

ASUS ROG Strix G16 G614PW-RV006W AMD Ryzen™ 9 8940HX Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5080 Laptop GPU Wi-Fi 6E (802.11ax) Windows 11 Home Dutch Grey



Brand : ASUS

Product family: ROG

Product code: 90NR0QK7-M004X0

Product name : G614PW-RV006W

- Windows 11 Home 64-bit
 - AMD Ryzen 9 8940HX (2.4GHz)
 - 16" WUXGA 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 5080 Laptop GPU (16GB GDDR7)
 - 16GB (5200MHz) DDR5-SDRAM & 1000GB SSD
 AMD Ryzen 9 8940HX (2.4GHz), 16GB DDR5-SDRAM, 1000GB SSD, 16" WUXGA 1920 x 1200 IPS-Level, AMD Radeon 610M, NVIDIA GeForce RTX 5080 Laptop GPU (16GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

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Power up your play

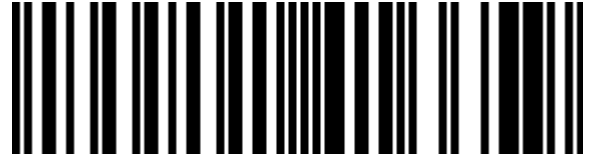
Draw more frames and win more games with the brand new Strix G16 and Windows 11. Powered by an AMD Ryzen™ 9 processor and a NVIDIA® GeForce RTX™ 50 Series Laptop GPU boasting a max TGP of 140W with Dynamic Boost, be ready to dominate the competition in all of the latest games. With DDR5 RAM and PCIe 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	AMD FreeSync	✓
Product type *	Laptop	Audio	
Product colour *	Grey	Audio system	Dolby Atmos
Form factor *	Clamshell	Number of built-in speakers	2
Housing material	Aluminium	Built-in microphone	✓
Display back cover material	Plastic	Camera	
Market positioning	Gaming	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
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:10	Ethernet LAN data rates	10,100,1000 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
Display brightness	300 cd/m²	Bluetooth version	5.4
RGB colour space	sRGB	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display response rise/fall	3 ms	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) technology	Dolby Vision	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	AMD		
Processor family *	AMD Ryzen™ 9		

Processor		Keyboard	
Processor generation	AMD Ryzen 8000 Series	Pointing device	Touchpad
Processor model *	8940HX	Numeric keypad *	✗
Processor cores	16	Keyboard backlit	✓
Processor threads	32	Keyboard backlit colour	RGB
Processor boost frequency	5.3 GHz	Keyboard backlit zone	4-zone RGB
Processor frequency *	2.4 GHz	Keyboard layout	QWERTY
Processor cache type	L2 & L3	Keyboard language	Dutch
L3 cache	64 MB	Software	
L2 cache	16 MB	Operating system architecture	64-bit
Memory		Trial software	1-month trial for new Microsoft 365 customers. Credit card required. McAfee® 30 days free trial
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	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.)
Memory clock speed	5200 MHz		
Memory form factor	SO-DIMM		
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	64 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage		Number of battery cells	4
Total storage capacity *	1 TB	Battery capacity *	90 Wh
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	330 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	16.5 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5080 Laptop GPU	Password protection	✓
Discrete graphics card memory	16 GB	Password protection type	BIOS, User
Discrete graphics memory type	GDDR7	Weight & dimensions	
On-board graphics card *	✓	Width	354 mm
On-board GPU manufacturer	AMD	Depth	264 mm
Discrete graphics card *	✓	Height (front)	2.26 cm
On-board graphics card family	AMD Radeon	Height (rear)	3.44 cm
On-board graphics card model *	AMD Radeon 610M	Weight *	2.55 kg
NVIDIA G-SYNC	✓	Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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