## ASUS ROG Strix G16 G614JIR-N4050W-BE Intel® Core™ i9 i9-14900HX Laptop 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Grey

## Brand : ASUS

Product family: ROG

Product code: 90NR0IG5-M002J0

Product name : G614JIR-N4050W-BE

- Windows 11 Home 64-bit

- Intel Core i9-14900HX (36MB Cache, 2.2GHz)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 4070 (8GB GDDR6)
- 16GB (5600MHz) DDR5-SDRAM & 1000GB SSD

Intel Core i9-14900HX (36MB Cache, 2.2GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

## ASUS ROG Strix G16 G614JIR-N4050W-BE Intel® Core™ i9 i9-14900HX Laptop 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Grey:

Game with confidence thanks to Windows 11 Pro and the raw horsepower of the 2024 Strix G16. Powered by an Intel® Core<sup>™</sup> i9 Processor 14900HX and up to an NVIDIA GeForce RTX 4080 Laptop GPU boasting a max TGP of 175W with Dynamic Boost, be ready to dominate the competition in all of the latest games. Backed up with a dedicated MUX Switch and NVIDIA Advanced Optimus, the Strix G16 unlocks the true potential of its hardware. With PCIe Gen4x4 SSD storage and up to 32GB of 5600MHz DDR5 RAM, large game libraries and intense multitasking sessions are a breeze for this gaming machine.

Design		Camera	
Colour name	lour name Eclipse Gray oduct type * Laptop oduct colour * Black, Grey rm factor * Clamshell	Front camera HD type	HD
Product type *		Network	
Product colour * Form factor * Market positioning		Top Wi-Fi standard * Wi-Fi standards	Wi-Fi 6E (802.11ax) Wi-Fi 6E (802.11ax)
Display		Mobile network connection * Antenna type	× 2x2
Display diagonal * Display resolution * Touchscreen * HD type	play diagonal * 40.6 cm (16") play resolution * 2560 x 1600 pixels ichscreen * <b>x</b> type WQXGA	Ethernet LAN Ethernet LAN data rates Bluetooth Bluetooth version	✓ 10,100,1000 Mbit/s ✓ 5.3
Panel type	IPS	Ports & interfaces	
Native aspect ratio Anti-glare screen Display brightness RGB colour space Colour gamut Display response rise/fall Maximum refresh rate Contrast ratio (typical) High Dynamic Range (HDR) supported High Dynamic Range (HDR) technology	ylare screen ay brightness 500 cd/m² colour space DCI-P3 ar gamut 100% ay response rise/fall 3 ms num refresh rate 240 Hz ast ratio (typical) 1200:1 Dynamic Range (HDR) Dynamic Range (HDR) Dolby Vision	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version Thunderbolt 4 ports quantity Intel® Thunderbolt 4 Combo headphone/mic port Power adapter barrel connector	2 1 1 1 2.1 1 ✓ ✓
Processor		USB Type-C DisplayPort Alternate	1
Processor manufacturer * Processor family * Processor generation	Intel Intel® Core™ i9 Intel® Core™ i9 (14th gen)	Mode Performance Motherboard chipset	Intel HM770 Express
Processor model *	i9-14900HX	Keyboard	·
Processor cores	24	Pointing device	Touchpad



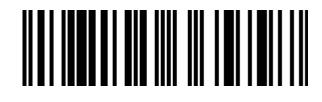


Processor		Keyboard	
Processor boost frequency Processor frequency * Processor cache Processor cache type	5.8 GHz 2.2 GHz 36 MB Smart Cache	Keyboard layout Keyboard language Numeric keypad *	AZERTY Belgian X
	Smart cache	Keyboard backlit	
Memory	14.00	Keyboard backlit colour Keyboard backlit zone	RGB 4-zone RGB
Internal memory * Internal memory type	16 GB DDR5-SDRAM	Software	4-20HC ROB
Memory clock speed	5600 MHz		
Memory form factor	SO-DIMM	Operating system architecture	64-bit 1-month trial for new Microsoft 365
Memory slots	2x SO-DIMM	Trial software	customers. Credit card required.
Maximum internal memory *	32 GB	Operating system installed *	Windows 11 Home
Memory channelsDual-channelStorageI TBTotal storage capacity *1 TBStorage media *SSDTotal SSDs capacity1 TB	1 TB SSD 1 TB	Bundled software	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Number of SSDs installed	1	Battery	
SSD interface P NVMe SSD form factor M	1 TB PCI Express 4.0 ✓ M.2 ×	Battery technology Number of battery cells Battery capacity * Fast charging	Lithium-Ion (Li-Ion) 4 90 Wh ✔
Card reader integrated	×	Fast charging time (50%)	30 min
Graphics		Power	
Discrete GPU manufacturerNVIDIADiscrete graphics card model *NVIDIA GeForce RTX *Discrete graphics card memory8 GBDiscrete graphics memory typeGDDR6On-board graphics card *•Discrete graphics card *•	NVIDIA GeForce RTX 4070 8 GB GDDR6 🗸	AC adapter power AC adapter frequency AC adapter input voltage AC adapter output current AC adapter output voltage DC-in jack USB Power Delivery (USB PD) *	280 W 50 - 60 Hz 100 - 240 V 14 A 20 V ✓
On-board graphics card family On-board graphics card model *	Intel® UHD Graphics Intel® UHD Graphics	Security	
NVIDIA G-SYNC		Trusted Platform Module (TPM)	1
	•	Password protection	1
Audio		Password protection type	BIOS, User
Audio system Number of built-in speakers	Smart Amp 2	Sustainability	
Built-in microphone	2 V	Sustainability compliance	1
Camera		Sustainability certificates	ENERGY STAR
Front camera	1	Weight & dimensions	
Front camera resolution	1280 x 720 pixels	Width Depth Height (front) Height (rear) Woight *	354 mm 264 mm 2.26 cm 3.04 cm

Weight \*

2.5 kg





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