# ASUS ROG Zephyrus G16 GU603VI-N4015W notebook i9-13900H 40.6 cm (16") WQXGA Intel® Core™ i9 16 GB DDR4-SDRAM 1000 GB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey

**Brand :** ASUS

**Product family:** ROG

**Product code:** GU603VI-N4015W

**Product name :** GU603VI-N4015W

- Windows 11 Home 64-bit
- Intel Core i9-13900H (24MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 4070 (8GB GDDR6)
- 16GB DDR4-SDRAM (1 x 16) & 1000GB SSD

Intel Core i9-13900H (24MB Cache), 16GB DDR4-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Zephyrus G16 GU603VI-N4015W. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13900H. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1000 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4070. Operating system installed: Windows 11 Home. Product colour: Grey

| Design | |
|---|---|
| Colour name | Eclipse Gray |
| Product type * | Notebook |
| Product colour * | Grey |
| Form factor * | Clamshell |
| Market positioning | Gaming |

| Display | |
|---|---|
| Display diagonal * | 40.6 cm (16") |
| Display resolution * | 2560 x 1600 pixels |
| Touchscreen * | ✗ |
| HD type | WQXGA |
| Panel type | IPS |
| Native aspect ratio | 16:10 |
| Anti-glare screen | ✓ |
| RGB colour space | DCI-P3 |
| Colour gamut | 100% |
| Maximum refresh rate | 240 Hz |
| High Dynamic Range (HDR) supported | ✓ |
| High Dynamic Range (HDR) technology | Dolby Vision |

| Processor | |
|---|---|
| Processor manufacturer * | Intel |
| Processor generation | 13th gen Intel® Core™ i9 |
| Processor model * | i9-13900H |
| Processor family * | Intel® Core™ i9 |
| Processor boost frequency | 5.4 GHz |
| Processor cores | 14 |
| Processor cache | 24 MB |
| Configurable TDP-down | 35 W |

| Memory | |
|---|---|
| Internal memory * | 16 GB |
| Internal memory type | DDR4-SDRAM |
| Memory form factor | On-board |

| Network | |
|---|---|
| Antenna type | 2x2 |
| Ethernet LAN | ✓ |
| Bluetooth | ✓ |
| Bluetooth version | 5.2 |

| 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 |
| Ethernet LAN (RJ-45) ports | 1 |
| HDMI ports quantity * | 1 |
| HDMI version | 2.1 |
| Thunderbolt 4 ports quantity | 1 |
| Intel® Thunderbolt 4 | ✓ |
| Combo headphone/mic port | ✓ |
| Power adapter barrel connector | 6.0 mm |
| USB Type-C DisplayPort Alternate Mode | ✓ |
| USB Power Delivery | ✓ |

| Keyboard | |
|---|---|
| Pointing device | Touchpad |
| Numeric keypad * | ✗ |
| Keyboard backlit | ✓ |

| Software | |
|---|---|
| Operating system architecture | 64-bit |
| Operating system installed * | Windows 11 Home |

| Processor special features | |
|---|---|
| Intel Flex Memory Access | ✓ |
| Intel Trusted Execution Technology | ✓ |
| Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Intel Stable Image Platform Program (SIPP) | ✓ |

| Memory | |
|---|---|
| Memory layout (slots x size) | 1 x 16 GB |
| Maximum internal memory * | 48 GB |

| Storage | |
|---|---|
| Total storage capacity * | 1000 GB |
| Storage media * | SSD |
| Total SSDs capacity | 1000 GB |
| Number of SSDs installed | 1 |
| SSD capacity | 1000 GB |
| SSD interface | PCI Express 4.0 |
| NVMe | ✓ |
| SSD form factor | M.2 |
| Optical drive type * | ✗ |

| Graphics | |
|---|---|
| Discrete GPU manufacturer | NVIDIA |
| Discrete graphics card model * | NVIDIA GeForce RTX 4070 |
| On-board graphics card * | ✓ |
| Discrete graphics card * | ✓ |
| On-board graphics card model * | Intel Iris Xe Graphics |
| Discrete graphics card memory | 8 GB |
| Discrete graphics memory type | GDDR6 |

| Audio | |
|---|---|
| Audio system | Dolby Atmos |
| Built-in microphone | ✓ |

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

| Network | |
|---|---|
| Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| Wi-Fi standards | Wi-Fi 6E (802.11ax) |
| Mobile network connection * | ✗ |

| Processor special features | |
|---|---|
| Execute Disable Bit | ✓ |
| CPU configuration (max) | 1 |
| Embedded options available | ✗ |
| Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Intel Virtualization Technology (VT-x) | ✓ |

| Battery | |
|---|---|
| Battery technology | Lithium-Ion (Li-Ion) |
| Number of battery cells | 4 |
| Battery capacity * | 90 Wh |

| Power | |
|---|---|
| AC adapter power | 240 W |
| AC adapter frequency | 50 - 60 Hz |
| AC adapter input voltage | 100 - 240 V |
| AC adapter output current | 12 A |
| AC adapter output voltage | 20 V |

| Security | |
|---|---|
| Cable lock slot | ✓ |
| Cable lock slot type | Kensington |
| Windows Hello | ✓ |
| Trusted Platform Module (TPM) | ✓ |
| Password protection | ✓ |
| Password protection type | BIOS, User |

| Weight & dimensions | |
|---|---|
| Width | 355 mm |
| Depth | 243 mm |
| Height (front) | 1.99 cm |
| Height (rear) | 2.23 cm |
| Weight * | 2 kg |

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