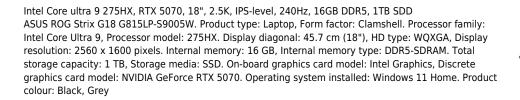
ASUS ROG Strix G18 G815LP-S9005W laptop Intel Core Ultra 9 275HX 45.7 cm (18") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 7 (802.11be) Windows 11 Home Black, Grey

Brand: ASUS **Product family: ROG** Product code: G815LP-

S9005W



S9005W







Design		Graphics	
Colour name Product type * Product colour * Form factor * Market positioning Introduction year	Eclipse Gray Laptop Black, Grey Clamshell Gaming 2025	Discrete graphics memory type 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		NVIDIA G-SYNC	✓
Display diagonal * Display resolution * Touchscreen * HD type	45.7 cm (18") 2560 x 1600 pixels X WQXGA IPS-Level 16:10 V 500 cd/m² DCI-P3 100% 3 ms 240 Hz 1000:1 V Dolby Vision	Audio Audio system Number of built-in speakers Built-in microphone	Smart Amp 2 ✓
Panel type Native aspect ratio		Camera	
Anti-glare screen Display brightness RGB colour space Colour gamut		Front camera Front camera resolution Front camera HD type Infrared (IR) camera	1920 x 1080 pixels Full HD
Display response rise/fall		Network	
Maximum refresh rate Contrast ratio (typical) High Dynamic Range (HDR) supported High Dynamic Range (HDR) technology		Top Wi-Fi standard * Wi-Fi standards Mobile network connection * Antenna type	Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be) X 2x2
Processor		Ethernet LAN Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Processor manufacturer * Processor family *	Intel Core Ultra 9 tion Intel Core Ultra (Series 2) 275HX 24 24	Bluetooth Bluetooth version	€ 5.4
Processor generation Processor model * Processor cores Processor threads Processor boost frequency		Ports & interfaces 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
Performance cores Efficient cores	8 16	Ethernet LAN (RJ-45) ports HDMI ports quantity *	1

Processor		Ports & interfaces	
Performance-core Max Turbo	5.4 GHz	HDMI version	2.1
Frequency Efficient-core Max Turbo Frequency	4.6 GHz	Thunderbolt 4 ports quantity	1
Performance-core base frequency	2.7 GHz	Intel® Thunderbolt 4	√
Efficient-core base frequency	2.1 GHz	Intel® Thunderbolt 5	✓
Processor cache	36 MB	Combo headphone/mic port	✓
Processor base power	55 W	USB Type-C DisplayPort Alternate	/
Maximum turbo power	160 W	Mode	
Neural processor unit (NPU)		Keyboard	
Neural processor unit (NPU)	Intel Al Boost	Pointing device	Touchpad
Sparsity support	✓	Numeric keypad *	•
Windows Studio effects support	1	Keyboard backlit	/
Al software frameworks supported	DirectML, OpenVINO, Windows ML,	Keyboard backlit colour	RGB
by NPU	ONNX RT, WebNN	Keyboard backlit zone	Per-key RGB
Total processor performance up to	36 TOPs	Copilot key	✓
NPU performance up to GPU performance up to	13 TOPs	Software	
·	8 TOPs	Operating system architecture	64-bit
Memory Internal memory *	16 GB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Home
Memory clock speed Memory form factor Memory layout (slots x size) Memory slots Maximum internal memory * Memory channels	5600 MHz SO-DIMM 1 x 16 GB 2x SO-DIMM 64 GB Dual-channel	Bundled software	Xbox Game Pass for PC_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass for PC. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Storage		Microsoft Copilot	✓
Total storage capacity *	1 TB	Battery	
Storage media *	SSD	Battery technology	Lithium-lon (Li-lon)
Total SSDs capacity	1 TB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	90 Wh
SSD capacity	1 TB	Power	
SSD interface	PCI Express 4.0	DC-in jack	1
NVMe	✓	USB Type-C charging port *	
SSD form factor	M.2	USB Power Delivery (USB PD)	· ·
Optical drive type *	×	• • •	•
Card reader integrated	×	Security	
Graphics		Face recognition	•
Discrete GPU manufacturer	NVIDIA	Windows Hello	1
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	8 GB	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 content AC adapter included *	



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