



ASUS ROG Strix SCAR 18 G834JYR-R6019W Intel® Core™ i9 i9-14900HX 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: 90NR0IP2-M000R0

Product name : G834JYR-R6019W

Intel Core i9-14900HX (36MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 45.7 cm (18") WQXGA 2560 x 1600 Mini LED, Intel UHD Graphics, NVIDIA GeForce RTX 4090 (16GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Strix SCAR 18 G834JYR-R6019W Intel® Core™ i9 i9-14900HX 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 Processor 14900HX 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 dazzling 18-inch Nebula HDR Display with Mini LED and over 2000 dimming zones, paired with full-surround vents and Tri-Fan Technology, the 2024 ROG Strix SCAR 18 and SCAR 18 are here to take the gaming world by storm.



Design		Graphics	
Colour name	Off Black	Discrete graphics memory type	GDDR6
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Black	Discrete graphics card *	✓
Form factor *	Clamshell	On-board graphics card family	Intel® UHD Graphics
Market positioning	Gaming	On-board graphics card model *	Intel® UHD Graphics
Display		NVIDIA G-SYNC	✓
Display diagonal *	45.7 cm (18")	Audio	
Display resolution *	2560 x 1600 pixels	Audio system	Dolby Atmos
Touchscreen *	✗	Number of built-in speakers	2
HD type	WQXGA	Built-in microphone	✓
Panel type	Mini LED	Camera	
Native aspect ratio	16:10	Front camera	✓
Anti-glare screen	✓	Front camera HD type	HD
Display brightness	1100 cd/m ²	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)
Display response rise/fall	3 ms	Mobile network connection *	✗
Maximum refresh rate	240 Hz	Antenna type	2x2
High Dynamic Range (HDR) supported	✓	Ethernet LAN	✓
High Dynamic Range (HDR) technology	Dolby Vision	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.3
Processor family *	Intel® Core™ i9	Ports & interfaces	
Processor generation	Intel Core i9-14xxx	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor model *	i9-14900HX	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cores	24	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	5.8 GHz	HDMI ports quantity *	1
Performance cores	8	HDMI version	2.1
Efficient cores	16	Thunderbolt 4 ports quantity	1
Performance-core Max Turbo Frequency	5.8 GHz		

Processor		Ports & interfaces	
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	USB Type-C DisplayPort Alternate Mode	✓
Processor cache type	Smart Cache	USB Power Delivery	✓
Processor base power	55 W	Keyboard	
Maximum turbo power	157 W	Pointing device	Touchpad
Memory		Numeric keypad *	✓
Internal memory *	32 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit colour	RGB
Memory clock speed	4800 MHz	Keyboard backlit zone	Per-key RGB
Memory form factor	SO-DIMM	Software	
Memory layout (slots x size)	2 x 16 GB	Operating system architecture	64-bit
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	64 GB	Battery	
Memory channels	Dual-channel	Battery technology	Lithium-Ion (Li-Ion)
Storage		Number of battery cells	4
Total storage capacity *	2 TB	Battery capacity *	90 Wh
Storage media *	SSD	Power	
Total SSDs capacity	2 TB	AC adapter power	330 W
Number of SSDs installed	2	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	16.5 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	Security	
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✗	Password protection	✓
Graphics		Password protection type	BIOS, User
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 4090	Width	399 mm
Discrete graphics card memory	16 GB	Depth	294 mm
		Height (front)	2.31 cm
		Height (rear)	3.08 cm
		Weight *	3.1 kg



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