

ASUS ROG Strix SCAR 18 G834JYR-N6102X Intel® Core™ i9 i9-14900HX Laptop 45,7 cm (18") WQXGA 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 Wi-Fi 6E (802.11ax) Windows 11 Pro Black



Brand : ASUS

Product family: ROG

Article code: 90NR0IP2-M00500

Product name : G834JYR-N6102X

ASUS ROG Strix SCAR 18 G834JYR-N6102X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-14900HX. Display diagonal: 45,7 cm (18"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 64 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 4090. Operating system installed: Windows 11 Pro. Product color: Black

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	Dolby Atmos
Display		Number of built-in speakers	4
Display diagonal *	45.7 cm (18")	Built-in microphone	✓
Display resolution *	2560 x 1600 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	WQXGA	Front camera resolution	1280 x 720 pixels
Native aspect ratio	16:10	Front camera HD type	HD
Anti-glare screen	✓	Network	
RGB colour space	DCI-P3	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Maximum refresh rate	240 Hz	Mobile network connection *	✗
High Dynamic Range (HDR) supported	✓	Antenna type	2x2
High Dynamic Range (HDR) technology	Dolby Vision	Ethernet LAN	✓
Processor		Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel® Core™ i9	Bluetooth version	5.3
Processor generation	Intel® Core™ i9 (14th gen)	Ports & interfaces	
Processor model *	i9-14900HX	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor cores	24	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor boost frequency	5.8 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	8	HDMI ports quantity *	1
Efficient cores	16	HDMI version	2.1
Performance-core Max Turbo Frequency	5.8 GHz	Thunderbolt 4 ports quantity	1
Efficient-core Max Turbo Frequency	4.1 GHz	Intel® Thunderbolt 4	✓
Performance-core base frequency	2.2 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	1.6 GHz	Charging port type	DC-in jack
Processor cache	36 MB		

Processor		Ports & interfaces	
Processor cache type	Smart Cache	Power adapter barrel connector	6.0 mm
Processor base power	55 W	USB Type-C DisplayPort Alternate Mode	✓
Maximum turbo power	157 W		
Memory		Performance	
Internal memory *	64 GB	Repairability index	8.6
Internal memory type	DDR5-SDRAM		
Memory clock speed	5600 MHz	Keyboard	
Memory form factor	SO-DIMM	Pointing device	Touchpad
Memory layout (slots x size)	2 x 32 GB	Numeric keypad *	✓
Memory slots	2x SO-DIMM	Keyboard backlit	✓
Maximum internal memory *	64 GB	Keyboard backlit colour	RGB
Storage		Software	
Total storage capacity *	2 TB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Total SSDs capacity	2 TB		
Number of SSDs installed	1	Battery	
SSD capacity	2 TB	Battery technology	Lithium-Ion (Li-Ion)
SSD interface	PCI Express 4.0	Number of battery cells	4
NVMe	✓	Battery capacity *	90 Wh
SSD form factor	M.2		
Optical drive type *	✗	Power	
Graphics		AC adapter power	330 W
Discrete graphics card model *	NVIDIA GeForce RTX 4090	AC adapter frequency	50 - 60 Hz
Discrete graphics card memory	16 GB	AC adapter input voltage	100 - 240 V
Discrete graphics memory type	GDDR6	AC adapter output current	16.5 A
On-board graphics card *	✓	AC adapter output voltage	20 V
On-board GPU manufacturer	Intel	USB Power Delivery (USB PD) *	✓
Discrete graphics card *	✓		
		Security	
		Trusted Platform Module (TPM)	✓
		Password protection	✓
		Password protection type	BIOS, User
		Weight & dimensions	
		Width	399 mm
		Depth	294 mm
		Height (front)	2.31 cm
		Height (rear)	3.08 cm
		Weight *	3.1 kg



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