

ASUS ROG Zephyrus G16 GU605MI-QP121W-BE Intel Core Ultra 7 155H Laptop 40.6 cm (16") WQXGA 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey, Black

Brand : ASUS

Product family: ROG

Product code: 90NR0IS3-M006W0

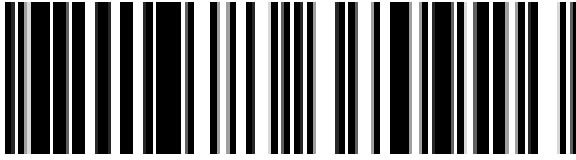
Product name : GU605MI-QP121W-BE

- Windows 11 Home 64-bit
- Intel Core Ultra 7 155H (24MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600, NVIDIA GeForce RTX 4070 (8GB GDDR6)
- 32GB (7467MHz) LPDDR5x-SDRAM & 1000GB SSD
Intel Core Ultra 7 155H (24MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600, Intel Arc Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit
ASUS ROG Zephyrus G16 GU605MI-QP121W-BE. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4070. Operating system installed: Windows 11 Home. Product colour: Grey, Black

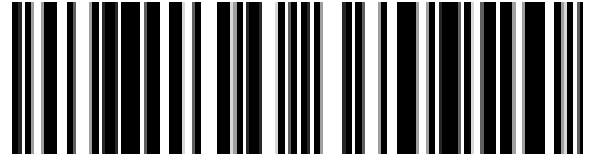


| Design | | Graphics | |
|--------------------------------------|--------------------|---|---------------------|
| Colour name | Eclipse Gray | On-board graphics card * | ✓ |
| Product type * | Laptop | On-board GPU manufacturer | Intel |
| Product colour * | Grey, Black | Discrete graphics card * | ✓ |
| Form factor * | Clamshell | On-board graphics card model * | Intel Arc Graphics |
| Market positioning | Gaming | NVIDIA G-SYNC | ✓ |
| Introduction year | 2023 | Audio | |
| Display | | Audio system | Smart Amp |
| Display diagonal * | 40.6 cm (16") | Speaker power | 4 W |
| Display resolution * | 2560 x 1600 pixels | Built-in microphone | ✓ |
| Touchscreen * | ✗ | Number of microphones | 3 |
| HD type | WQXGA | Camera | |
| Native aspect ratio | 16:10 | Front camera | ✓ |
| Anti-glare screen | ✓ | Front camera resolution | 1920 x 1080 pixels |
| Display brightness | 500 cd/m² | Front camera HD type | Full HD |
| RGB colour space | DCI-P3 | Infrared (IR) camera | ✓ |
| Colour gamut | 100% | Network | |
| Display response rise/fall | 3 ms | Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| Maximum refresh rate | 240 Hz | Wi-Fi standards | Wi-Fi 6E (802.11ax) |
| Contrast ratio (typical) | 1200:1 | Mobile network connection * | ✗ |
| High Dynamic Range (HDR) supported | ✓ | Antenna type | 2x2 |
| High Dynamic Range (HDR) technology | Dolby Vision | Ethernet LAN | ✗ |
| Processor | | Bluetooth | ✓ |
| Processor manufacturer * | Intel | Bluetooth version | 5.3 |
| Processor family * | Intel Core Ultra 7 | Ports & interfaces | |
| Processor model * | 155H | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 2 |
| Processor cores | 16 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| Processor boost frequency | 4.8 GHz | HDMI ports quantity * | 1 |
| Performance cores | 6 | HDMI version | 2.1 |
| Efficient cores | 8 | Thunderbolt 4 ports quantity | 1 |
| Performance-core Max Turbo Frequency | 4.8 GHz | Intel® Thunderbolt 4 | ✓ |
| Efficient-core Max Turbo Frequency | 3.8 GHz | | |

| Processor | | Ports & interfaces | |
|---|---|---------------------------------------|---|
| Performance-core base frequency | 1.4 GHz | Combo headphone/mic port | ✓ |
| Efficient-core base frequency | 0.9 GHz | USB Type-C DisplayPort Alternate Mode | ✓ |
| Processor cache | 24 MB | USB Power Delivery | ✓ |
| Processor cache type | Smart Cache | | |
| Processor base power | 28 W | | |
| Maximum turbo power | 115 W | | |
| Neural processor unit (NPU) | | Keyboard | |
| Neural processor unit (NPU) | Intel AI Boost | Pointing device | Touchpad |
| Maximum frequency NPU | 1.4 GHz | Keyboard layout | AZERTY |
| Sparsity support | ✓ | Keyboard language | Belgian |
| Windows Studio effects support | ✓ | Numeric keypad * | ✗ |
| AI datatype support on NPU | FP16, FP32, Int8 | Keyboard backlit | ✓ |
| AI software frameworks supported by NPU | DirectML, ONNX RT, OpenVINO, Windows ML | Keyboard backlit colour | RGB |
| | | Keyboard backlit zone | 1-zone RGB |
| Memory | | Software | |
| Internal memory * | 32 GB | Operating system architecture | 64-bit |
| Internal memory type | LPDDR5x-SDRAM | Trial software | 1-month trial for new Microsoft 365 customers. Credit card required. |
| Memory clock speed | 7467 MHz | Operating system installed * | Windows 11 Home |
| Memory form factor | On-board | | Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.) |
| Maximum internal memory * | 32 GB | | |
| Memory channels | Dual-channel | Bundled software | |
| | | | |
| Storage | | Battery | |
| Total storage capacity * | 1 TB | Battery technology | Lithium-Ion (Li-Ion) |
| Storage media * | SSD | Number of battery cells | 4 |
| Total SSDs capacity | 1 TB | Battery capacity * | 90 Wh |
| Number of SSDs installed | 1 | Fast charging | ✓ |
| SSD capacity | 1 TB | Fast charging time (50%) | 30 min |
| SSD interface | PCI Express 4.0 | | |
| NVMe | ✓ | | |
| SSD form factor | M.2 | | |
| Optical drive type * | ✗ | | |
| Card reader integrated | ✓ | | |
| Compatible memory cards | SD | | |
| | | | |
| Graphics | | Power | |
| Discrete GPU manufacturer | NVIDIA | AC adapter power | 200 W |
| Discrete graphics card model * | NVIDIA GeForce RTX 4070 | AC adapter frequency | 50 - 60 Hz |
| Discrete graphics card memory | 8 GB | AC adapter input voltage | 100 - 240 V |
| Discrete graphics memory type | GDDR6 | AC adapter output current | 10 A |
| | | AC adapter output voltage | 20 V |
| | | | |
| | | Security | |
| | | Face recognition | ✓ |
| | | Windows Hello | ✓ |
| | | Trusted Platform Module (TPM) | ✓ |
| | | Password protection | ✓ |
| | | Password protection type | BIOS, User |
| | | | |
| | | Weight & dimensions | |
| | | Width | 354 mm |
| | | Depth | 246 mm |
| | | Height (front) | 1.62 cm |
| | | Height (rear) | 1.72 cm |
| | | Weight * | 1.85 kg |



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