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-

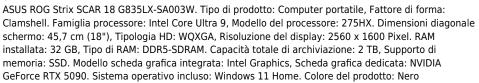
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Nome del prodotto: G835LX-

Performance-core base frequency

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 Al Boost NPU up to 13TOPS, $39.9 \times 29.8 \times 2.35 \sim 3.20$ cm





Design		Graphics	
Colour name Product type * Product colour * Form factor * Housing material Market positioning	Off Black Laptop Black Clamshell Plastic Gaming	On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model * NVIDIA G-SYNC	Intel Intel Graphics Intel Graphics
Display		Audio	
Display diagonal * 45.7 cm (18") Display resolution * 2560 x 1600 pixels Touchscreen * X HD type WQXGA	2560 x 1600 pixels	Audio system Number of built-in speakers Built-in microphone	Dolby Atmos 4
Panel type	Mini LED	Camera	
Native aspect ratio Anti-glare screen Display brightness	16:10 ✓ 1200 cd/m²	Front camera Front camera HD type Infrared (IR) camera	✓ Full HD ✓
RGB colour space	DCI-P3	Network	
Colour gamut Maximum refresh rate Contrast ratio (typical) High Dynamic Range (HDR) supported High Dynamic Range (HDR) technology	100% 240 Hz 100000:1 ✓ Dolby Vision	Top Wi-Fi standard * Wi-Fi standards Mobile network connection * Antenna type Ethernet LAN	Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be) x 2x2 ✓
Processor		Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Processor manufacturer *	Intel	Bluetooth Bluetooth version	5.4
Processor family *	Intel Core Ultra 9	Ports & interfaces	
Processor generation Processor model * Processor cores Processor threads Processor boost frequency Performance cores Efficient cores Performance-core Max Turbo Frequency	Intel Core Ultra (Series 2) 275HX 24 24 5.4 GHz 8 16 5.4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version Thunderbolt 5 ports quantity Intel® Thunderbolt 5 Combo headphone/mic port	3 1 1 2.1 2 ✓
Efficient-core Max Turbo Frequency Performance-core hase frequency		USB Type-C DisplayPort Alternate Mode	✓

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 Al Boost	Numeric keypad *	✓
NPU performance up to	13 TOPs	Keyboard backlit	✓
Memory		Keyboard backlit colour	RGB
Internal memory * Internal memory type Memory clock speed Memory form factor Memory layout (slots x size) Memory slots Maximum internal memory *	32 GB DDR5-SDRAM 5600 MHz SO-DIMM 2 x 16 GB 2x SO-DIMM 64 GB	Keyboard backlit zone	Per-key RGB
		Copilot key	✓
		Software	
		Trial software	1-month trial for new Microsoft 365 customers.
		Operating system installed *	Windows 11 Home
Maximum internal memory *	64 GB	Battery	
Storage	2 TB SSD 2 TB 1 2 TB PCI Express 4.0	Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *		Number of battery cells	4
Storage media * Total SSDs capacity		Battery capacity *	90 Wh
Number of SSDs installed		Power	
SSD capacity SSD interface NVMe		AC adapter power	380 W
		AC adapter frequency	50-60 Hz
		AC adapter input voltage AC adapter output current	100 - 240 V 19 A
SSD form factor	M.2	AC adapter output voltage	20 V
Optical drive type *	×	USB Type-C charging port *	✓
Graphics		USB Power Delivery (USB PD)	✓
Discrete GPU manufacturer Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type	NVIDIA NVIDIA GeForce RTX 5090 24 GB GDDR7	Security	
		Windows Hello	✓
		Trusted Platform Module (TPM)	·
		Password protection	·
		Password protection type	BIOS, User
		Weight & dimensions	2.00,000
		Width	399 mm
		Depth	298 mm
		Height (front)	2.35 cm
		Height (rear)	3.2 cm
		Weight *	3.3 kg



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