

ASUS ROG Strix SCAR 18 G835LWG-TQ327W Intel Core Ultra 9 290HX Plus Laptop 45.7 cm (18") 4K Ultra HD 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5080 Wi-Fi 7 (802.11be) Windows 11 Home Black AZERTY Belgian



Brand : ASUS

Product family: ROG

Product code: 90NR0LI1-M00EW0

Product name : G835LWG-TQ327W

- Windows 11 Home 64-bit
- Intel Core Ultra 9 290HX Plus (36MB Cache)
- 18" 4K Ultra HD 3840 x 2400 Mini LED, NVIDIA GeForce RTX 5080 (16GB GDDR7)
- 32GB (6400MHz) DDR5-SDRAM (1 x 32) & 2000GB SSD
Intel Core Ultra 9 290HX Plus (36MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 18" 4K Ultra HD 3840 x 2400 Mini LED, Intel Graphics, NVIDIA GeForce RTX 5080 (16GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Strix SCAR 18 G835LWG-TQ327W Intel Core Ultra 9 290HX Plus Laptop 45.7 cm (18") 4K Ultra HD 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5080 Wi-Fi 7 (802.11be) Windows 11 Home Black AZERTY Belgian:

Victory, accelerated

The 2026 Strix SCAR 18 offers the very best Windows 11 Pro gaming experience, featuring an Intel® Core™ Ultra 9 290HX Plus processor and up to an NVIDIA® GeForce RTX™ 5090 Laptop GPU. Both the memory and storage are user-upgradeable, supporting up to 128GB (64+64) of DDR5-6400 memory and 8TB (4+4) of ultra-fast SSD space. A user-friendly tool-less design allows for easy upgrades to both the memory and SSD slots, letting you grow your game library without a hassle for years.

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	Total Graphics Power (TGP)	175 W
Form factor *	Clamshell	NVIDIA G-SYNC	✓
Housing material	Plastic	Audio	
Display back cover material	Plastic	Audio system	Smart Amp
Market positioning	Gaming	Built-in microphone	✓
Introduction year	2026	Camera	
Display		Front camera	✓
Display diagonal *	45.7 cm (18")	Front camera resolution	1920 x 1080 pixels
Display resolution *	3840 x 2400 pixels	Front camera HD type	Full HD
Touchscreen *	✗	Infrared (IR) camera	✓
HD type	4K Ultra HD	Network	
Panel type	Mini LED	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
LED backlight	✓	Wi-Fi standards	Wi-Fi 7 (802.11be)
Native aspect ratio	16:10	Mobile network connection *	✗
Anti-glare screen	✓	Antenna type	2x2
Maximum display brightness (HDR)	1600 cd/m²	Ethernet LAN	✓
RGB colour space	DCI-P3	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Colour gamut	100%	Bluetooth	✓
Maximum refresh rate	240 Hz	Bluetooth version	5.4
Contrast ratio (typical)	100000:1	Ports & interfaces	
High Dynamic Range (HDR) supported	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Processor		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor family *	Intel Core Ultra 9	HDMI version	2.1
Processor generation	Intel Core Ultra (Series 2)		

Processor		Ports & interfaces	
Processor model *	290HX Plus	Thunderbolt 5 ports quantity	2
Processor cores	24	Intel® Thunderbolt 5	✓
Processor threads	24	Combo headphone/mic port	✓
Processor boost frequency	5.5 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance cores	8		
Efficient cores	16		
Performance-core Max Turbo Frequency	5.5 GHz		
Efficient-core Max Turbo Frequency	4.7 GHz		
Performance-core base frequency	2.7 GHz		
Efficient-core base frequency	1.8 GHz		
Processor cache	36 MB		
Processor base power	55 W		
Maximum turbo power	160 W		
Neural processor unit (NPU)		Performance	
Neural processor unit (NPU)	Intel AI Boost	Motherboard chipset	Intel HM870 Express
Sparsity support	✓	Repairability index	9.4
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		
Total processor performance up to	36 TOPs		
NPU performance up to	13 TOPs		
GPU performance up to	8 TOPs		
Memory		Keyboard	
Internal memory *	32 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✓
Memory clock speed	6400 MHz	Keyboard backlit	✓
Memory form factor	SO-DIMM	Keyboard backlit colour	RGB
Memory layout (slots x size)	1 x 32 GB	Keyboard backlit zone	Per-key RGB
Memory slots	2x SO-DIMM	Keyboard layout	AZERTY
Maximum internal memory *	128 GB	Keyboard language	Belgian
Memory channels	Dual-channel	Copilot key	✓
Storage		Software	
Total storage capacity *	2 TB	Operating system architecture	64-bit
Storage media *	SSD	Microsoft Copilot	✓
Total SSDs capacity	2 TB		
Number of SSDs installed	1	Trial software	1-month trial for new Microsoft 365 customers; McAfee 30 days free trial
SSD capacity	2 TB	Operating system installed *	Windows 11 Home
SSD interface	PCI Express 4.0		Xbox Game Pass Premium 2 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Card reader integrated	✗		
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card model *	NVIDIA GeForce RTX 5080	Number of battery cells	4
Discrete graphics card memory	16 GB	Battery capacity *	90 Wh
Discrete graphics memory type	GDDR7	Fast charging	✓
On-board graphics card *	✓	Fast charging time (50%)	30 min
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓		
		Power	
		AC adapter power	450 W
		AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
		AC adapter output current	21.45 A
		AC adapter output voltage	21 V
		USB Type-C charging port *	✓
		USB Type-C required charging power (min) *	45 W
		USB Type-C required charging power (max) *	100 W
		USB Power Delivery (USB PD)	✓
		Security	
		Face recognition	✓
		Windows Hello	✓
		Trusted Platform Module (TPM)	✓
		Password protection	✓
		Password protection type	BIOS, User
		Weight & dimensions	
		Width	399 mm

Weight & dimensions	
Depth	298 mm
Height (front)	2.35 cm
Height (rear)	3.5 cm
Weight *	3.7 kg
Packaging content	
AC adapter included *	✓



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Catalog Object Cloud



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