

**ASUS ROG Strix SCAR 18 G834JY-N6005W notebook i9-13980HX
45.7 cm (18") WQXGA Intel® Core™ i9 32 GB DDR5-SDRAM 2000
GB SSD NVIDIA GeForce RTX 4090 Wi-Fi 6E (802.11ax) Windows 11
Home Black**

Brand : ASUS

Product family: ROG

Product code: G834JY-N6005W

Product name : G834JY-N6005W



- Windows 11 Home 64-bit

- Intel Core i9-13980HX (36MB Cache)

- 45.7 cm (18") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 4090 (16GB GDDR6)

- 32GB (4800MHz) DDR5-SDRAM (2 x 16) & 2000GB SSD

Intel Core i9-13980HX (36MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 45.7 cm (18") WQXGA 2560 x 1600 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4090 (16GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Strix SCAR 18 G834JY-N6005W. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13980HX. Display diagonal: 45.7 cm (18"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2000 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4090. Operating system installed: Windows 11 Home. Product colour: Black



Design		Graphics	
Colour name	Black	NVIDIA G-SYNC	✓
Product type *	Notebook	Audio	
Product colour *	Black	Audio system	Dolby Atmos
Form factor *	Clamshell	Number of built-in speakers	4
Market positioning	Gaming	Built-in microphone	✓
Introduction year	2023	Camera	
Display		Front camera	✓
Display diagonal *	45.7 cm (18")	Front camera HD type	HD
Display resolution *	2560 x 1600 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	WQXGA	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Panel type	IPS	Mobile network connection *	✗
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:10	Ethernet LAN	✓
Anti-glare screen	✓	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.2
Display response rise/fall	3 ms	Ports & interfaces	
Maximum refresh rate	240 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
High Dynamic Range (HDR) supported	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
High Dynamic Range (HDR) technology	Dolby Vision	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor generation	13th gen Intel® Core™ i9	Thunderbolt 4 ports quantity	1
Processor model *	i9-13980HX	Intel® Thunderbolt 4	✓
Processor family *	Intel® Core™ i9	Combo headphone/mic port	✓
Processor boost frequency	5.6 GHz		

Processor		Ports & interfaces	
Efficient-core boost frequency	4 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	24	USB Power Delivery	✓
Processor cache	36 MB		
Memory		Keyboard	
Internal memory *	32 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✓
Memory clock speed	4800 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	
		Operating system architecture	64-bit
		Operating system installed *	Windows 11 Home
Storage		Battery	
Total storage capacity *	2000 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	2000 GB	Battery capacity *	90 Wh
Number of SSDs installed	2		
SSD capacity	1000 GB	Power	
SSD interface	PCI Express 4.0	AC adapter power	330 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	AC adapter output current	16.5 A
Card reader integrated	✗	AC adapter output voltage	20 V
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4090	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, User
Discrete graphics card *	✓		
On-board graphics card model *	Intel® UHD Graphics	Weight & dimensions	
Discrete graphics card memory	16 GB	Width	399 mm
Discrete graphics memory type	GDDR6	Depth	294 mm
		Height (front)	2.31 cm
		Height (rear)	3.08 cm
		Weight *	3.1 kg



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