

ASUS ROG Strix SCAR 18 G835LX-SA003W Intel Core Ultra 9 275HX Computer portatile 45,7 cm (18") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Home Nero

Marchio : ASUS

Famiglia del prodotto: ROG

Codice prodotto: 90NR0LF1-
M004N0

Nome del prodotto : G835LX-
SA003W



18", 2.5K (2560 x 1600, WQXGA) 16:10 aspect ratio, Intel Core Ultra 9 Processor 275HX 2.7 GHz (36MB Cache, up to 5.4 GHz, 24 cores, 24 Threads) Intel AI Boost NPU up to 13TOPS, 39.9 x 29.8 x 2.35 ~ 3.20 cm

ASUS ROG Strix SCAR 18 G835LX-SA003W. Tipo di prodotto: Computer portatile, Fattore di forma: Clamshell. Famiglia processore: Intel Core Ultra 9, Modello del processore: 275HX. Dimensioni diagonale schermo: 45,7 cm (18"), Tipologia HD: WQXGA, Risoluzione del display: 2560 x 1600 Pixel. RAM installata: 32 GB, Tipo di RAM: DDR5-SDRAM. Capacità totale di archiviazione: 2 TB, Supporto di memoria: SSD. Modello scheda grafica integrata: Intel Graphics, Scheda grafica dedicata: NVIDIA GeForce RTX 5090. Sistema operativo incluso: Windows 11 Home. Colore del prodotto: Nero

Design		Graphics	
Colour name	Off Black	On-board graphics card *	✓
Product type *	Laptop	On-board GPU manufacturer	Intel
Product colour *	Black	Discrete graphics card *	✓
Form factor *	Clamshell	On-board graphics card family	Intel Graphics
Housing material	Plastic	On-board graphics card model *	Intel Graphics
Market positioning	Gaming	NVIDIA G-SYNC	✓
Display		Audio	
Display diagonal *	45.7 cm (18")	Audio system	Dolby Atmos
Display resolution *	2560 x 1600 pixels	Number of built-in speakers	4
Touchscreen *	✗	Built-in microphone	✓
HD type	WQXGA	Camera	
Panel type	Mini LED	Front camera	✓
Native aspect ratio	16:10	Front camera HD type	Full HD
Anti-glare screen	✓	Infrared (IR) camera	✓
Display brightness	1200 cd/m²	Network	
RGB colour space	DCI-P3	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 7 (802.11be)
Maximum refresh rate	240 Hz	Mobile network connection *	✗
Contrast ratio (typical)	100000:1	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	5.4
Processor family *	Intel Core Ultra 9	Ports & interfaces	
Processor generation	Intel Core Ultra (Series 2)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Processor model *	275HX	Ethernet LAN (RJ-45) ports	1
Processor cores	24	HDMI ports quantity *	1
Processor threads	24	HDMI version	2.1
Processor boost frequency	5.4 GHz	Thunderbolt 5 ports quantity	2
Performance cores	8	Intel® Thunderbolt 5	✓
Efficient cores	16	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.4 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core Max Turbo Frequency	4.6 GHz		
Performance-core base frequency	2.7 GHz		

Processor		Performance	
Efficient-core base frequency	2.1 GHz	Motherboard chipset	Intel HM870 Express
Processor cache	36 MB	Keyboard	
Neural processor unit (NPU)		Pointing device	Touchpad
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✓
NPU performance up to	13 TOPs	Keyboard backlit	✓
Memory		Keyboard backlit colour	RGB
Internal memory *	32 GB	Keyboard backlit zone	Per-key RGB
Internal memory type	DDR5-SDRAM	Copilot key	✓
Memory clock speed	5600 MHz	Software	
Memory form factor	SO-DIMM	Trial software	1-month trial for new Microsoft 365 customers.
Memory layout (slots x size)	2 x 16 GB	Operating system installed *	Windows 11 Home
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	64 GB	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	380 W
Number of SSDs installed	1	AC adapter frequency	50-60 Hz
SSD capacity	2 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	19 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Windows Hello	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5090	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	24 GB	Password protection	✓
Discrete graphics memory type	GDDR7	Password protection type	BIOS, User
		Weight & dimensions	
		Width	399 mm
		Depth	298 mm
		Height (front)	2.35 cm
		Height (rear)	3.2 cm
		Weight *	3.3 kg



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