

ASUS ROG Strix G16 G614PR-RV003W Copilot+ PC AMD Ryzen™ 9 7940HX Laptop 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Ti Wi-Fi 6E (802.11ax) Windows 11 Home Black, Grey AZERTY Belgian



Brand : ASUS

Product family: ROG

Product code: 90NR0NJ7-M000M0

Product name : G614PR-RV003W

AMD Ryzen 9 7940HX (80MB Cache, 2.4GHz), 32GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200, AMD Radeon 610M, NVIDIA GeForce RTX 5070 Ti (12GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

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Unite Your Squad. Rise To Victory.

The Strix G16 draw more frames and win more games with Windows 11 Home. Powered by an AMD Ryzen™ 9 7940HX processor and an NVIDIA® GeForce RTX™ 5070 Ti Laptop GPU boasting a max TGP of 140W 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		Audio	
Colour name	Eclipse Gray	Built-in microphone	✓
Product type *	Laptop	Camera	
Product colour *	Black, Grey	Front camera	✓
Form factor *	Clamshell	Front camera HD type	Full HD
Housing material	Plastic	Network	
Market positioning	Gaming	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Introduction year	2025	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	40.6 cm (16")	Antenna type	2x2
Display resolution *	1920 x 1200 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	WUXGA	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.3
Anti-glare screen	✓	Ports & interfaces	
Display brightness	300 cd/m²	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
RGB colour space	sRGB	USB4 Gen 3x2 ports quantity	2
Colour gamut	100%	Ethernet LAN (RJ-45) ports	1
Display response rise/fall	3 ms	HDMI ports quantity *	1
Maximum refresh rate	165 Hz	HDMI version	2.1
Contrast ratio (typical)	1000:1	Combo headphone/mic port	✓
High Dynamic Range (HDR) supported	✓	Power adapter barrel connector	6.0 mm
High Dynamic Range (HDR) technology	Dolby Vision	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 7000 Series	Keyboard backlit	✓
Processor model *	7940HX	Keyboard backlit colour	RGB
Processor cores	16		
Processor threads	32		

Processor		Keyboard	
Processor boost frequency	5.2 GHz	Keyboard backlit zone	4-zone RGB
Processor frequency *	2.4 GHz	Keyboard layout	AZERTY
Processor cache	80 MB	Keyboard language	Belgian
Processor cache type	L2 & L3	Copilot key	✓
Neural processor unit (NPU)		Software	
Copilot+ PC	✓	Operating system architecture	64-bit
Memory		Microsoft Copilot	✓
Internal memory *	32 GB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Internal memory type	DDR5-SDRAM		
Memory clock speed	5200 MHz		
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	2 x 16 GB		
Memory slots	2x SO-DIMM	Bundled software	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 *	32 GB		
Storage			
Total storage capacity *	1 TB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	1 TB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	90 Wh
SSD capacity	1 TB	Fast charging	✓
SSD interface	PCI Express 4.0	Fast charging time (50%)	30 min
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	280 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Card reader integrated	✗	AC adapter input voltage	100 - 240 V
Graphics		AC adapter output current	14 A
Discrete GPU manufacturer	NVIDIA	AC adapter output voltage	20 V
Discrete graphics card model *	NVIDIA GeForce RTX 5070 Ti	DC-in jack	✓
Discrete graphics card memory	12 GB	USB Type-C charging port *	✓
Discrete graphics memory type	GDDR7	USB Power Delivery (USB PD)	✓
On-board graphics card *	✓	Security	
On-board GPU manufacturer	AMD	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✓	Password protection	✓
On-board graphics card family	AMD Radeon	Password protection type	BIOS, User
On-board graphics card model *	AMD Radeon 610M	Weight & dimensions	
NVIDIA G-SYNC	✓	Width	354 mm
Audio		Depth	264 mm
Audio system	Smart Amp	Height (front)	2.26 cm
Number of built-in speakers	2	Height (rear)	3.04 cm
		Weight *	2.5 kg
		Packaging content	
		AC adapter included *	✓



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