

ASUS ROG Strix G16 G614PR-RV092W 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



Brand : ASUS

Product family: ROG

Product code: 90NR0NJ7-M00690

Product name : G614PR-RV092W

- Windows 11 Home 64-bit
 - AMD Ryzen 9 8940HX (2.4GHz)
 - 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 5070 Ti (12GB GDDR7)
 - 16GB (5200MHz) DDR5-SDRAM & 1000GB SSD
 AMD Ryzen 9 8940HX (2.4GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (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

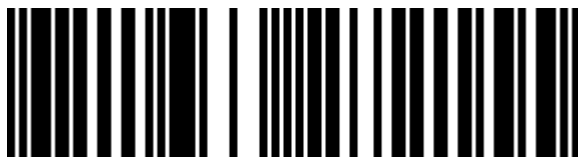
ASUS ROG Strix G16 G614PR-RV092W AMD Ryzen™ 9 8940HX Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Ti Wi-Fi 6E (802.11ax) Windows 11 Home Black, Grey:

Power up your play

Draw more frames and win more games with the brand new Strix G16 and Windows 11 Pro. Powered by up to an AMD Ryzen™ 9 9955HX3D processor and up to 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		Graphics	
Colour name	Eclipse Gray	On-board graphics card model *	AMD Radeon 610M
Product type *	Laptop	NVIDIA G-SYNC	✓
Product colour *	Black, Grey	Audio	
Form factor *	Clamshell	Audio system	Smart Amp
Housing material	Plastic	Number of built-in speakers	2
Market positioning	Gaming	Built-in microphone	✓
Introduction year	2025	Camera	
Certified refurbished	✗	Front camera	✓
Display		Front camera HD type	Full HD
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6E (802.11ax)
HD type	WUXGA	Mobile network connection *	✗
Panel type	IPS-Level	Antenna type	2x2
Native aspect ratio	16:10	Ethernet LAN	✓
Anti-glare screen	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
Display brightness	300 cd/m²	Bluetooth	✓
RGB colour space	sRGB	Bluetooth version	5.3
Colour gamut	100%	Ports & interfaces	
Display response rise/fall	3 ms	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Maximum refresh rate	165 Hz	USB4 Gen 3x2 ports quantity	2
High Dynamic Range (HDR) supported	✓	Ethernet LAN (RJ-45) ports	1
High Dynamic Range (HDR) technology	Dolby Vision	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor family *	AMD Ryzen™ 9	Power adapter barrel connector	6.0 mm
Processor generation	AMD Ryzen 8000 Series		

Processor		Ports & interfaces	
Processor model *	8940HX	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	16	Keyboard	
Processor threads	32	Pointing device	Touchpad
Processor boost frequency	5.3 GHz	Numeric keypad *	✗
Processor frequency *	2.4 GHz	Keyboard backlit	✓
Processor cache type	L2 & L3	Keyboard backlit colour	RGB
L3 cache	64 MB	Copilot key	✓
L2 cache	16 MB	Software	
Neural processor unit (NPU)		Operating system architecture	64-bit
Copilot+ PC	✗	Microsoft Copilot	✓
Memory		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	Battery	
Internal memory type	DDR5-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory clock speed	5200 MHz	Number of battery cells	4
Memory form factor	SO-DIMM	Battery capacity *	90 Wh
Memory slots	2x SO-DIMM	Fast charging	✓
Maximum internal memory *	64 GB	Fast charging time (50%)	30 min
Storage		Power	
Total storage capacity *	1 TB	AC adapter power	280 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	14 A
SSD capacity	1 TB	AC adapter output voltage	20 V
SSD interface	PCI Express 4.0	DC-in jack	✓
NVMe	✓	USB Type-C charging port *	✓
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	Security	
Card reader integrated	✗	Trusted Platform Module (TPM)	✓
Graphics		Password protection	✓
Discrete GPU manufacturer	NVIDIA	Password protection type	BIOS, User
Discrete graphics card model *	NVIDIA GeForce RTX 5070 Ti	Weight & dimensions	
Discrete graphics card memory	12 GB	Width	354 mm
Discrete graphics memory type	GDDR7	Depth	264 mm
On-board graphics card *	✓	Height (front)	2.26 cm
On-board GPU manufacturer	AMD	Height (rear)	3.04 cm
Discrete graphics card *	✓	Weight *	2.5 kg
On-board graphics card family	AMD Radeon	Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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