ASUS ROG Strix SCAR 16 G634JZR-N4086W Intel® Core™ i9 i9-14900HX Laptop 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 **Home Black**

Brand: ASUS **Product family: ROG** Product code: 90NR0IC2-

M003S0

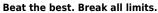
Product name: G634JZR-

N4086W

Design

Intel Core i9-14900HX (36MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Strix SCAR 16 G634JZR-N4086W Intel® Core™ i9 i9-14900HX Laptop 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Home Black:



Dominate your games with the flagship pairing of an Intel® Core™ i9 Processor 14900HX and an NVIDIA® GeForce RTX™ 4080 Laptop GPU with a max TGP of 175W, as well as a dedicated MUX Switch and NVIDIA Advanced Optimus. With dazzling 16-inch Nebula Display, paired with full-surround vents wand Tri-Fan Technology, the 2024 ROG Strix SCAR 16 and SCAR 18 are here to take the gaming world by storm.



phics	
board graphics card family board graphics card model * DIA G-SYNC	Intel® UHD Graphics Intel® UHD Graphics ✓
dio	
dio system mber of built-in speakers lt-in microphone	Dolby Atmos 2 ✓
nera	
nt camera nt camera HD type	√ HD
twork	
o Wi-Fi standard * Fi standards bile network connection * enna type ernet LAN ernet LAN data rates etooth etooth version	Wi-Fi 6E (802.11ax) Wi-Fi 6E (802.11ax) 2x2 10,100,1000,2500 Mbit/s 5.3
ts & interfaces	
3 3.2 Gen 2 (3.1 Gen 2) Type-A ts quantity 3 3.2 Gen 2 (3.1 Gen 2) Type-C ts quantity	2
ernet LAN (RJ-45) ports	1

Colour name Off Black On-board graphics card family Intel® UHD Graphics Product type * Laptop On-board graphics card model ** Intel® UHD Graphics Product colour * Black NVIDIA G-SYNC ✓ Form factor * Clamshell Audio system Dolby Atmos Market positioning 40.6 cm (16") Number of built-in speakers 2 Display diagonal * 40.6 cm (16") Built-in microphone ✓ Display today diagonal * 40.6 cm (16") Built-in microphone ✓ Touchscreen * X Front camera ✓ Touchscreen * X Front camera ✓ HD type WOXGA Front camera HD type HD LED backlight ✓ Top Wi-Fi standards Wi-Fi 6E (802.11ax) Nati-glane screen ✓ Wi-Fi 6E (802.11ax) Wi-Fi 6E (802.11ax) RGB colour space DCI-P3 Mobile network connection * X RGB colour space DCI-P3 Mobile network connection * X Voroessor Intel 6 (10") Ethernet	Design		Graphics	
Market positioning Gaming Audio system Dolby Atmos Display Display 4.0.6 cm (16") Built-in microphone 2560 x 1600 pixels Camera Touchscreen * X Pront camera HD type WQXGA LED backlight V Native aspect ratio Anti-glare screen VC Display response rise/fall Maximum refresh rate DCLP3 Maximum refresh rate D100% Antenum feresh rate D100% Display response rise/fall Maximum refresh rate D100% Display response rise/fall Maximum refresh rate D100% Display response rise/fall D100%	Product type *	Laptop	On-board graphics card model *	Intel® UHD Graphics
Display Display diagonal* 40.6 cm (16") 8uilt-in microphone √ Display resolution* 2560 x 1600 pixels Touchscreen* X HD type WQXGA EED backlight √ Native aspect ratio 16:10 Anti-glare screen √ Clour gamut 100% Clour gamut 100% Antenna type 2x2 Display response rise/fall 3 ms Ethernet LAN 4 ar artes Processor Family* Intel® Core™ i9 Processor family* Intel® Core™ i9 (14th gen) Processor generation 11el® Core™ i9 (14th gen) Processor cores 24 Processor cores 24 Processor cores 24 Processor boost frequency 5.8 GHz Efficient cores 16 Efficient core base frequency 4.1 GHz Efficient-core Max Turbo Frequency Efficient-core Max Turbo Frequency Efficient-core base frequency 2.2 Gmile Core in intel® Thunderbolt 4 ports (intel intel) Efficient-core base frequency 2.2 Gmile intel® Core intel			Audio	
Display resolution * 2560 x 1600 pixels Camera Touchscreen * X Front camera ✓ HD type WQXGA Front camera HD type HD LED backlight ✓ Network Anti-glare screen ✓ Top Wi-Fi standard * Wi-Fi 6E (802.11ax) Anti-glare screen ✓ Mobile network connection * X Colour space DCI-P3 Mobile network connection * X Colour gamut 100% Antenna type 2x2 Display response rise/fall 3 ms Ethernet LAN ✓ Maximum refresh rate 240 Hz Ethernet LAN data rates 10,100,1000,2500 Mbit/s Processor Intel Bluetooth ✓ Processor family * Intel® Core™ i9 Ports & interfaces Processor generation Intel® Core™ i9 (14th gen) USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity 2 Processor model * i9-14900HX USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity 1 Processor boost frequency 5.8 GHz Ethernet LAN (R)-45) ports 1	Display	5	Number of built-in speakers	2
HD type WQXGA Front camera Front camera WD type HD LED backlight	Display resolution *	2560 x 1600 pixels	·	V
Native aspect ratio16:10NetworkAnti-glare screen✓Top Wi-Fi standard *Wi-Fi 6E (802.11ax)Display brightness500 cd/m²Wi-Fi standardsWi-Fi 6E (802.11ax)RGB colour spaceDCI-P3Mobile network connection *XColour gamut100%Antenna type2x2Display response rise/fall3 msEthernet LAN✓Maximum refresh rate240 HzEthernet LAN data rates10,100,1000,2500 Mbit/sProcessorBluetooth✓Processor manufacturer *Intel®Processor family *1ntel® Core™ i9Processor generationIntel® Core™ i9 (14th gen)USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity2Processor cores24USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity2Processor boost frequency5.8 GHzEthernet LAN (RJ-45) ports1Performance cores8HDMI ports quantity *1Efficient cores16HDMI ports quantity *1Performance-core Max Turbo5.8 GHzThunderbolt 4 ports quantity1Frequency4.1 GHzThunderbolt 4 ports quantity1Efficient-core Max Turbo Frequency4.1 GHzCombo headphnowl/mic port✓Performance-core base frequency2.2 GHzCombo headphnowl/mic port✓	HD type	WQXGA		
Display brightness500 cd/m²Wi-Fi standardsWi-Fi 6E (802.11ax)RGB colour spaceDCI-P3Mobile network connection*XColour gamut100%Antenna type2x2Display response rise/fall3 msEthernet LAN✓Maximum refresh rate240 HzEthernet LAN data rates10,100,1000,2500 Mbit/sProcessorProcessor manufacturer *IntelBluetooth✓Processor family *Intel® Core™ i9Ports & interfacesProcessor generationIntel® Core™ i9 (14th gen)USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity2Processor cores24USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity1Processor boost frequency5.8 GHzEthernet LAN (RJ-45) ports1Performance cores8HDMI ports quantity *1Performance-core Max Turbo5.8 GHzThunderbolt 4 ports quantity1Performance-core Max Turbo Frequency4.1 GHzIntel® Thunderbolt 4✓Performance-core base frequency2.2 GHzCombo headphone/mic port✓	•	•	Network	
Processor manufacturer * Intel Processor family * Intel® Core™ i9 Processor generation Intel® Core™ i9 (14th gen) Processor model * i9-14900HX Processor cores 24 Processor boost frequency 5.8 GHz Performance cores 8 Efficient cores 16 Performance-core Max Turbo Frequency 5.8 GHz Profermance-core base frequency 2.2 GHz Processor was interfaces Bluetooth version 5.3 Ports & interfaces Ports & interfaces USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity 1 Loss 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity 1 Loss 4.2 Gen 2 (3.1 Gen 2) Type-C ports quantity 1 Loss 4.2 Gen 2 (3.1 Gen 2) Type-C ports quantity 1 Loss 4.2 Gen 2 (3.1 Gen 2) Type-C por	Display brightness RGB colour space Colour gamut Display response rise/fall	500 cd/m ² DCI-P3 100% 3 ms	Wi-Fi standards Mobile network connection * Antenna type Ethernet LAN	Wi-Fi 6E (802.11ax)
Processor manufacturer * Intel® Ports & interfaces Processor family * Intel® Core™ i9 Ports & interfaces Processor generation Intel® Core™ i9 (14th gen) USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity Processor cores 24 USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Processor boost frequency 5.8 GHz Ethernet LAN (RJ-45) ports 1 Efficient cores 8 HDMI ports quantity * 1 Performance-core Max Turbo Frequency 5.8 GHz Thunderbolt 4 ports quantity 1 Efficient-core Max Turbo Frequency 4.1 GHz Intel® Thunderbolt 4 Performance-core base frequency 2.2 GHz Character and the ports and the ports in the logical por	Processor			
Processor model * i9-14900HX ports quantity Processor cores 24 USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Processor boost frequency 5.8 GHz Ethernet LAN (RJ-45) ports 1 Efficient cores 8 HDMI ports quantity * 1 Performance-core Max Turbo Frequency 5.8 GHz Thunderbolt 4 ports quantity 1 Efficient-core Max Turbo Frequency 4.1 GHz Intel® Thunderbolt 4 Performance-core base frequency 2.2 GHz Character and the sum of th				5.3
Processor boost frequency Performance cores 8 HDMI ports quantity 1 HDMI version Frequency Fefficient-core Max Turbo Frequency Fefficient-core Max Turbo Frequency Fefficient-core base frequency Performance-core base frequency 2.2 GHz ports quantity Fthernet LAN (RJ-45) ports 1 HDMI version Fundamental Poor Squantity 1 Intel® Thunderbolt 4 Combo headphone/mic port Charging a set base Poor is included	•		ports quantity	2
Performance-core Max Turbo Frequency Efficient-core Max Turbo Frequency Performance-core base frequency 2.2 GHz Thunderbolt 4 ports quantity Intel® Thunderbolt 4 Combo headphone/mic port Charging and type	Processor boost frequency Performance cores	ports quantity 5.8 GHz 8 Ethernet LAN (RJ-45) ports HDMI ports quantity *	ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity *	1 1 1
Performance-core base frequency 2.2 GHz Combo headphone/mic port	Frequency		Thunderbolt 4 ports quantity	1
	Performance-core base frequency	2.2 GHz	Combo headphone/mic port	1

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Processor		Ports & interfaces	
Processor cache Processor cache type Processor base power	36 MB Smart Cache 55 W	Power adapter barrel connector USB Type-C DisplayPort Alternate Mode	6.0 mm ✓
Maximum turbo power	157 W	USB Power Delivery	✓
Memory		Keyboard	
Internal memory * 32 GB Internal memory type DDR5-SDRAM Memory clock speed 5600 MHz Memory form factor SO-DIMM Memory layout (slots x size) 2 x 16 GB	DDR5-SDRAM 5600 MHz SO-DIMM	Pointing device Numeric keypad * Keyboard backlit Keyboard backlit colour Keyboard backlit zone	NumberPad X RGB Per-key RGB
Memory slots	2x SO-DIMM	Software	
Maximum internal memory * Memory channels Storage	64 GB Dual-channel	Operating system architecture	64-bit McAfee 30 days, Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only
Total storage capacity * 2 TB Storage media * SSD Total SSDs capacity 2 TB Number of SSDs installed 2	SD TB	Trial software	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.)
SSD capacity	1 TB	Operating system installed *	Windows 11 Home
SSD interface	PCI Express 4.0	Battery	
NVMe SSD form factor Optical drive type * Card reader integrated	M.2 X	Battery technology Number of battery cells Battery capacity * Fast charging	Lithium-Ion (Li-Ion) 4 90 Wh ✓
Graphics		Fast charging time (50%)	30 min
Discrete GPU manufacturer Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type On-board graphics card * Discrete graphics card *	NVIDIA GeForce RTX 4080 12 GB GDDR6 ✓	Power AC adapter power AC adapter frequency AC adapter input voltage AC adapter output current AC adapter output voltage	330 W 50 - 60 Hz 100 - 240 V 16.5 A 20 V
		Security	
		Trusted Platform Module (TPM) Password protection Password protection type	✓ ✓ BIOS, User
		Weight & dimensions	
		Width Depth Height (front) Height (rear) Weight *	354 mm 264 mm 2.26 cm 3.04 cm 2.55 kg





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