



ASUS ROG Strix SCAR 18 G834JY-N6005W Intel® Core™ i9 i9-13980HX Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: ROG

Product code: 90NR0CG1-M00070

Product name : G834JY-N6005W



UNLIMITED ACCESS FOR 3 MONTHS TO OVER 100 HIGH-QUALITY PC GAMES



- 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 Intel® Core™ i9 i9-13980HX Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 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™ i9-13980HX processor and an NVIDIA® GeForce RTX™ 4090 Laptop GPU with a max TGP of 175W, as well as a dedicated MUX Switch and NVIDIA Advanced Optimus. With all new 16- and 18-inch screens, an ROG Nebula HDR Display for the first time, and full-surround vents with Tri-Fan Technology, the 2023 ROG Strix SCAR 16 and SCAR 18 are here to take the gaming world by storm.



Design		Graphics	
Colour name	Black	On-board graphics card model *	Intel® UHD Graphics
Product type *	Laptop	NVIDIA G-SYNC	✓
Product colour *	Black	Audio	
Form factor *	Clamshell	Audio system	Dolby Atmos
Market positioning	Gaming	Number of built-in speakers	4
Introduction year	2023	Built-in microphone	✓
Display		Camera	
Display diagonal *	45.7 cm (18")	Front camera	✓
Display resolution *	2560 x 1600 pixels	Front camera HD type	HD
Touchscreen *	✗	Network	
HD type	WQXGA	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Panel type	IPS	Wi-Fi standards	Wi-Fi 6E (802.11ax)
LED backlight	✓	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Anti-glare screen	✓	Ethernet LAN	✓
Display brightness	500 cd/m ²	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.3
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
Contrast ratio (typical)	1000:1	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
High Dynamic Range (HDR) supported	✓	Ethernet LAN (RJ-45) ports	1
High Dynamic Range (HDR) technology	Dolby Vision	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	Intel	Thunderbolt 4 ports quantity	1
Processor family *	Intel® Core™ i9	Intel® Thunderbolt 4	✓
Processor generation	13th gen Intel® Core™ i9		

Processor		Ports & interfaces	
Processor model *	i9-13980HX	Combo headphone/mic port	✓
Processor cores	24	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	5.6 GHz	USB Power Delivery	✓
Efficient-core boost frequency	4 GHz		
Processor cache	36 MB		
Memory		Performance	
Internal memory *	32 GB	Motherboard chipset	Intel HM770 Express
Internal memory type	DDR5-SDRAM	Keyboard	
Memory clock speed	4800 MHz	Pointing device	Touchpad
Memory form factor	SO-DIMM	Numeric keypad *	✓
Memory layout (slots x size)	2 x 16 GB	Keyboard backlit	✓
Memory slots	2x SO-DIMM	Keyboard backlit colour	RGB
Maximum internal memory *	64 GB	Keyboard backlit zone	Per-key RGB
Memory channels	Dual-channel	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	2	Number of battery cells	4
SSD capacity	1 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 4090	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	16 GB	Password protection	✓
Discrete graphics memory type	GDDR6	Password protection type	BIOS, User
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	Intel	Width	399 mm
Discrete graphics card *	✓	Depth	294 mm
		Height (front)	2.31 cm
		Height (rear)	3.08 cm
		Weight *	3.1 kg



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