

**ASUS ROG Strix G18 G814FP-S9120W AMD Ryzen™ 9 9955HX
Laptop 45.7 cm (18") WQXGA 16 GB DDR5-SDRAM 1 TB SSD
NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home
Grey, Green AZERTY Belgian**



Brand : ASUS

Product family: ROG

Product code: 90NR0L59-M005Z0

Product name : G814FP-S9120W

AMD Ryzen 9 9955HX (2.5GHz), 16GB DDR5-SDRAM, 1000GB SSD, 18" WQXGA 2560 x 1600 IPS-Level, AMD Radeon 610M, NVIDIA GeForce RTX 5070 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

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Unite Your Squad. Rise To Victory.

The Strix G18 draw more frames and win more games with Windows 11 Pro. Powered by an AMD Ryzen™ 9 9955HX processor and an NVIDIA® GeForce RTX™ 5070 Laptop GPU boasting a max TGP of 115W with Dynamic Boost, be ready to dominate the competition in all of the latest games. With 16GB of 5600MHz DDR5 RAM and PCIe Gen 4.0 SSD storage, and the ability to upgrade one slot to a PCIe Gen 5 drive, large game libraries and intense multitasking sessions are a breeze for this gaming machine.

Design		Camera	
Colour name	Volt Green	Front camera	✓
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Grey, Green	Front camera HD type	Full HD
Form factor *	Clamshell	Network	
Housing material	Aluminium, Plastic	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display back cover material	Plastic	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Market positioning	Gaming	Mobile network connection *	✗
Certified refurbished	✗	Antenna type	2x2
Display		Ethernet LAN	✓
Display diagonal *	45.7 cm (18")	Ethernet LAN data rates	10,100,1000 Mbit/s
Display resolution *	2560 x 1600 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.3
HD type	WQXGA	Ports & interfaces	
Panel type	IPS-Level	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
LED backlight	✓	USB4 Gen 3x2 ports quantity	2
Native aspect ratio	16:10	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	500 cd/m²	HDMI version	2.1
RGB colour space	DCI-P3	Combo headphone/mic port	✓
Colour gamut	100%	Power adapter barrel connector	6.0 mm
Display response rise/fall	3 ms	USB Type-C DisplayPort Alternate Mode	✓
Maximum refresh rate	240 Hz	Performance	
Contrast ratio (typical)	1000:1	Repairability index	9.9
High Dynamic Range (HDR) supported	✓	Keyboard	
High Dynamic Range (HDR) technology	Dolby Vision	Pointing device	Touchpad
Processor		Numeric keypad *	✓
Processor manufacturer *	AMD	Keyboard backlit	✓
Processor family *	AMD Ryzen™ 9	Keyboard backlit colour	RGB
Processor generation	AMD Ryzen 9000 Series		
Processor model *	9955HX		

Processor		Keyboard	
Processor cores	16	Keyboard backlit zone	4-zone RGB
Processor threads	32	Keyboard layout	AZERTY
Processor boost frequency	5.4 GHz	Keyboard language	Belgian
Processor frequency *	2.5 GHz	Copilot key	✓
Processor cache type	L2 & L3	Software	
L3 cache	64 MB	Operating system architecture	64-bit
L2 cache	16 MB	Microsoft Copilot	✓
Neural processor unit (NPU)		Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Copilot+ PC	✗	Operating system installed *	Windows 11 Home
Memory		Bundled software	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.)
Internal memory *	16 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		Battery	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	1 TB	Battery capacity *	90 Wh
Number of SSDs installed	1	Fast charging	✓
SSD capacity	1 TB	Fast charging time (50%)	30 min
SSD interface	PCI Express 4.0	Power	
NVMe	✓	AC adapter power	280 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Card reader integrated	✗	AC adapter output current	14 A
Graphics		AC adapter output voltage	20 V
Discrete GPU manufacturer	NVIDIA	DC-in jack	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5070	USB Type-C charging port *	✓
Discrete graphics card memory	8 GB	USB Type-C required charging power (min) *	45 W
Discrete graphics memory type	GDDR7	USB Type-C required charging power (max) *	100 W
On-board graphics card *	✓	USB Power Delivery (USB PD)	✓
On-board GPU manufacturer	AMD	Security	
Discrete graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board graphics card family	AMD Radeon Graphics	Password protection	✓
On-board graphics card model *	AMD Radeon 610M	Password protection type	BIOS, User
Total Graphics Power (TGP)	115 W	Weight & dimensions	
NVIDIA G-SYNC	✓	Width	399 mm
Audio		Depth	294 mm
Audio system	Dolby Atmos	Height (front)	2.31 cm
Number of built-in speakers	2	Height (rear)	3.08 cm
Built-in microphone	✓	Weight *	3 kg
		Packaging content	
		AC adapter included *	✓



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