

ASUS ROG Strix SCAR 16 G634JZR-N4140X Intel® Core™ i9 i9-14900HX Laptop 40.6 cm (16") WQXGA 64 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : ASUS

Product family: ROG

Product code: 90NR0IC2-M00660

Product name : G634JZR-N4140X

Intel Core i9-14900HX (36MB Cache), 64GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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The Pinnacle of Performance

Dominate the Windows 11 Pro battlefield with the ROG Strix SCAR 16. Get the drop on the competition with a lightning-fast and crystal-clear 16-inch 2.5K 240Hz Nebula display. Powered by Intel® Core™ i9 Processor 14900HX and up to NVIDIA® GeForce RTX™ 4080 Laptop GPU with a max TGP of 175W, the SCAR 16 easily handles even the most demanding games. It also comes with a dedicated MUX Switch with support for NVIDIA Advanced Optimus, enabling you to easily harness the true power of your GPU when gaming. With support for up to 64GB of DDR5 RAM and up to 4TB of PCIe Gen4x4 storage, the SCAR 16 can easily game, stream, and create content all at the same time without breaking a sweat. For the ultimate gaming laptop, look no further than the Strix SCAR 16.



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	Smart Amp
Display		Number of built-in speakers	4
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
Panel type	IPS	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/m²	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	✓
Contrast ratio (typical)	1200:1	Bluetooth version	5.3
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor family *	Intel® Core™ i9	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor generation	Intel Core i9-14xxx	Ethernet LAN (RJ-45) ports	1
Processor model *	i9-14900HX	HDMI ports quantity *	1
Processor cores	24	HDMI version	2.1
Processor boost frequency	5.8 GHz	Thunderbolt 4 ports quantity	1
Performance cores	8	Intel® Thunderbolt 4	✓
Efficient cores	16	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.8 GHz		
Efficient-core Max Turbo Frequency	4.1 GHz		

Processor		Ports & interfaces		
Performance-core base frequency	2.2 GHz	Charging port type	DC-in jack	
Efficient-core base frequency	1.6 GHz	Power adapter barrel connector	6.0 mm	
Processor cache	36 MB	USB Type-C DisplayPort Alternate Mode	✓	
Processor cache type	Smart Cache	USB Power Delivery	✓	
Processor base power	55 W	Performance		
Maximum turbo power	157 W	Motherboard chipset	Intel HM770 Express	
Memory		Keyboard		
Internal memory *	64 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 32 GB	Keyboard backlit zone	Per-key RGB	
Memory slots	2x SO-DIMM	Software		
Maximum internal memory *	64 GB	Operating system architecture	64-bit	
Memory channels	Dual-channel	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, 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			Operating system installed *	Windows 11 Pro
Total storage capacity *	1 TB		Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)	
Total SSDs capacity	1 TB	Number of battery cells	4	
Number of SSDs installed	1	Battery capacity *	90 Wh	
SSD capacity	1 TB	Fast charging	✓	
SSD interface	PCI Express 4.0	Fast charging time (50%)	30 min	
NVMe	✓	Power		
SSD form factor	M.2	AC adapter power	330 W	
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz	
Card reader integrated	✗	AC adapter input voltage	100 - 240 V	
Graphics		AC adapter output current	16.5 A	
Discrete GPU manufacturer	NVIDIA	AC adapter output voltage	20 V	
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Security		
Discrete graphics card memory	12 GB	Trusted Platform Module (TPM)	✓	
Discrete graphics memory type	GDDR6	Password protection	✓	
On-board graphics card *	✓	Password protection type	BIOS, User	
On-board GPU manufacturer	Intel	Weight & dimensions		
Discrete graphics card *	✓	Width	354 mm	
		Depth	264 mm	
		Height (front)	2.26 cm	
		Height (rear)	3.04 cm	
		Weight *	2.55 kg	



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