ASUS ROG Strix G16 G614PR-RV016W AMD Ryzen™ 9 7940HX 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**

Product code: 90NR0NJ7-**Brand**: ASUS **Product family: ROG**

M001H0

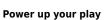
Product name: G614PR-

RV016W

- Windows 11 Home 64-bit
- AMD Ryzen 9 7940HX (64MB Cache, 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 7940HX (64MB Cache, 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

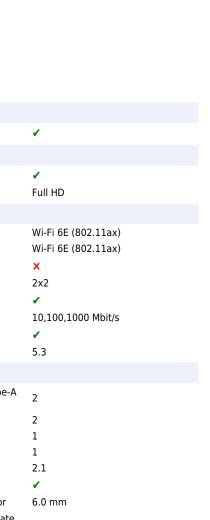




Design

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 PCle 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 * Product colour *	Laptop Black, Grey	Camera	
Form factor *	Clamshell	Front camera	✓
Housing material	Plastic	Front camera HD type	Full HD
Market positioning Gaming		Network	
Introduction year	2025	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Mobile network connection *	×
Display resolution *	1920 x 1200 pixels	Antenna type	2x2
Touchscreen *	×	Ethernet LAN	✓
HD type	WUXGA	Ethernet LAN data rates	10,100,1000 Mbit/s
Panel type	IPS-Level	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	
RGB colour space	sRGB	ports quantity	2
Colour gamut	100%	USB4 Gen 3x2 ports quantity	2
Maximum refresh rate	165 Hz	Ethernet LAN (RJ-45) ports	1
Contrast ratio (typical)	1000:1	HDMI ports quantity *	1
High Dynamic Range (HDR) supported	✓	HDMI version	2.1
High Dynamic Range (HDR)		Combo headphone/mic port	✓
technology	Dolby Vision	Power adapter barrel connector	6.0 mm
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	AMD R	Keyboard	
Processor family *	AMD Ryzen™ 9	Pointing device	Touchpad
Processor generation	AMD Ryzen 7000 Series	Numeric keypad *	×

Audio

Processor		Keyboard	
Processor cores 1 Processor threads 3 Processor boost frequency 5	7940HX 16 32 5.2 GHz 2.4 GHz	Keyboard backlit Keyboard backlit colour Keyboard backlit zone Copilot key	✓ RGB 4-zone RGB ✓
Processor cache	64 MB	Software	
Processor cache type	L2 & L3	Operating system architecture	64-bit
Memory		Trial software	1-month trial for new Microsoft 365 customers. Credit card required,
Internal memory type	16 GB DDR5-SDRAM	Operating system installed *	McAfee 30 days Windows 11 Home
Internal memory type Memory clock speed Memory form factor Memory slots Maximum internal memory * Storage	5200 MHz SO-DIMM 2x SO-DIMM 32 GB	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.)
Total storage capacity *	1 TB	Microsoft Copilot	✓
Storage media *	SSD		•
Total SSDs capacity	1 TB	Battery	Lithium lon (Li lon)
Number of SSDs installed SSD capacity SSD interface NVMe	1 1 TB PCI Express 4.0 ✓	Battery technology Number of battery cells Battery capacity * Fast charging Fast charging time (50%)	Lithium-lon (Li-lon) 4 90 Wh ✓ 30 min
SSD form factor Optical drive type *	M.2	Power	
Card reader integrated	×	AC adapter power	280 W
-	^	AC adapter frequency	50 - 60 Hz
Discrete GPU manufacturer Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type On-board graphics card * On-board GPU manufacturer	crete graphics card model * NVIDIA GeForce RTX 5070 Ti crete graphics card memory 12 GB crete graphics memory type GDDR7 board graphics card *	AC adapter input voltage AC adapter output current AC adapter output voltage DC-in jack USB Type-C charging port * USB Power Delivery (USB PD)	100 - 240 V 14 A 20 V
Discrete graphics card *	Al•iD ✓	Security	
On-board graphics card family On-board graphics card model * NVIDIA G-SYNC	AMD Radeon AMD Radeon 610M	Trusted Platform Module (TPM) Password protection Password protection type	✔ ✔ BIOS, User
Audio		Weight & dimensions	
Audio system Number of built-in speakers	Smart Amp 2	Width Depth Height (front) Height (rear) Weight * Packaging content AC adapter included *	354 mm 264 mm 2.26 cm 3.04 cm 2.5 kg
		Ac adapter included "	•





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