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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 Product type * Product colour *	Off Black Laptop Black	On-board graphics card family On-board graphics card model * NVIDIA G-SYNC	Intel® UHD Graphics Intel® UHD Graphics
Form factor * Market positioning	Clamshell Gaming	Audio	
Display		Audio system Number of built-in speakers	Dolby Atmos 4
Display diagonal * Display resolution *	45.7 cm (18") 2560 x 1600 pixels	Built-in microphone	1
Touchscreen *	×	Camera	
HD type	WQXGA	Front camera	1
Native aspect ratio	16:10	Front camera resolution	1280 x 720 pixels
Anti-glare screen	1	Front camera HD type	HD
RGB colour space	DCI-P3	Network	
Colour gamut	100%	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Maximum refresh rate	240 Hz	Wi-Fi standards	Wi-Fi 6E (802.11ax)
High Dynamic Range (HDR) supported	1	Mobile network connection *	×
High Dynamic Range (HDR) technology	Dolby Vision	Antenna type Ethernet LAN	2x2
		Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Processor		Bluetooth	•
Processor manufacturer * Processor family *	Intel 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	2
Processor cores	24	ports quantity	2
Processor boost frequency	5.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Performance cores	8	Ethernet LAN (RJ-45) ports	1
Efficient cores	16	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	5.8 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	4.1 GHz	Thunderbolt 4 ports quantity	1
Performance-core base frequency	2.2 GHz	Intel® Thunderbolt 4	1
Efficient-core base frequency	1.6 GHz	Combo headphone/mic port	1
Processor cache	36 MB	Charging port type	DC-in jack

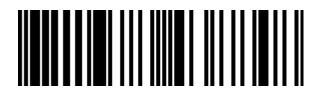
Processor		Ports & interfaces	
Processor cache type	Smart Cache	Power adapter barrel connector	6.0 mm
Processor base power	55 W	USB Type-C DisplayPort Alternate	1
Maximum turbo power	157 W	Mode	
Memory		Performance	
Internal memory * Internal memory type	64 GB DDR5-SDRAM	Repairability index	8.6
		Keyboard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

Height (rear)

Weight *

3.08 cm

3.1 kg



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