# ASUS ROG Zephyrus G14 GA403WP-QS005W AMD Ryzen AI 9 HX 370 Laptop 35.6 cm (14") 3K 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 7 (802.11be) Windows 11 Home Black, Grey





**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NR0LW1-M00110

**Product name :** GA403WP-QS005W

- Windows 11 Home 64-bit
- AMD Ryzen AI 9 HX 370 (24MB Cache, 2GHz)
- 35.6 cm (14") 3K 2880 x 1800 OLED, NVIDIA GeForce RTX 5070 (8GB GDDR7)
- 32GB (7500MHz) LPDDR5x-SDRAM & 1000GB SSD

AMD Ryzen AI 9 HX 370 (24MB Cache, 2GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 35.6 cm (14") 3K 2880 x 1800 OLED, AMD Radeon 890M, NVIDIA GeForce RTX 5070 (8GB GDDR7), WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Zephyrus G14 GA403WP-QS005W AMD Ryzen AI 9 HX 370 Laptop 35.6 cm (14") 3K 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 7 (802.11be) Windows 11 Home Black, Grey:

**The Dawn of A New Age**
Effortlessly game, create, and collaborate on this next-gen Windows 11 Pro machine. Featuring up to an AMD Ryzen™ AI 9 HX 370 processor and up to an NVIDIA® GeForce RTX™ 5080 Laptop GPU, this 14-inch machine can easily handle the latest games and cutting-edge creative software alike. AI accelerators built into both the CPU and GPU allow the Zephyrus G14 to remain the lightest ROG laptop we've ever produced, without breaking a sweat when it's time to get to work.

| Design | |
|---|---|
| Colour name | Eclipse Gray |
| Product type * | Laptop |
| Product colour * | Black, Grey |
| Form factor * | Clamshell |
| Housing material | Aluminium |
| Market positioning | Gaming |
| Introduction year | 2025 |

| Display | |
|---|---|
| Display diagonal * | 35.6 cm (14") |
| Display resolution * | 2880 x 1800 pixels |
| Touchscreen * | ✗ |
| HD type | 3K |
| Panel type | OLED |
| Native aspect ratio | 16:10 |
| Display surface | Gloss |
| Display brightness | 400 cd/m² |
| Maximum display brightness (HDR) | 500 cd/m² |
| RGB colour space | DCI-P3 |
| Colour gamut | 100% |
| Maximum refresh rate | 120 Hz |
| Contrast ratio (typical) | 1000000:1 |
| High Dynamic Range (HDR) supported | ✓ |
| High Dynamic Range (HDR) technology | Dolby Vision |

| Processor | |
|---|---|
| Processor manufacturer * | AMD |
| Processor family * | AMD Ryzen AI 9 HX |
| Processor generation | AMD Ryzen AI 300 Series |
| Processor model * | 370 |

| Audio | |
|---|---|
| Number of built-in speakers | 4 |
| Built-in microphone | ✓ |
| Number of microphones | 3 |

| Camera | |
|---|---|
| Front camera | ✓ |
| Front camera HD type | Full HD |
| Infrared (IR) camera | ✓ |

| Network | |
|---|---|
| Top Wi-Fi standard * | Wi-Fi 7 (802.11be) |
| Wi-Fi standards | Wi-Fi 7 (802.11be) |
| Mobile network connection * | ✗ |
| Antenna type | 2x2 |
| Ethernet LAN | ✗ |
| Bluetooth | ✓ |
| Bluetooth version | 5.4 |

| Ports & interfaces | |
|---|---|
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 2 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| USB4 Gen 3x2 ports quantity | 1 |
| HDMI ports quantity * | 1 |
| HDMI version | 2.1 |
| Combo headphone/mic port | ✓ |
| USB Type-C DisplayPort Alternate Mode | ✓ |

| Performance | |
|---|---|
| Repairability index | 9.6 |

## Processor

| | |
|---|---|
| Processor cores | 12 |
| Processor threads | 24 |
| Processor boost frequency | 5.1 GHz |
| Processor frequency * | 2 GHz |
| Processor cache | 24 MB |
| Processor cache type | L2 & L3 |

## Neural processor unit (NPU)

| | |
|---|---|
| Neural processor unit (NPU) | AMD Ryzen AI |
| Total processor performance up to | 80 TOPs |
| NPU performance up to | 50 TOPs |

## Memory

| | |
|---|---|
| Internal memory * | 32 GB |
| Internal memory type | LPDDR5x-SDRAM |
| Memory clock speed | 7500 MHz |
| Memory form factor | On-board |
| Maximum internal memory * | 32 GB |
| Memory channels | Dual-channel |

## Storage

| | |
|---|---|
| Total storage capacity * | 1 TB |
| Storage media * | SSD |
| Total SSDs capacity | 1 TB |
| Number of SSDs installed | 1 |
| SSD capacity | 1 TB |
| SSD interface | PCI Express 4.0 |
| NVMe | ✔ |
| SSD form factor | M.2 |
| M.2 SSD size | 2280 (22 x 80 mm) |
| Optical drive type * | ✘ |
| Card reader integrated | ✔ |
| Compatible memory cards | MicroSD (TransFlash) |

## Graphics

| | |
|---|---|
| Discrete GPU manufacturer | NVIDIA |
| Discrete graphics card model * | NVIDIA GeForce RTX 5070 |
| Discrete graphics card memory | 8 GB |
| Discrete graphics memory type | GDDR7 |
| On-board graphics card * | ✔ |
| On-board GPU manufacturer | AMD |
| Discrete graphics card * | ✔ |
| On-board graphics card family | AMD Radeon |
| On-board graphics card model * | AMD Radeon 890M |
| NVIDIA G-SYNC | ✔ |

## Keyboard

| | |
|---|---|
| Pointing device | Touchpad |
| Numeric keypad * | ✘ |
| Keyboard backlit | ✔ |
| Keyboard backlit colour | RGB |
| Keyboard backlit zone | 1-zone RGB |
| Copilot key | ✔ |

## Software

| | |
|---|---|
| Operating system architecture | 64-bit |
| Microsoft Copilot | ✔ |
| Trial software | 1-month trial for new Microsoft 365 customers. Credit card required. |
| Operating system installed * | Windows 11 Home |
| 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.) |

## Battery

| | |
|---|---|
| Battery technology | Lithium-Ion (Li-Ion) |
| Number of battery cells | 4 |
| Battery capacity * | 73 Wh |
| Fast charging | ✔ |
| Fast charging time (50%) | 30 min |

## Power

| | |
|---|---|
| AC adapter power | 200 W |
| AC adapter frequency | 50 - 60 Hz |
| AC adapter input voltage | 100 - 240 V |
| AC adapter output current | 10 A |
| AC adapter output voltage | 20 V |
| DC-in jack | ✔ |
| USB Type-C charging port * | ✔ |
| USB Type-C required charging power (min) * | 45 W |
| USB Type-C required charging power (max) * | 100 W |
| USB Power Delivery (USB PD) | ✔ |

## Security

| | |
|---|---|
| Face recognition | ✔ |
| Windows Hello | ✔ |
| Password protection | ✔ |
| Password protection type | BIOS, User |

## Weight & dimensions

| | |
|---|---|
| Width | 311 mm |
| Depth | 220 mm |
| Height (front) | 1.59 cm |
| Height (rear) | 1.63 cm |
| Weight * | 1.5 kg |

## Packaging content

| | |
|---|---|
| AC adapter included * | ✔ |

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