

ASUS ROG Strix G18 G814PP-S8014W AMD Ryzen™ 9 8940HX Laptop 45.7 cm (18") WUXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home German Black, Grey



Brand : ASUS

Product family: ROG

Product code: 90NR0KY8-M000X0

Product name : G814PP-S8014W

- Windows 11 Home 64-bit
- AMD Ryzen 9 8940HX (2.4GHz)
- 45.7 cm (18") WUXGA 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 5070 (8GB GDDR7)
- 32GB (5200MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD

AMD Ryzen 9 8940HX (2.4GHz), 32GB DDR5-SDRAM, 1000GB SSD, 45.7 cm (18") WUXGA 1920 x 1200 IPS-Level, AMD Radeon 610M, NVIDIA GeForce RTX 5070 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

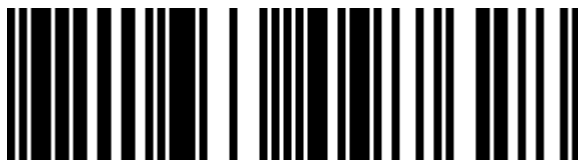
ASUS ROG Strix G18 G814PP-S8014W AMD Ryzen™ 9 8940HX Laptop 45.7 cm (18") WUXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home German Black, Grey:

Power up your play

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		Camera	
Colour name	Eclipse Gray	Front camera	✓
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Black, Grey	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Introduction year	2025	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	45.7 cm (18")	Ethernet LAN	✓
Display resolution *	1920 x 1200 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	WUXGA	Bluetooth version	5.3
Panel type	IPS-Level	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Anti-glare screen	✓	USB4 Gen 3x2 ports quantity	2
Display brightness	300 cd/m²	Ethernet LAN (RJ-45) ports	1
RGB colour space	sRGB	HDMI ports quantity *	1
Colour gamut	100%	HDMI version	2.1
Display response rise/fall	3 ms	Combo headphone/mic port	✓
Maximum refresh rate	144 Hz	USB Type-C DisplayPort Alternate Mode	✓
Processor		Keyboard	
Processor manufacturer *	AMD	Pointing device	Touchpad
Processor family *	AMD Ryzen™ 9	Numeric keypad *	✓
Processor generation	AMD Ryzen 8000 Series	Keyboard backlit	✓
Processor model *	8940HX	Keyboard backlit colour	RGB
Processor cores	16	Keyboard backlit zone	Per-key RGB
Processor threads	32		
Processor boost frequency	5.3 GHz		

Processor		Keyboard	
Processor frequency *	2.4 GHz	Keyboard layout	QWERTZ
Processor cache type	L2 & L3	Keyboard language	German
L3 cache	64 MB	Copilot key	✓
L2 cache	16 MB	Software	
Memory		Operating system architecture	64-bit
Internal memory *	32 GB	Microsoft Copilot	✓
Internal memory type	DDR5-SDRAM	Trial software	Microsoft 365 30 days
Memory clock speed	5200 MHz	Operating system installed *	Windows 11 Home
Memory form factor	SO-DIMM	Battery	
Memory layout (slots x size)	2 x 16 GB	Battery technology	Lithium-Ion (Li-Ion)
Memory slots	2x SO-DIMM	Number of battery cells	4
Maximum internal memory *	64 GB	Battery capacity *	90 Wh
Storage		Fast charging	✓
Total storage capacity *	1 TB	Fast charging time (50%)	30 min
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	280 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	14 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	DC-in jack	✓
Optical drive type *	✗	USB Type-C charging port *	✓
Card reader integrated	✗	USB Power Delivery (USB PD)	✓
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Password protection	✓
Discrete graphics card memory	8 GB	Password protection type	BIOS, User
Discrete graphics memory type	GDDR7	Weight & dimensions	
On-board graphics card *	✓	Width	399 mm
On-board GPU manufacturer	AMD	Depth	294 mm
Discrete graphics card *	✓	Height (front)	2.31 cm
On-board graphics card family	AMD Radeon	Height (rear)	3.08 cm
On-board graphics card model *	AMD Radeon 610M	Weight *	3 kg
NVIDIA G-SYNC	✓	Packaging data	
Audio		Package width	350 mm
Audio system	Smart Amp	Package depth	110 mm
Number of built-in speakers	2	Package height	460 mm
Built-in microphone	✓	Package weight	3.25 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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