

**ASUS ROG Strix G16 G614PR-R9161W AMD Ryzen™ 9 8940HX Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5070 Ti Laptop GPU Wi-Fi 6E (802.11ax) Windows 11 Home Grey**



**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NR0NJ7-M001U0

**Product name :** G614PR-R9161W

- Windows 11 Home 64-bit  
 - AMD Ryzen 9 8940HX (2.4GHz)  
 - 16" WUXGA 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 5070 Ti Laptop GPU (12GB 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 5070 Ti Laptop GPU (12GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Strix G16 G614PR-R9161W AMD Ryzen™ 9 8940HX Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5070 Ti Laptop GPU Wi-Fi 6E (802.11ax) Windows 11 Home Grey:

#### 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                     |                       | Camera                                          |                     |
|----------------------------|-----------------------|-------------------------------------------------|---------------------|
| Colour name                | Eclipse Gray          | Front camera                                    | ✓                   |
| Product type *             | Laptop                | Front camera HD type                            | Full HD             |
| Product colour *           | Grey                  | <b>Network</b>                                  |                     |
| Form factor *              | Clamshell             | Top Wi-Fi standard *                            | Wi-Fi 6E (802.11ax) |
| Market positioning         | Gaming                | Wi-Fi standards                                 | Wi-Fi 6E (802.11ax) |
| Display                    |                       | Mobile network connection *                     | ✗                   |
| Display diagonal *         | 40.6 cm (16")         | Antenna type                                    | 2x2                 |
| Display resolution *       | 1920 x 1200 pixels    | Ethernet LAN                                    | ✓                   |
| Touchscreen *              | ✗                     | Bluetooth                                       | ✓                   |
| HD type                    | WUXGA                 | Bluetooth version                               | 5.3                 |
| Panel type                 | IPS-Level             | <b>Ports &amp; interfaces</b>                   |                     |
| Native aspect ratio        | 16:10                 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 2                   |
| Anti-glare screen          | ✓                     | USB4 Gen 3x2 ports quantity                     | 2                   |
| RGB colour space           | sRGB                  | Ethernet LAN (RJ-45) ports                      | 1                   |
| Colour gamut               | 100%                  | HDMI ports quantity *                           | 1                   |
| Display response rise/fall | 3 ms                  | HDMI version                                    | 2.1                 |
| Maximum refresh rate       | 165 Hz                | Thunderbolt 5 ports quantity                    | 2                   |
| Processor                  |                       | Intel® Thunderbolt 5                            | ✓                   |
| Processor manufacturer *   | AMD                   | Combo headphone/mic port                        | ✓                   |
| Processor family *         | AMD Ryzen™ 9          | USB Type-C DisplayPort Alternate Mode           | ✓                   |
| Processor generation       | AMD Ryzen 8000 Series | <b>Keyboard</b>                                 |                     |
| Processor model *          | 8940HX                | Pointing device                                 | Touchpad            |
| Processor cores            | 16                    | Numeric keypad *                                | ✗                   |
| Processor threads          | 32                    | Keyboard backlit                                | ✓                   |
| Processor boost frequency  | 5.3 GHz               | Keyboard backlit colour                         | RGB                 |
| Processor frequency *      | 2.4 GHz               |                                                 |                     |
| Processor cache type       | L2 & L3               |                                                 |                     |
| L3 cache                   | 64 MB                 |                                                 |                     |

| Processor                      |                                         | Keyboard                      |                                                                                                                                                                                                                                     |
|--------------------------------|-----------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2 cache                       | 16 MB                                   | Keyboard backlit zone         | 4-zone RGB                                                                                                                                                                                                                          |
| Memory                         |                                         | Copilot key                   | ✔                                                                                                                                                                                                                                   |
| Internal memory *              | 16 GB                                   | Software                      |                                                                                                                                                                                                                                     |
| Internal memory type           | DDR5-SDRAM                              | Operating system architecture | 64-bit                                                                                                                                                                                                                              |
| Memory clock speed             | 5200 MHz                                | Microsoft Copilot             | ✔                                                                                                                                                                                                                                   |
| Memory form factor             | SO-DIMM                                 | Trial software                | 1-month trial for new Microsoft 365 customers. Credit card required. McAfee® 30 days free trial                                                                                                                                     |
| Memory slots                   | 2x SO-DIMM                              |                               |                                                                                                                                                                                                                                     |
| Maximum internal memory *      | 64 GB                                   | Operating system installed *  | Windows 11 Home                                                                                                                                                                                                                     |
| Storage                        |                                         | 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.) |
| Total storage capacity *       | 1 TB                                    |                               |                                                                                                                                                                                                                                     |
| Storage media *                | SSD                                     |                               |                                                                                                                                                                                                                                     |
| Total SSDs capacity            | 1 TB                                    |                               |                                                                                                                                                                                                                                     |
| Number of SSDs installed       | 1                                       | Battery                       | Lithium-Ion (Li-Ion)                                                                                                                                                                                                                |
| SSD capacity                   | 1 TB                                    |                               |                                                                                                                                                                                                                                     |
| SSD interface                  | PCI Express 4.0                         |                               |                                                                                                                                                                                                                                     |
| NVMe                           | ✔                                       |                               |                                                                                                                                                                                                                                     |
| SSD form factor                | M.2                                     | Battery technology            |                                                                                                                                                                                                                                     |
| Optical drive type *           | ✗                                       | Number of battery cells       | 4                                                                                                                                                                                                                                   |
| Graphics                       |                                         | Battery capacity *            | 90 Wh                                                                                                                                                                                                                               |
| Discrete GPU manufacturer      | NVIDIA                                  | Power                         |                                                                                                                                                                                                                                     |
| Discrete graphics card model * | NVIDIA® GeForce RTX™ 5070 Ti Laptop GPU | AC adapter power              | 240 W                                                                                                                                                                                                                               |
| Discrete graphics card memory  | 12 GB                                   | AC adapter frequency          | 50 - 60 Hz                                                                                                                                                                                                                          |
| Discrete graphics memory type  | GDDR7                                   | AC adapter input voltage      | 100 - 240 V                                                                                                                                                                                                                         |
| On-board graphics card *       | ✔                                       | AC adapter output current     | 12 A                                                                                                                                                                                                                                |
| On-board GPU manufacturer      | AMD                                     | AC adapter output voltage     | 20 V                                                                                                                                                                                                                                |
| Discrete graphics card *       | ✔                                       | USB Type-C charging port *    | ✔                                                                                                                                                                                                                                   |
| On-board graphics card family  | AMD Radeon                              | USB Power Delivery (USB PD)   | ✔                                                                                                                                                                                                                                   |
| On-board graphics card model * | AMD Radeon 610M                         | Security                      |                                                                                                                                                                                                                                     |
| NVIDIA G-SYNC                  | ✔                                       | Trusted Platform Module (TPM) | ✔                                                                                                                                                                                                                                   |
| AMD FreeSync                   | ✔                                       | Password protection           | ✔                                                                                                                                                                                                                                   |
| Audio                          |                                         | Password protection type      | BIOS, User                                                                                                                                                                                                                          |
| Audio system                   | Dolby Atmos                             | Weight & dimensions           |                                                                                                                                                                                                                                     |
| Number of built-in speakers    | 2                                       | Width                         | 354 mm                                                                                                                                                                                                                              |
| Built-in microphone            | ✔                                       | Depth                         | 264 mm                                                                                                                                                                                                                              |
|                                |                                         | Height (front)                | 2.26 cm                                                                                                                                                                                                                             |
|                                |                                         | Height (rear)                 | 3.04 cm                                                                                                                                                                                                                             |
|                                |                                         | Weight *                      | 2.5 kg                                                                                                                                                                                                                              |
|                                |                                         | Packaging content             |                                                                                                                                                                                                                                     |
|                                |                                         | AC adapter included *         | ✔                                                                                                                                                                                                                                   |



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### Catalog Object Cloud



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