

## ASUS ROG Strix G18 G814PM-DB96-CA AMD Ryzen™ 9 8940HX Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 6E (802.11ax) Windows 11 Home Grey



**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NR0L28-M00330

**Product name :** G814PM-DB96-CA

AMD Ryzen 9 8940HX (2.4GHz), 32GB DDR5-SDRAM, 1000GB SSD, 45.7 cm (18") WQXGA 2560 x 1600 IPS-Level, AMD Radeon 610M, NVIDIA GeForce RTX 5060 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

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### RAISE YOUR GAME. CARRY YOUR SQUAD.

#### Power up your play

Game with confidence thanks to Windows 11 Pro and the raw horsepower of the 2024 Strix G18. Powered by an Intel® Core™ i9 Processor 14900HX and up to an NVIDIA GeForce RTX 4080 Laptop GPU boasting a max TGP of 175W with Dynamic Boost, be ready to dominate the competition in all of the latest games. Backed up with a dedicated MUX Switch and NVIDIA Advanced Optimus, the Strix G18 unlocks the true potential of its hardware. With PCIe Gen4x4 SSD storage and up to 32GB of 5600MHz DDR5 RAM, 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	<b>Camera</b>	
Form factor *	Clamshell	Front camera	✓
Market positioning	Gaming	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-Level	Ethernet LAN	✓
Native aspect ratio	16:10	Bluetooth	✓
Anti-glare screen	✓	Bluetooth version	5.3
RGB colour space	DCI-P3	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Maximum refresh rate	240 Hz	USB4 Gen 3x2 ports quantity	2
High Dynamic Range (HDR) supported	✓	Ethernet LAN (RJ-45) ports	1
High Dynamic Range (HDR) technology	Dolby Vision	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor family *	AMD Ryzen™ 9	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	AMD Ryzen 8000 Series	<b>Keyboard</b>	
Processor model *	8940HX	Pointing device	Touchpad
Processor cores	16	Numeric keypad *	✓
Processor threads	32		
Processor boost frequency	5.3 GHz		

<b>Processor</b>		<b>Keyboard</b>	
Processor frequency *	2.4 GHz	Keyboard backlit	✓
Processor cache type	L2 & L3	Keyboard backlit colour	RGB
L3 cache	64 MB	Keyboard backlit zone	Per-key RGB
L2 cache	16 MB	Copilot key	✓
<b>Memory</b>		<b>Software</b>	
Internal memory *	32 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Microsoft Copilot	✓
Memory clock speed	5600 MHz	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Home
Memory slots	2x SO-DIMM		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.)
Maximum internal memory *	64 GB	Bundled software	
<b>Storage</b>		<b>Battery</b>	
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	<b>Power</b>	
SSD capacity	1 TB	AC adapter power	280 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	14 A
Optical drive type *	✗	AC adapter output voltage	20 V
<b>Graphics</b>		USB Type-C charging port *	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5060	USB Power Delivery (USB PD)	✓
Discrete graphics card memory	8 GB	<b>Security</b>	
Discrete graphics memory type	GDDR7	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	AMD	Password protection type	BIOS, User
Discrete graphics card *	✓	<b>Weight &amp; dimensions</b>	
On-board graphics card family	AMD Radeon	Width	399 mm
On-board graphics card model *	AMD Radeon 610M	Depth	294 mm
NVIDIA G-SYNC	✓	Height (front)	2.31 cm
AMD FreeSync	✓	Height (rear)	3.08 cm
<b>Audio</b>		Weight *	3 kg
Audio system	Dolby Atmos	<b>Packaging content</b>	
		AC adapter included *	✓



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