



ASUS ROG Strix SCAR 16 G634JZ-NM041W Laptop 40.6 cm (16") WQXGA Intel® Core™ i9 i9-13980HX 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-M004X0

Product name : G634JZ-NM041W

- Windows 11 Home 64-bit
 - Intel Core i9-13980HX (36MB Cache)
 - 40.6 cm (16") WQXGA 2560 x 1600 Mini LED, NVIDIA GeForce RTX 4080 (12GB GDDR6)
 - 32GB (4800MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
- Intel Core i9-13980HX (36MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 Mini LED, Intel UHD Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
- ASUS ROG Strix SCAR 16 G634JZ-NM041W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13980HX, Processor frequency: 2.2 GHz. 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. Operating system installed: Windows 11 Home. Product colour: Black



Design		Audio	
Colour name	Off Black	Built-in microphone	✓
Product type *	Laptop	Camera	
Product colour *	Black	Front camera	✓
Form factor *	Clamshell	Front camera HD type	HD
Market positioning	Gaming	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display resolution *	2560 x 1600 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	2x2
HD type	WQXGA	Ethernet LAN	✓
Panel type	Mini LED	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Native aspect ratio	16:10	Bluetooth	✓
Anti-glare screen	✓	Bluetooth version	5.3
Display brightness	1100 cd/m ²	Ports & interfaces	
RGB colour space	DCI-P3	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Maximum refresh rate	240 Hz	Ethernet LAN (RJ-45) ports	1
Contrast ratio (typical)	100000:1	HDMI ports quantity *	1
High Dynamic Range (HDR) supported	✓	HDMI version	2.1
High Dynamic Range (HDR) technology	Dolby Vision	Thunderbolt 4 ports quantity	1
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor generation	13th gen Intel® Core™ i9	Charging port type	DC-in jack
Processor family *	Intel® Core™ i9	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	i9-13980HX	USB Power Delivery	✓
Processor frequency *	2.2 GHz		
Processor boost frequency	5.6 GHz		

Processor		Keyboard	
Processor cores	24	Pointing device	Touchpad
Processor cache	36 MB	Keyboard layout	AZERTY
Memory		Keyboard language	Belgian
Internal memory *	32 GB	Numeric keypad *	✗
Internal memory type	DDR5-SDRAM	Keyboard backlit	✓
Memory clock speed	4800 MHz	Keyboard backlit colour	RGB
Memory form factor	SO-DIMM	Keyboard backlit zone	Per-key RGB
Memory layout (slots x size)	2 x 16 GB	Island-style keyboard	✓
Maximum internal memory *	64 GB	Software	
Storage		Operating system architecture	64-bit
Total storage capacity *	2 TB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Battery	
Total SSDs capacity	2 TB	Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	1	Number of battery cells	4
SSD capacity	2 TB	Battery capacity *	90 Wh
SSD interface	PCI Express 4.0	Power	
NVMe	✓	AC adapter power	330 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	16.5 A
Graphics		AC adapter output voltage	20 V
Discrete GPU manufacturer	NVIDIA	Security	
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Password protection	✓
Discrete graphics card *	✓	Password protection type	BIOS, User
On-board graphics card model *	Intel® UHD Graphics	Weight & dimensions	
Discrete graphics card memory	12 GB	Width	354 mm
Discrete graphics memory type	GDDR6	Depth	264 mm
Audio		Height (front)	2.26 cm
Audio system	Dolby Atmos	Height (rear)	3.04 cm
Number of built-in speakers	2	Weight *	2.6 kg



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