ASUS ROG Strix G18 G815LP-XS97 Intel Core Ultra 9 275HX Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 7 (802.11be) Windows 11 Pro Grey

Product code: 90NR0LK1-

M000D0

Product name: G815LP-XS97

- Windows 11 Pro 64-bit

Brand: ASUS

- Intel Core Ultra 9 275HX (36MB Cache)
- 45.7 cm (18") WQXGA 2560 x 1600 IPS-Level, NVIDIA GeForce RTX 5070 (8GB GDDR7)

Product family: ROG

- 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 2000GB SSD

Intel Core Ultra 9 275HX (36MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 45.7 cm (18") WQXGA 2560 x 1600 IPS-Level, Intel Graphics, NVIDIA GeForce RTX 5070 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Pro 64-bit

ASUS ROG Strix G18 G815LP-XS97 Intel Core Ultra 9 275HX Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 7 (802.11be) Windows 11 Pro Grey:

Victory, accelerated.

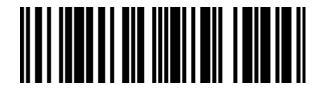
Game with confidence thanks to Windows 11 Pro and up to Intel® Core™ Ultra 9 processor 275HX. Backed up by the serious gaming muscle of up to NVIDIA® GeForce RTX™ 5080 Laptop GPU and up to 32GB of DDR5-5600 RAM, the 2025 Strix G18 has the perfect amount of power to keep you gaming at peak performance. 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.



ype	GDDR7 ✓
r	Intel ✓
nily del *	Intel Graphics Intel Graphics
	Dollay Atmos
i	Dolby Atmos 2 ✓
	1920 x 1080 pixels Full HD
*	Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be) X 2x2 10,100,1000,2500 Mbit/s 5.4

Design		Graphics	
Colour name Product type * Product colour * Form factor * Market positioning Introduction year	Eclipse Gray Laptop Grey Clamshell Gaming 2025	On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model *	GDDR7 ✓ Intel ✓ Intel Graphics Intel Graphics
Display		Audio	
Display diagonal * Display resolution * Touchscreen *	45.7 cm (18") 2560 x 1600 pixels	Audio system Number of built-in speakers Built-in microphone	Dolby Atmos 2 ✓
HD type	WQXGA IPS-Level	Camera	
Panel type Native aspect ratio Anti-glare screen RGB colour space Colour gamut Display response rise/fall	16:10 DCI-P3 100% 3 ms	Front camera Front camera resolution Front camera HD type Infrared (IR) camera	✓ 1920 x 1080 pixels Full HD
		Network	
High Dynamic Range (HDR) supported High Dynamic Range (HDR) technology	✓ Dolby Vision	Top Wi-Fi standard * Wi-Fi standards Mobile network connection *	Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be)
Processor		Antenna type	2x2
, , ,	ntel Core Ultra 9 ntel Core Ultra (Series 2)	Ethernet LAN Ethernet LAN data rates Bluetooth Bluetooth version	10,100,1000,2500 Mbit/s 5.4
Processor cores	24	Ports & interfaces	
Processor threads Processor boost frequency Performance cores Efficient cores	24 5.4 GHz 8 16	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	3 1
		Ethernet LAN (RJ-45) ports	1

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	5.4 GHz	HDMI ports quantity * HDMI version	1 2.1
Efficient-core Max Turbo Frequency		Thunderbolt 4 ports quantity	1
Performance-core base frequency	2.7 GHz 2.1 GHz	Intel® Thunderbolt 4	✓
Efficient-core base frequency		Combo headphone/mic port	✓
Processor cache	36 MB	USB Type-C DisplayPort Alternate	1
Processor base power Maximum turbo power	55 W	Mode	•
·	160 W	Keyboard	
Neural processor unit (NPU)		Pointing device	Touchpad
Neural processor unit (NPU)	Intel Al Boost	Numeric keypad *	✓
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓	Keyboard backlit colour	RGB
Al software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Keyboard backlit zone	Per-key RGB
Total processor performance up to	36 TOPs	Copilot key	✓
NPU performance up to	13 TOPs	Software	
GPU performance up to	8 TOPs	Operating system architecture	64-bit
·		Microsoft Copilot	√
Memory	22.02	Operating system installed *	Windows 11 Pro
Internal memory *	32 GB		WIIIdows 11 FIO
Internal memory type Memory clock speed	DDR5-SDRAM 5600 MHz	Battery	
Memory form factor	SO-DIMM	Battery technology	Lithium-lon (Li-lon)
Memory layout (slots x size)	2 x 16 GB	Number of battery cells	4
Memory slots	2x SO-DIMM	Battery capacity *	90 Wh
Maximum internal memory *	64 GB	Fast charging	✓
Memory channels	Dual-channel	Fast charging time (50%)	30 min
Storage		Power	
Total storage capacity *	2 TB	AC adapter power	280 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	2 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	14 A
SSD capacity	2 TB	AC adapter output voltage	20 V
SSD interface	PCI Express 4.0	USB Type-C charging port *	✓
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	Security	
Optical drive type *	×	Face recognition	✓
Graphics		Windows Hello	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA NVIDIA GeForce RTX 5070 8 GB	Password protection	√
Discrete graphics card memory		Password protection type	BIOS, User
,		Weight & dimensions	21.00, 000.
		-	200
		Width	399 mm
		Depth Height (front)	298 mm 2.35 cm
		Height (front) Height (rear)	3.2 cm
		Weight *	3.2 kg
		Packaging content	y
		. ackaging content	
		AC adapter included *	✓





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Catalog Object Cloud



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