

ASUS ROG Strix SCAR 16 G634JZ-N4003W Intel® Core™ i9 i9-13980HX 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: 90NR0C81-
M000F0

Product name : G634JZ-
N4003W

- Windows 11 Home 64-bit
- Intel Core i9-13980HX (36MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 4080 (12GB GDDR6)
- 32GB (4800MHz) DDR5-SDRAM (2 x 16) & 2000GB SSD
Intel Core i9-13980HX (36MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
ASUS ROG Strix SCAR 16 G634JZ-N4003W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13980HX. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4080. Operating system installed: Windows 11 Home. Product colour: Black



Design		Camera	
Product type *	Laptop	Front camera	✓
Product colour *	Black	Front camera HD type	HD
Form factor *	Clamshell	Network	
Market positioning	Gaming	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Introduction year	2023	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Country of origin	China	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	40.6 cm (16")	Ethernet LAN	✓
Display resolution *	2560 x 1600 pixels	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	WQXGA	Bluetooth version	5.3
Panel type	IPS	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
RGB colour space	DCI-P3	Ethernet LAN (RJ-45) ports	1
Colour gamut	100%	HDMI ports quantity *	1
Display response rise/fall	3 ms	HDMI version	2.1
Maximum refresh rate	240 Hz	Thunderbolt 4 ports quantity	1
High Dynamic Range (HDR) supported	✓	Intel® Thunderbolt 4	✓
High Dynamic Range (HDR) technology	Dolby Vision	Combo headphone/mic port	✓
Processor		Charging port type	DC-in jack
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel® Core™ i9	USB Power Delivery	✓
Processor generation	13th gen Intel® Core™ i9	Keyboard	
Processor model *	i9-13980HX	Pointing device	NumberPad
Processor cores	24		
Processor boost frequency	5.6 GHz		

Processor		Keyboard	
Processor cache	36 MB	Numeric keypad *	✘
Memory		Keyboard backlit	✔
Internal memory *	32 GB	Keyboard backlit colour	RGB
Internal memory type	DDR5-SDRAM	Keyboard backlit zone	Per-key RGB
Memory clock speed	4800 MHz	Software	
Memory form factor	SO-DIMM	Operating system architecture	64-bit
Memory layout (slots x size)	2 x 16 GB	Operating system installed *	Windows 11 Home
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	64 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage		Number of battery cells	4
Total storage capacity *	2 TB	Battery capacity *	90 Wh
Storage media *	SSD	Power	
Total SSDs capacity	2 TB	AC adapter power	330 W
Number of SSDs installed	2	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	16.5 A
NVMe	✔	AC adapter output voltage	20 V
SSD form factor	M.2	Security	
Optical drive type *	✘	Trusted Platform Module (TPM)	✔
Card reader integrated	✘	Password protection	✔
Graphics		Password protection type	BIOS, User
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Width	354 mm
Discrete graphics card memory	12 GB	Depth	264 mm
Discrete graphics memory type	GDDR6	Height	30.4 mm
On-board graphics card *	✔	Height (front)	2.26 cm
On-board GPU manufacturer	Intel	Height (rear)	3.04 cm
Discrete graphics card *	✔	Weight *	2.5 kg
On-board graphics card model *	Intel® UHD Graphics	Packaging data	
NVIDIA G-SYNC	✔	Package width	106 mm
Audio		Package depth	335 mm
Audio system	Smart Amp	Package height	420 mm
Number of built-in speakers	4	Package weight	5.03 kg
Built-in microphone	✔	Logistics data	
		Commodity Classification	
		Automated Tracking System (CCATS)	8471300000



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