

ASUS ROG Strix G18 G814FP-S9006W AMD Ryzen™ 9 9955HX Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey QWERTZ German



Brand : ASUS

Product family: ROG

Product code: 90NR0L58-M00140

Product name : G814FP-S9006W

- Windows 11 Home 64-bit
 - AMD Ryzen 9 9955HX (2.5GHz)
 - 45.7 cm (18") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 5070 (8GB GDDR7)
 - 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
 AMD Ryzen 9 9955HX (2.5GHz), 32GB DDR5-SDRAM, 1000GB SSD, 45.7 cm (18") WQXGA 2560 x 1600 IPS, AMD Radeon 610M, NVIDIA GeForce RTX 5070 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Strix G18 G814FP-S9006W AMD Ryzen™ 9 9955HX Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey QWERTZ German:

UNITE YOUR SQUAD. RISE TO VICTORY.

Draw more frames and win more games with the brand new Strix G18 and Windows 11 Pro. Powered by up to an AMD Ryzen™ 9 9955HX processor and up to 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 up to 32GB 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		Audio	
Colour name	Eclipse Gray	Number of built-in speakers	2
Product type *	Laptop	Built-in microphone	✓
Product colour *	Grey	Camera	
Form factor *	Clamshell	Front camera	✓
Market positioning	Gaming	Front camera resolution	1920 x 1080 pixels
Introduction year	2025	Front camera HD type	Full HD
Display		Network	
Display diagonal *	45.7 cm (18")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	2560 x 1600 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	WQXGA	Antenna type	2x2
Panel type	IPS	Ethernet LAN	✓
LED backlight	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
Native aspect ratio	16:10	Bluetooth	✓
Anti-glare screen	✓	Bluetooth version	5.3
Display brightness	500 cd/m²	Ports & interfaces	
RGB colour space	DCI-P3	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Colour gamut	100%	USB4 Gen 3x2 ports quantity	2
Display response rise/fall	3 ms	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	240 Hz	HDMI ports quantity *	1
Contrast ratio (typical)	1000:1	HDMI version	2.1
High Dynamic Range (HDR) supported	✓	Combo headphone/mic port	✓
High Dynamic Range (HDR) technology	Dolby Vision	Power adapter barrel connector	6.0 mm
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	AMD		
Processor family *	AMD Ryzen™ 9		

Processor		Keyboard	
Processor generation	AMD Ryzen 9000 Series	Pointing device	Touchpad
Processor model *	9955HX	Numeric keypad *	✓
Processor cores	16	Keyboard backlit	✓
Processor threads	32	Keyboard backlit colour	RGB
Processor boost frequency	5.4 GHz	Keyboard backlit zone	Per-key RGB
Processor frequency *	2.5 GHz	Keyboard layout	QWERTZ
Processor cache type	L2 & L3	Keyboard language	German
L3 cache	64 MB	Copilot key	✓
L2 cache	16 MB		
Memory		Software	
Internal memory *	32 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Microsoft Copilot	✓
Memory clock speed	5600 MHz	Operating system installed *	Windows 11 Home
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 16 GB		
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		
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Card reader integrated	✗		
Graphics		Power	
Discrete GPU manufacturer	NVIDIA	AC adapter power	280 W
Discrete graphics card model *	NVIDIA GeForce RTX 5070	AC adapter frequency	50 - 60 Hz
Discrete graphics card memory	8 GB	AC adapter input voltage	100 - 240 V
Discrete graphics memory type	GDDR7	AC adapter output current	14 A
On-board graphics card *	✓	AC adapter output voltage	20 V
On-board GPU manufacturer	AMD	USB Type-C charging port *	✓
Discrete graphics card *	✓	USB Power Delivery (USB PD)	✓
On-board graphics card family	AMD Radeon Graphics		
On-board graphics card model *	AMD Radeon 610M		
NVIDIA G-SYNC	✓		
Audio		Security	
Audio system	Dolby Atmos	Trusted Platform Module (TPM)	✓
		Password protection	✓
		Password protection type	BIOS, User
		Weight & dimensions	
		Width	399 mm
		Depth	294 mm
		Height (front)	2.31 cm
		Height (rear)	3.08 cm
		Weight *	3 kg
		Packaging data	
		Package width	350 mm
		Package depth	110 mm
		Package height	460 mm
		Package weight	3.25 kg
		Packaging content	
		AC adapter included *	✓



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