

ASUS ROG Strix SCAR 18 G835LX-SA002W Intel Core Ultra 9 275HX Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Home Black QWERTZ German

Brand : ASUS

Product family: ROG

Product code: 90NR0LF1-M00150

Product name : G835LX-SA002W



- Windows 11 Home 64-bit
 - Intel Core Ultra 9 275HX (36MB Cache)
 - 45.7 cm (18") WQXGA 2560 x 1600 Mini LED, NVIDIA GeForce RTX 5090 (24GB GDDR7)
 - 32GB (5600MHz) DDR5-SDRAM & 1000GB SSD
 Intel Core Ultra 9 275HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 45.7 cm (18") WQXGA 2560 x 1600 Mini LED, Intel Graphics, NVIDIA GeForce RTX 5090 (24GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Strix SCAR 18 G835LX-SA002W Intel Core Ultra 9 275HX Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Home Black QWERTZ German:

ROG STRIX SCAR 18

Victory, accelerated.

Game with the greatest, backed up by the power of up to Intel® Core™ Ultra 9 processor 275HX. With 8 Performance and 16 Efficient cores, this next-gen silicon can drive high framerates in esports and AAA games alike. The SCAR 18 also has access to AI acceleration in select content creation apps, giving you incredible flexibility on how you can utilize your gaming machine.

Design		Graphics	
Colour name	Off Black	On-board graphics card family	Intel® Graphics
Product type *	Laptop	On-board graphics card model *	Intel® 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 HD type	Full HD
Panel type	Mini LED	Infrared (IR) camera	✓
Native aspect ratio	16:10	Network	
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display brightness	1200 cd/m ²	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display diagonal (metric)	45.7 cm	Mobile network connection *	✗
RGB colour space	DCI-P3	Antenna type	2x2
Colour gamut	100%	Ethernet LAN	✓
Maximum refresh rate	240 Hz	Ethernet LAN data rates	2500 Mbit/s
High Dynamic Range (HDR) technology	Dolby Vision	Bluetooth	✓
Processor		Bluetooth version	5.4
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel Core Ultra 9	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Processor generation	Intel Core Ultra (Series 2)	Ethernet LAN (RJ-45) ports	1
Processor model *	275HX	HDMI ports quantity *	1
Processor cores	24	HDMI version	2.1
Processor threads	24		
Processor boost frequency	5.4 GHz		

Processor		Ports & interfaces	
Performance cores	8	Thunderbolt 5 ports quantity	2
Efficient cores	16	Intel® Thunderbolt 5	✓
Performance-core Max Turbo Frequency	5.4 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	4.6 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance-core base frequency	2.7 GHz	Performance	
Efficient-core base frequency	2.1 GHz	Motherboard chipset	Intel HM870 Express
Processor cache	36 MB	Repairability index	9.9
Processor base power	55 W	Keyboard	
Maximum turbo power	160 W	Pointing device	Touchpad
Neural processor unit (NPU)		Numeric keypad *	✓
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit	✓
Sparsity support	✓	Keyboard backlit colour	RGB
Windows Studio effects support	✓	Keyboard backlit zone	Per-key RGB
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Keyboard layout	QWERTZ
Total processor performance up to	36 TOPs	Keyboard language	German
NPU performance up to	13 TOPs	Software	
GPU performance up to	8 TOPs	Operating system architecture	64-bit
Memory		Trial software	Microsoft 365 (30-day trial)
Internal memory *	32 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	Battery	
Memory clock speed	5600 MHz	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	SO-DIMM	Number of battery cells	4
Memory slots	2x SO-DIMM	Battery capacity *	90 Wh
Maximum internal memory *	64 GB	Power	
Memory channels	Dual-channel	AC adapter power	380 W
Storage		AC adapter frequency	50 - 60 Hz
Total storage capacity *	1 TB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	19 A
Total SSDs capacity	1 TB	AC adapter output voltage	20 V
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	1 TB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Windows Hello	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Password protection	✓
Graphics		Password protection type	BIOS, User
Discrete graphics card model *	NVIDIA GeForce RTX 5090	Weight & dimensions	
Discrete graphics card memory	24 GB	Width	399 mm
Discrete graphics memory type	GDDR7	Depth	298 mm
On-board graphics card *	✓	Height (front)	2.35 cm
On-board GPU manufacturer	Intel	Height (rear)	3.2 cm
Discrete graphics card *	✓	Weight *	3.3 kg
		Packaging data	
		Package width	490 mm
		Package depth	106 mm
		Package height	355 mm
		Package weight	3.55 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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