

ASUS ROG Strix G16 G614PP-DB96-CA AMD Ryzen™ 9 8940HX Laptop 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Green, Grey



Brand : ASUS

Product family: ROG

Product code: 90NR0L67-M004K0

Product name : G614PP-DB96-CA

- 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 (8GB GDDR7)
- 32GB (5200MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD

AMD Ryzen 9 8940HX (2.4GHz), 32GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, AMD Radeon 610M, NVIDIA GeForce RTX 5070 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Strix G16 G614PP-DB96-CA AMD Ryzen™ 9 8940HX Laptop 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Green, 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		Audio	
Product type *	Laptop	Built-in microphone	✓
Product colour *	Black, Green, 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/m ²	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
Maximum refresh rate	165 Hz	HDMI ports quantity *	1
High Dynamic Range (HDR) supported	✓	HDMI version	2.1
High Dynamic Range (HDR) technology	Dolby Vision	Combo headphone/mic port	✓
Processor		Power adapter barrel connector	6.0 mm
Processor manufacturer *	AMD	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	AMD Ryzen™ 9	Keyboard	
Processor generation	AMD Ryzen 8000 Series	Pointing device	Touchpad
Processor model *	8940HX		
Processor cores	16		

Processor		Keyboard	
Processor threads	32	Numeric keypad *	✗
Processor boost frequency	5.3 GHz	Keyboard backlit	✓
Processor frequency *	2.4 GHz	Keyboard backlit colour	RGB
Processor cache type	L2 & L3	Keyboard backlit zone	Per-key RGB
L3 cache	64 MB	Copilot key	✓
L2 cache	16 MB	Software	
Memory		Operating system architecture	64-bit
Internal memory *	32 GB	Microsoft Copilot	✓
Internal memory type	DDR5-SDRAM	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Memory clock speed	5200 MHz	Operating system installed *	Windows 11 Home
Memory form factor	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.)
Memory layout (slots x size)	2 x 16 GB	Battery	
Memory slots	2x SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	64 GB	Number of battery cells	4
Storage		Battery capacity *	90 Wh
Total storage capacity *	1 TB	Fast charging	✓
Storage media *	SSD	Fast charging time (50%)	30 min
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	AC adapter power	280 W
SSD capacity	1 TB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	AC adapter output current	14 A
SSD form factor	M.2	AC adapter output voltage	20 V
Optical drive type *	✗	DC-in jack	✓
Card reader integrated	✗	USB Type-C charging port *	✓
Graphics		USB Power Delivery (USB PD)	✓
Discrete GPU manufacturer	NVIDIA	Security	
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	8 GB	Password protection	✓
Discrete graphics memory type	GDDR7	Password protection type	BIOS, User
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	AMD	Width	354 mm
Discrete graphics card *	✓	Depth	264 mm
On-board graphics card family	AMD Radeon	Height (front)	2.26 cm
On-board graphics card model *	AMD Radeon 610M	Height (rear)	3.04 cm
NVIDIA G-SYNC	✓	Weight *	2.5 kg
Audio		Packaging content	
Audio system	Smart Amp	AC adapter included *	✓
Number of built-in speakers	2		



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