

ASUS ROG Strix G18 G815LW-S9134W Intel Core Ultra 9 275HX Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5080 Wi-Fi 7 (802.11be) Windows 11 Home German Green, Grey

Brand : ASUS

Product family: ROG

Product code: 90NR0LC2-M00650

Product name : G815LW-S9134W

- Windows 11 Home 64-bit
- Intel Core Ultra 9 275HX (36MB Cache)
- 45.7 cm (18") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 5080 (16GB GDDR7)
- 32GB (5600MHz) DDR5-SDRAM & 2000GB SSD

Intel Core Ultra 9 275HX (36MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 45.7 cm (18") WQXGA 2560 x 1600 IPS, Intel Graphics, NVIDIA GeForce RTX 5080 (16GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Strix G18 G815LW-S9134W Intel Core Ultra 9 275HX Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5080 Wi-Fi 7 (802.11be) Windows 11 Home German Green, Grey:

Power up

Game with confidence thanks to Windows 11 Pro and up to Intel® Core™ Ultra 9 processor 275HX. Backed up by the serious gaming muscle of up to NVIDIA® GeForce RTX™ 5080 Laptop GPU and up to 32GB of DDR5-5600 RAM, the 2025 Strix G18 has the perfect amount of power to keep you gaming at peak performance. With additional features like NVIDIA® Advanced Optimus, the latest DLSS enhancements, a 2TB PCIe Gen 4 SSD, the Strix G18 is truly a force to be reckoned with.



Design		Graphics	
Colour name	Volt Green	Discrete graphics card *	✓
Product type *	Laptop	On-board graphics card family	Intel® Graphics
Product colour *	Green, Grey	On-board graphics card model *	Intel® Graphics
Form factor *	Clamshell	NVIDIA G-SYNC	✓
Market positioning	Gaming	Audio	
Display		Audio system	Dolby Atmos
Display diagonal *	45.7 cm (18")	Number of built-in speakers	2
Display resolution *	2560 x 1600 pixels	Built-in microphone	✓
Touchscreen *	✗	Camera	
HD type	WQXGA	Front camera	✓
Panel type	IPS	Front camera HD type	Full HD
LED backlight	✓	Infrared (IR) camera	✓
Native aspect ratio	16:10	Network	
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display brightness	500 cd/m²	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
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		
Performance cores	8		

Processor	
Efficient cores	16
Performance-core Max Turbo Frequency	5.4 GHz
Efficient-core Max Turbo Frequency	4.6 GHz
Performance-core base frequency	2.7 GHz
Efficient-core base frequency	2.1 GHz
Processor cache	36 MB
Processor base power	55 W
Maximum turbo power	160 W
Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✓
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	
Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB
Storage	
Total storage capacity *	2 TB
Storage media *	SSD
Total SSDs capacity	2 TB
Number of SSDs installed	1
SSD capacity	2 TB
SSD interface	PCI Express 4.0
NVMe	✓
SSD form factor	M.2
Optical drive type *	✗
Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 5080
Discrete graphics card memory	16 GB
Discrete graphics memory type	GDDR7
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Ports & interfaces	
Thunderbolt 5 ports quantity	2
Intel® Thunderbolt 5	✓
Combo headphone/mic port	✓
USB Type-C DisplayPort Alternate Mode	✓
Performance	
Repairability index	9.9
Keyboard	
Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓
Keyboard backlit colour	RGB
Keyboard backlit zone	Per-key RGB
Keyboard layout	QWERTZ
Keyboard language	German
Software	
Operating system architecture	64-bit
Operating system installed *	Windows 11 Home
Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	90 Wh
Power	
AC adapter power	380 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	19 A
AC adapter output voltage	20 V
USB Type-C charging port *	✓
USB Power Delivery (USB PD)	✓
Security	
Windows Hello	✓
Trusted Platform Module (TPM)	✓
Password protection	✓
Password protection type	BIOS, User
Weight & dimensions	
Width	399 mm
Depth	298 mm
Height (front)	2.35 cm
Height (rear)	3.2 cm
Weight *	3.2 kg
Packaging data	
Package width	490 mm
Package depth	106 mm
Package height	355 mm
Package weight	3.45 kg
Packaging content	
AC adapter included *	✓



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Catalog Object Cloud



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