

# ASUS ROG Strix G17 G713PI-LL131W AMD Ryzen™ 9 7940HX Laptop 43.9 cm (17.3") Wide Quad HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: ROG

Product code: 90NR0GG4-M00B20

Product name : G713PI-LL131W

AMD Ryzen 9 7940HX (64MB Cache, 2.4GHz), 32GB DDR5-SDRAM, 1000GB SSD, 43.9 cm (17.3") Wide Quad HD 2560 x 1440, AMD Radeon 610M, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

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## RAISE YOUR GAME. CALL THE SHOTS.

Power up your Windows 11 Pro gaming with the ROG Strix G17, now featuring up to an AMD Ryzen™ 9 7945HX CPU and up to an NVIDIA® GeForce RTX™ 4070 Laptop GPU.

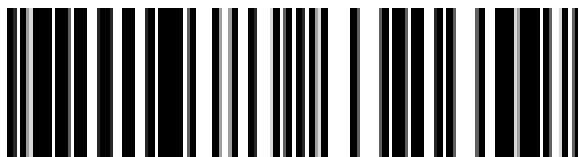
## ESPORTS DOMINATION

The latest AMD Ryzen™ 9 7945HX CPU, paired with up to an NVIDIA® GeForce RTX™ 4070 Laptop GPU with a max TGP of 140W, 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. Up to 32GB 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.

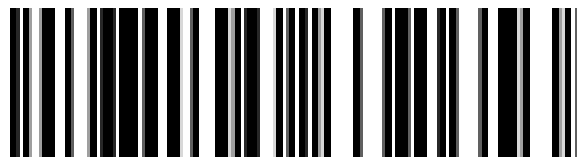


Design		Camera	
Colour name	Eclipse Gray	Front camera HD type	HD
Product type *	Laptop	Network	
Product colour *	Grey	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Market positioning	Gaming	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	43.9 cm (17.3")	Ethernet LAN	✓
Display resolution *	2560 x 1440 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Wide Quad HD	Bluetooth version	5.3
Native aspect ratio	16:9	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness	300 cd/m²	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
RGB colour space	DCI-P3	Ethernet LAN (RJ-45) ports	1
Colour gamut	100%	HDMI ports quantity *	1
Maximum refresh rate	240 Hz	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	USB Power Delivery	✓
Processor family *	AMD Ryzen™ 9	Performance	
Processor model *	7940HX	Repairability index	8.6
Processor cores	16	Keyboard	
Processor threads	32	Pointing device	Touchpad
Processor boost frequency	5.2 GHz	Keyboard layout	AZERTY
Processor frequency *	2.4 GHz	Keyboard language	Belgian
Processor cache	64 MB		
Processor cache type	L3		

Memory		Keyboard	
Internal memory *	32 GB	Numeric keypad *	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit	✓
Memory clock speed	4800 MHz	Keyboard backlit colour	RGB
Memory form factor	SO-DIMM	Keyboard backlit zone	Per-key RGB
Memory layout (slots x size)	2 x 16 GB	<b>Software</b>	
Memory slots	2x SO-DIMM	Operating system architecture	64-bit
Maximum internal memory *	32 GB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Storage		Operating system installed *	Windows 11 Home
Total storage capacity *	1 TB	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)	
Storage media *	SSD		
Total SSDs capacity	1 TB		
Number of SSDs installed	1	Bundled software	
SSD capacity	1 TB	<b>Battery</b>	
SSD interface	PCI Express 4.0	Battery technology	Lithium-Ion (Li-Ion)
NVMe	✓	Number of battery cells	4
SSD form factor	M.2	Battery capacity *	90 Wh
Optical drive type *	✗	Fast charging time (50%)	30 min
Graphics		<b>Power</b>	
Discrete GPU manufacturer	NVIDIA	AC adapter power	280 W
Discrete graphics card model *	NVIDIA GeForce RTX 4070	AC adapter frequency	50 - 60 Hz
Discrete graphics card memory	8 GB	AC adapter input voltage	100 - 240 V
Discrete graphics memory type	GDDR6	AC adapter output current	14 A
On-board graphics card *	✓	AC adapter output voltage	20 V
On-board GPU manufacturer	AMD	<b>Security</b>	
Discrete graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board graphics card model *	AMD Radeon 610M	Password protection	✓
NVIDIA G-SYNC	✓	Password protection type	BIOS, User
AMD FreeSync	✓	<b>Weight &amp; dimensions</b>	
Audio		Width	395 mm
Number of built-in speakers	2	Depth	282 mm
Built-in microphone	✓	Height (front)	2.34 cm
Camera		Height (rear)	3.08 cm
Front camera	✓	Weight *	2.8 kg



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