

ASUS ROG Strix G16 G614PR-RV038W AMD Ryzen™ 9 8940HX Laptop 40.6 cm (16") WUXGA 16 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-M00B20

Product name : G614PR-RV038W

AMD Ryzen 9 8940HX (2.4GHz), 16GB DDR5-SDRAM, 1000GB SSD, 16" WUXGA 1920 x 1200 IPS-Level, 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 8940HX 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 16GB 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		Camera	
Colour name	Eclipse Gray	Front camera	✓
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Black, Grey	Front camera HD type	Full HD
Form factor *	Clamshell	Network	
Housing material	Plastic, Aluminium	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display back cover material	Plastic	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Market positioning	Gaming	Mobile network connection *	✗
Certified refurbished	✗	Antenna type	2x2
Display		Ethernet LAN	✓
Display diagonal *	40.6 cm (16")	Ethernet LAN data rates	10,100,1000 Mbit/s
Display resolution *	1920 x 1200 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.3
HD type	WUXGA	Ports & interfaces	
Panel type	IPS-Level	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Native aspect ratio	16:10	USB4 Gen 3x2 ports quantity	2
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
Display brightness	300 cd/m²	HDMI ports quantity *	1
RGB colour space	sRGB	HDMI version	2.1
Colour gamut	100%	Combo headphone/mic port	✓
Display response rise/fall	3 ms	Power adapter barrel connector	6.0 mm
Maximum refresh rate	165 Hz	USB Type-C DisplayPort Alternate Mode	✓
Contrast ratio (typical)	1000:1	Performance	
High Dynamic Range (HDR) supported	✓	Repairability index	9.9
High Dynamic Range (HDR) technology	Dolby Vision	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	AMD	Numeric keypad *	✗
Processor family *	AMD Ryzen™ 9	Keyboard backlit	✓
Processor generation	AMD Ryzen 8000 Series	Keyboard backlit colour	RGB
Processor model *	8940HX		
Processor cores	16		

Processor		Keyboard	
Processor threads	32	Keyboard backlit zone	4-zone RGB
Processor boost frequency	5.3 GHz	Keyboard layout	AZERTY
Processor frequency *	2.4 GHz	Keyboard language	Belgian
Processor cache type	L2 & L3	Copilot key	✔
L3 cache	64 MB	Software	
L2 cache	16 MB	Operating system architecture	64-bit
Neural processor unit (NPU)		Microsoft Copilot	✔
Copilot+ PC	✗	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Memory		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	Bundled software	Xbox Game Pass Premium_2 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Internal memory type	DDR5-SDRAM		
Memory clock speed	5200 MHz		
Memory form factor	SO-DIMM		
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
Storage		Battery	
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	Power	
NVMe	✔	AC adapter power	280 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Card reader integrated	✗	AC adapter output current	14 A
Graphics		AC adapter output voltage	20 V
Discrete GPU manufacturer	NVIDIA	DC-in jack	✔
Discrete graphics card model *	NVIDIA GeForce RTX 5070 Ti	USB Type-C charging port *	✔
Discrete graphics card memory	12 GB	USB Type-C required charging power (min) *	45 W
Discrete graphics memory type	GDDR7	USB Type-C required charging power (max) *	100 W
On-board graphics card *	✔	USB Power Delivery (USB PD)	✔
On-board GPU manufacturer	AMD	Security	
Discrete graphics card *	✔	Trusted Platform Module (TPM)	✔
On-board graphics card family	AMD Radeon	Password protection	✔
On-board graphics card model *	AMD Radeon 610M	Password protection type	BIOS, User
Total Graphics Power (TGP)	140 W	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
Built-in microphone	✔	Weight *	2.5 kg
		Packaging content	
		AC adapter included *	✔



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