

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-M00350

Product name : G634JZR-N4086W



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:



Beat the best. Break all limits.

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 and Tri-Fan Technology, the 2024 ROG Strix SCAR 16 and SCAR 18 are here to take the gaming world by storm.

Design		Graphics	
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	
Market positioning	Gaming	Audio system	Dolby Atmos
Display		Number of built-in speakers	2
Display diagonal *	40.6 cm (16")	Built-in microphone	✓
Display resolution *	2560 x 1600 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	WQXGA	Front camera HD type	HD
LED backlight	✓	Network	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display brightness	500 cd/m ²	Mobile network connection *	✗
RGB colour space	DCI-P3	Antenna type	2x2
Colour gamut	100%	Ethernet LAN	✓
Display response rise/fall	3 ms	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Maximum refresh rate	240 Hz	Bluetooth	✓
Processor		Bluetooth version	5.3
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel® Core™ i9	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor generation	Intel® Core™ i9 (14th gen)	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor model *	i9-14900HX	Ethernet LAN (RJ-45) ports	1
Processor cores	24	HDMI ports quantity *	1
Processor boost frequency	5.8 GHz	HDMI version	2.1
Performance cores	8	Thunderbolt 4 ports quantity	1
Efficient cores	16	Intel® Thunderbolt 4	✓
Performance-core Max Turbo Frequency	5.8 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	4.1 GHz	Charging port type	DC-in jack
Performance-core base frequency	2.2 GHz		
Efficient-core base frequency	1.6 GHz		

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



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