

ASUS ROG Strix G17 G713PU-HX108W AMD Ryzen™ 9 7940HX Laptop 43.9 cm (17.3") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Grey



Brand : ASUS

Product family: ROG

Product code: 90NR0C54-M008J0

Product name : G713PU-HX108W

AMD Ryzen 9 7940HX (80MB Cache, 2.4GHz), 16GB DDR5-SDRAM, 1000GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080 IPS-Level, AMD Radeon 610M, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

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Raise your Game. Call the Shots.

The AMD Ryzen™ 9 7940HX CPU, paired with an NVIDIA® GeForce RTX™ 4050 Laptop GPU (194 AI TOPs), as well as a MUX Switch with NVIDIA Advanced Optimus support the backbone of the 2023 Strix G17. Conductionaut Extreme liquid metal on the CPU keeps the Strix G17 boosting the processor higher, for longer. 16GB of cutting-edge DDR5 memory keeps your CPU fed at all times, ensuring a responsive experience. PCIe 4.0 SSD support means that you'll never need to wait for file transfers or game loading screens again.

Design		Camera	
Colour name	Eclipse Gray	Front camera HD type	HD
Product type *	Laptop	Network	
Product colour *	Black, Grey	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Market positioning	Gaming	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	43.9 cm (17.3")	Ethernet LAN	✓
Display resolution *	1920 x 1080 pixels	Ethernet LAN data rates	10,1000,100,2500 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD	Bluetooth version	5.3
Panel type	IPS-Level	Ports & interfaces	
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Display brightness	250 cd/m²	Ethernet LAN (RJ-45) ports	1
RGB colour space	NTSC	HDMI ports quantity *	1
Colour gamut	45%	HDMI version	2.1
Maximum refresh rate	144 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	960:1	Power adapter barrel connector	6.0 mm
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	AMD	Performance	
Processor family *	AMD Ryzen™ 9	Repairability index	8.5
Processor model *	7940HX	Keyboard	
Processor cores	16	Pointing device	Touchpad
Processor threads	32	Numeric keypad *	✓
Processor boost frequency	5.2 GHz		
Processor frequency *	2.4 GHz		
Processor cache	80 MB		
Processor cache type	L2 & L3		

Memory		Keyboard	
Internal memory *	16 GB	Keyboard backlit	✔
Internal memory type	DDR5-SDRAM	Keyboard backlit colour	RGB
Memory clock speed	4800 MHz	Keyboard backlit zone	4-zone RGB
Memory form factor	SO-DIMM	Software	
Memory layout (slots x size)	2 x 8 GB	Operating system architecture	64-bit
Memory slots	2x SO-DIMM	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Maximum internal memory *	32 GB	Operating system installed *	Windows 11 Home
Storage		Bundled software	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for PC Game Pass. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Total storage capacity *	1 TB		
Storage media *	SSD		
Total SSDs capacity	1 TB		
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express 4.0	Battery	
NVMe	✔		
SSD form factor	M.2		
Optical drive type *	✘	Battery technology	Lithium-Ion (Li-Ion)
Card reader integrated	✘	Number of battery cells	4
Graphics		Battery capacity *	90 Wh
Discrete GPU manufacturer	NVIDIA	Fast charging	✔
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Fast charging time (50%)	30 min
Discrete graphics card memory	6 GB	Power	
Discrete graphics memory type	GDDR6	AC adapter power	280 W
On-board graphics card *	✔	AC adapter frequency	50 - 60 Hz
On-board GPU manufacturer	AMD	AC adapter input voltage	100 - 240 V
Discrete graphics card *	✔	AC adapter output current	14 A
On-board graphics card family	AMD Radeon	AC adapter output voltage	20 V
On-board graphics card model *	AMD Radeon 610M	USB Type-C charging port *	✔
NVIDIA G-SYNC	✔	USB Power Delivery (USB PD)	✔
Audio		Security	
Audio system	Smart Amp	Trusted Platform Module (TPM)	✔
Number of built-in speakers	2	Password protection	✔
Built-in microphone	✔	Password protection type	BIOS, User
Camera		Weight & dimensions	
Front camera	✔	Width	395 mm
		Depth	282 mm
		Height (front)	2.34 cm
		Height (rear)	3.08 cm
		Weight *	2.8 kg
		Packaging content	
		AC adapter included *	✔



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Publication date: 06-FEB-2025. Prints or copies of Information are only valid on the printed Publication date