

# ASUS ROG Strix G18 G814JIR-N6003W Intel® Core™ i9 i9-14900HX Laptop 45.7 cm (18") 2.5K 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: ROG

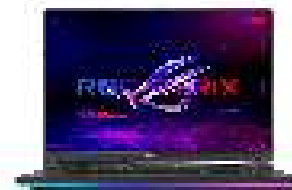
Product code: 90NR0ID6-M002C0

Product name : G814JIR-N6003W

ROG Strix G18 G814JIR-N6003W Intel Core i9-14900HX (36MB Cache, 2.2GHz), 32GB DDR5-SDRAM, 1000GB SSD, 45.7 cm (18") 2.5K 2560 x 1600 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

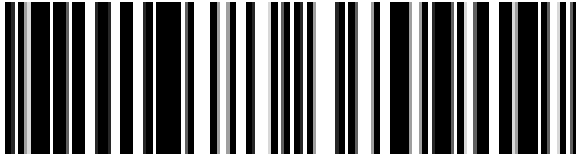
ASUS ROG Strix G18 G814JIR-N6003W Intel® Core™ i9 i9-14900HX Laptop 45.7 cm (18") 2.5K 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey:

Game with confidence thanks to Windows 11 Home and the raw horsepower of the 2024 Strix G18. Powered by an Intel® Core™ 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 G18 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.

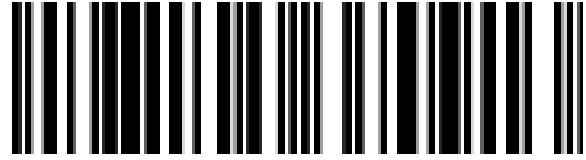


Design		Camera	
Colour name	Eclipse Gray	Front camera	✓
Product type *	Laptop	Front camera resolution	1280 x 720 pixels
Product colour *	Grey	Front camera HD type	HD
Form factor *	Clamshell	Network	
Housing material	Aluminium, Plastic	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Introduction year	2024	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	45.7 cm (18")	Ethernet LAN	✓
Display resolution *	2560 x 1600 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	2.5K	Bluetooth version	5.3
Panel type	IPS	Ports & interfaces	
LED backlight	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Native aspect ratio	16:10	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display surface	Matt	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 ports quantity	1
Colour gamut	100%	Thunderbolt 4 ports quantity	1
Display response rise/fall	3 ms	Intel® Thunderbolt 4	✓
Maximum refresh rate	240 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	1000:1	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	✓
Processor		Keyboard	
Processor manufacturer *	Intel	Pointing device	Touchpad
Processor family *	Intel® Core™ i9	Keyboard layout	AZERTY
Processor generation	13th gen Intel® Core™ i9	Keyboard language	Belgian
Processor model *	i9-14900HX	Numeric keypad *	✓
Processor cores	24	Keyboard backlight	✓
Processor boost frequency	5.8 GHz		
Processor frequency *	2.2 GHz		

<b>Processor</b>		<b>Keyboard</b>	
Processor cache	36 MB	Keyboard backlit colour	RGB
<b>Memory</b>		Keyboard backlit zone	Per-key RGB
Internal memory *	32 GB	<b>Software</b>	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory clock speed	5600 MHz	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	2 x 16 GB	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.)
Memory slots	2x SO-DIMM		
Maximum internal memory *	32 GB		
Memory channels	Dual-channel		
<b>Storage</b>		<b>Battery</b>	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	1 TB	Battery capacity *	90 Wh
Number of SSDs installed	1	Fast charging	✓
SSD capacity	1 TB	Fast charging time (50%)	30 min
SSD interface	M.2, PCI Express 4.0	<b>Power</b>	
NVMe	✓	AC adapter power	280 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Card reader integrated	✗	AC adapter output current	14 A
<b>Graphics</b>		AC adapter output voltage	20 V
Discrete GPU manufacturer	NVIDIA	<b>Security</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Cable lock slot	✗
Discrete graphics card memory	8 GB	Trusted Platform Module (TPM)	✓
Discrete graphics memory type	GDDR6	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	Intel	Password protection type	BIOS, User
Discrete graphics card *	✓	<b>Sustainability</b>	
On-board graphics card family	Intel® UHD Graphics	Sustainability compliance	✓
On-board graphics card model *	Intel® UHD Graphics	Sustainability certificates	ENERGY STAR
NVIDIA G-SYNC	✓	<b>Weight &amp; dimensions</b>	
<b>Audio</b>		Width	399 mm
Audio system	Smart Amp	Depth	294 mm
Number of built-in speakers	2	Height (front)	2.31 cm
Built-in microphone	✓	Height (rear)	3.08 cm
		Weight *	3 kg



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