

# ASUS ROG Strix G17 G713PV-HX165W AMD Ryzen™ 9 7940HX Laptop 43.9 cm (17.3") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Grey



**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NR0C34-M00DNO

**Product name :** G713PV-HX165W

AMD Ryzen 9 7940HX (64MB Cache, 2.4GHz), 16GB DDR5-SDRAM, 1000GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080, AMD Radeon 610M, NVIDIA GeForce RTX 4060 (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

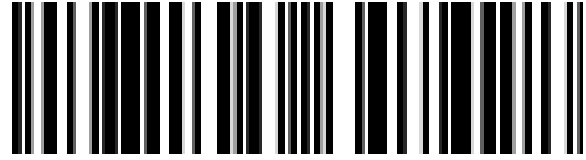
The latest AMD Ryzen™ 9 7945HX CPU, paired with up to an NVIDIA® GeForce RTX™ 4070 Laptop GPU with a max TGP of 140W, as well as a MUX Switch with NVIDIA Advanced Optimus support the backbone of the 2023 Strix G17. Conductionaut Extreme liquid metal on the CPU keeps the Strix G17 boosting the processor 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		Network	
Colour name	Eclipse Gray	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product colour *	Grey	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Housing material	Plastic	Ethernet LAN	✓
Market positioning	Gaming	Ethernet LAN data rates	10,100,1000 Mbit/s
<b>Display</b>		Bluetooth	✓
Display diagonal *	43.9 cm (17.3")	Bluetooth version	5.3
Display resolution *	1920 x 1080 pixels	<b>Ports &amp; interfaces</b>	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	Full HD	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Native aspect ratio	16:9	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	250 cd/m <sup>2</sup>	HDMI version	2.1
RGB colour space	sRGB	Combo headphone/mic port	✓
Colour gamut	62.5%	Power adapter barrel connector	6.0 mm
Maximum refresh rate	144 Hz	USB Type-C DisplayPort Alternate Mode	✓
Contrast ratio (typical)	960:1	USB Power Delivery	✓
<b>Processor</b>		<b>Performance</b>	
Processor manufacturer *	AMD	Repairability index	8.6
Processor family *	AMD Ryzen™ 9	<b>Keyboard</b>	
Processor model *	7940HX	Pointing device	Touchpad
Processor cores	16	Numeric keypad *	✓
Processor threads	32	Keyboard backlit	✓
Processor boost frequency	5.2 GHz	Keyboard backlit colour	RGB
Processor frequency *	2.4 GHz	Keyboard backlit zone	4-zone RGB
Processor cache	64 MB		
Processor cache type	L3		

<b>Memory</b>		<b>Software</b>	
Internal memory *	16 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Memory clock speed	4800 MHz	Operating system installed *	Windows 11 Home
Memory form factor	SO-DIMM		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.)
Memory slots	2x SO-DIMM	Bundled software	
Maximum internal memory *	32 GB		
<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	Fast charging	✓
SSD capacity	1 TB	Fast charging time (50%)	30 min
SSD interface	PCI Express 4.0		
NVMe	✓	<b>Power</b>	
SSD form factor	M.2	AC adapter power	280 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
<b>Graphics</b>		AC adapter input voltage	100 - 240 V
Discrete GPU manufacturer	NVIDIA	AC adapter output current	14 A
Discrete graphics card model *	NVIDIA GeForce RTX 4060	AC adapter output voltage	20 V
Discrete graphics card memory	8 GB		
Discrete graphics memory type	GDDR6	<b>Security</b>	
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	AMD	Password protection	✓
Discrete graphics card *	✓	Password protection type	BIOS, User
On-board graphics card model *	AMD Radeon 610M		
NVIDIA G-SYNC	✓	<b>Weight &amp; dimensions</b>	
AMD FreeSync	✓	Width	395 mm
<b>Audio</b>		Depth	282 mm
Number of built-in speakers	2	Height (front)	2.34 cm
Built-in microphone	✓	Height (rear)	3.08 cm
<b>Camera</b>		Weight *	2.8 kg
Front camera	✓		
Front camera HD type	HD		



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