



**Notebook ASUS
ROG Strix G16
(2025) G614FR-
S5022W CPU
Ryzen 9 9955HX
2500 MHz 16
2560x1600 RAM
16GB DDR5
5600 MHz SSD
1TB NVIDIA
GeForce RTX
5070 Ti 12GB
ENG Windows 11
Home 2.5 kg
90NR0NK8-
M001X0**

Model: 90NR0NK8-M001X0

Manufacturer: ASUS

EAN: 4711387986172

Product Code: 42296

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R70,920

Power up your play

Draw more frames and win more games with the brand new Strix G16 and Windows 11 Pro. Powered by an AMD Ryzen™ 9 processor and a 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 32GB of 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.

- Windows 11 Home 64-bit
- AMD Ryzen 9 9955HX (2.5GHz)
- 40.6 cm (16") 2.5K 2560 x 1600 IPS, NVIDIA GeForce RTX 5070 Ti (12GB GDDR7)
- 16GB (5600MHz) DDR5-SDRAM (1 x 16) & 1000GB SSD

Summary: ASUS ROG Strix G16 G614FR-S5022W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 9955HX, Processor frequency: 2.5 GHz. Display diagonal: 40.6 cm (16"), HD type: 2.5K, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 610M. Operating system installed: Windows 11 Home. Product colour: Grey | Vendor Homepage: <https://rog.asus.com/laptops/rog-strix/rog-strix-g16-2025-g614/> | L2 cache: 16 | L3 cache: 64 | Processor boost frequency: 5.4 | Processor cache type: L2 & L3 | Processor cores: 16 | Processor family: AMD Ryzen™ 9 | Processor frequency: 2.5 | Processor generation: AMD Ryzen 9000 Series | Processor manufacturer: AMD | Processor model: 9955HX | Processor threads: 32 | Anti-glare screen: Yes | Colour gamut: 100 | Display diagonal: 16 | Display resolution: 2560 x 1600 | Display response rise/fall: 3 | HD type: 2.5K | High Dynamic Range (HDR) supported: Yes | High Dynamic Range (HDR) technology: Dolby Vision | Native aspect ratio: 16:10 | Panel type: IPS | RGB colour space: DCI-P3 | Touchscreen: No | Colour name: Eclipse Grey | Form factor: Clamshell | Housing material: Plastic | Introduction year: 2025 | Market positioning: Gaming | Product colour: Grey | Product type: Laptop | Internal memory: 16 | Internal memory type: DDR5-

SDRAM | Maximum internal memory: 64 | Memory clock speed: 5600 | Memory form factor: SO-DIMM | Memory layout (slots x size): 1 x 16 | Memory slots: 2x SO-DIMM | Card reader integrated: No | Number of SSDs installed: 1 | NVMe: Yes | Optical drive type: No | SSD capacity: 1000 | SSD form factor: M.2 | SSD interface: PCI Express 4.0 | Storage media: SSD | Total SSDs capacity: 1000 | Total storage capacity: 1000 | Discrete GPU manufacturer: NVIDIA | Discrete graphics card: Yes | Discrete graphics card memory: 12 | Discrete graphics card model: NVIDIA GeForce RTX 5070 Ti | Discrete graphics memory type: GDDR7 | NVIDIA G-SYNC: Yes | On-board GPU manufacturer: AMD | On-board graphics card: Yes | On-board graphics card family: AMD Radeon Graphics | On-board graphics card model: AMD Radeon 610M | Audio system: Smart Amp | Built-in microphone: Yes | Number of built-in speakers: 2 | Front camera: Yes | Front camera HD type: Full HD | Front camera resolution: 1920 x 1080 | Video capturing speed: 30 | Antenna type: 2x2 | Bluetooth: Yes | Bluetooth version: 5.3 | Ethernet LAN: Yes | Ethernet LAN data rates: 10/100/1000 | Mobile network connection: No | Top Wi-Fi standard: Wi-Fi 6E (802.11ax) | Wi-Fi standards: Wi-Fi 6E (802.11ax) | Combo headphone/mic port: Yes | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | HDMI version: 2.1 | Power adapter barrel connector: 6.0 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 2 | USB Type-C DisplayPort Alternate Mode: Yes | USB4 Gen 3x2 ports quantity: 2 | Copilot key: Yes | Keyboard backlit: Yes | Keyboard backlit colour: RGB | Keyboard backlit zone: Per-key RGB | Numeric keypad: No | Pointing device: NumberPad | Operating system architecture: 64-bit | Operating system installed: Windows 11 Home | Battery capacity: 90 | Battery technology: Lithium-Ion (Li-Ion) | Fast charging: Yes | Fast charging time (50%): 30 | Number of battery cells: 4 | AC adapter frequency: 50 - 60 | AC adapter input voltage: 100 - 240 | AC adapter output current: 14 | AC adapter output voltage: 20 | AC adapter power: 280 | USB Power Delivery (USB PD): Yes | USB Type-C charging port: Yes | Password protection: Yes | Password protection type: BIOS/User | Trusted Platform Module (TPM): Yes | Depth: 264 | Height (front): 22.6 | Height (rear): 30.4 | Weight: 2500 | Width: 354 | AC adapter included: Yes | NB Family name: ROG Strix | Model name: G16 (2025) | Units per Shipping Box: 1 | Unit Calculated Volume: 0.01477 | Unit Calculated Weight: 4.53