>Processor</b>		<b>Performance</b>	
Processor manufacturer *	Intel	Motherboard chipset	Intel HM770 Express
Processor family *	Intel® Core™ i9		
Processor generation	13th gen Intel® Core™ i9		

<b>Processor</b>		<b>Performance</b>	
Processor model *	i9-13980HX	Repairability index	8.6
Processor cores	24	<b>Keyboard</b>	
Processor boost frequency	5.6 GHz	Pointing device	Touchpad
Efficient-core boost frequency	4 GHz	Numeric keypad *	✗
Processor cache	36 MB	Keyboard backlit	✓
Processor cache type	Smart Cache	Keyboard backlit colour	RGB
<b>Memory</b>		Keyboard backlit zone	4-zone RGB
Internal memory *	16 GB	<b>Software</b>	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory clock speed	4800 MHz	Trial software	McAfee 30 days, Xbox Game Pass Ultimate 3 months
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	2 x 8 GB	<b>Battery</b>	
Memory slots	2x SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	32 GB	Number of battery cells	4
Memory channels	Dual-channel	Battery capacity *	90 Wh
<b>Storage</b>		Fast charging	✓
Total storage capacity *	1 TB	Fast charging time (50%)	30 min
Storage media *	SSD	<b>Power</b>	
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	<b>Security</b>	
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
<b>Graphics</b>		Password protection	✓
Discrete GPU manufacturer	NVIDIA	Password protection type	BIOS, User
Discrete graphics card model *	NVIDIA GeForce RTX 4080	<b>Weight &amp; dimensions</b>	
Discrete graphics card memory	12 GB	Width	354 mm
Discrete graphics memory type	GDDR6	Depth	264 mm
On-board graphics card *	✓	Height (front)	2.26 cm
On-board GPU manufacturer	Intel	Height (rear)	3.04 cm
Discrete graphics card *	✓	Weight *	2.5 kg
On-board graphics card model *	Intel® UHD Graphics	<b>Packaging data</b>	
NVIDIA G-SYNC	✓	Package width	90 mm
<b>Audio</b>		Package depth	465 mm
Audio system	Dolby Atmos	Package height	335 mm
Number of built-in speakers	2	Package weight	2.86 kg
Built-in microphone	✓	<b>Logistics data</b>	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



4711387397831



0197105397835



197105397835

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.