

ASUS ROG Strix G16 G614PM-RV065W AMD Ryzen™ 9 8940HX Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Grey

Brand : ASUS

Product family: ROG

Product code: 90NR0KW7-M00DC0

Product name : G614PM-RV065W

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 5060 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

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Raise your game. Carry your squad.

Game with confidence thanks to the raw horsepower of the 2024 Strix G16. Powered by an AMD Ryzen™ 9 8940HX and an NVIDIA® GeForce® RTX 5060 (572 AI TOPS) Laptop GPU with a dedicated MUX Switch and NVIDIA Advanced Optimus, be ready to dominate the competition in all of the latest games. Sporting 16-inch and full-surround heat sinks with Tri-fan Technology, the Strix G16 is here to change the way you game.



Design		Camera	
Colour name	Eclipse Gray	Front camera HD type	Full HD
Product type *	Laptop	Network	
Product colour *	Black, Grey	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Housing material	Plastic, Aluminium	Mobile network connection *	✗
Display back cover material	Plastic	Antenna type	2x2
Market positioning	Gaming	Ethernet LAN	✓
Introduction year	2025	Ethernet LAN data rates	10,100,1000 Mbit/s
Certified refurbished	✗	Bluetooth	✓
Country of origin	China	Bluetooth version	5.3
Display		Ports & interfaces	
Display diagonal *	40.6 cm (16")	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display resolution *	1920 x 1200 pixels	USB4 Gen 3x2 ports quantity	2
Touchscreen *	✗	Ethernet LAN (RJ-45) ports	1
HD type	WUXGA	HDMI ports quantity *	1
Panel type	IPS-Level	HDMI version	2.1
Native aspect ratio	16:10	Combo headphone/mic port	✓
Anti-glare screen	✓	Power adapter barrel connector	6.0 mm
Display brightness	300 cd/m²	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	sRGB	Performance	
Colour gamut	100%	Repairability index	9.9
Display response rise/fall	3 ms	Keyboard	
Maximum refresh rate	165 Hz	Pointing device	Touchpad
Contrast ratio (typical)	1000:1	Numeric keypad *	✗
High Dynamic Range (HDR) supported	✓	Keyboard backlit	✓
High Dynamic Range (HDR) technology	Dolby Vision	Keyboard backlit colour	RGB
Processor		Keyboard backlit zone	4-zone RGB
Processor manufacturer *	AMD	Copilot key	✓
Processor family *	AMD Ryzen™ 9		
Processor generation	AMD Ryzen 8000 Series		
Processor model *	8940HX		

Processor		Software	
Processor cores	16	Operating system architecture	64-bit
Processor threads	32	Microsoft Copilot	✔
Processor boost frequency	5.3 GHz	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Processor frequency *	2.4 GHz		
Processor cache type	L2 & L3	Operating system installed *	Windows 11 Home
L3 cache	64 MB		
L2 cache	16 MB	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.)
Neural processor unit (NPU)			
Copilot+ PC	✗		
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	DDR5-SDRAM	Number of battery cells	4
Memory clock speed	5200 MHz	Battery capacity *	90 Wh
Memory form factor	SO-DIMM	Fast charging	✔
Memory layout (slots x size)	2 x 8 GB	Fast charging time (50%)	30 min
Memory slots	2x SO-DIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	280 W
Storage		AC adapter frequency	50 - 60 Hz
Total storage capacity *	1 TB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	14 A
Total SSDs capacity	1 TB	AC adapter output voltage	20 V
Number of SSDs installed	1	DC-in jack	✔
SSD capacity	1 TB	USB Type-C charging port *	✔
SSD interface	PCI Express 4.0	USB Type-C required charging power (min) *	45 W
NVMe	✔	USB Type-C required charging power (max) *	100 W
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 5060	Weight & dimensions	
Discrete graphics card memory	8 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 data	
On-board graphics card model *	AMD Radeon 610M	Package width	420 mm
Total Graphics Power (TGP)	115 W	Package depth	335 mm
NVIDIA G-SYNC	✔	Package height	106 mm
Audio		Package weight	4.93 kg
Audio system	Smart Amp	Packaging content	
Number of built-in speakers	2	AC adapter included *	✔
Built-in microphone	✔	Power cord included	✔
Camera		Logistics data	
Front camera	✔	Commodity Classification Automated Tracking System (CCATS)	8471300000



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Catalog Object Cloud



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