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|------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Part No                            | 90NR0PC1-M002U0                                                                                                        |
| Sales Model Name                   | ZEPHYRUS-G16-GU606AR-DR4W                                                                                              |
| EAN Code                           | 4711636447324                                                                                                          |
| UPC Code                           | 199291447325                                                                                                           |
| BASE UNIT                          | VSNR0PC1-BU1100                                                                                                        |
| Marketing Name                     | ROG Zephyrus G16                                                                                                       |
| Operating System                   | Windows 11 Home                                                                                                        |
| Office                             | 1-month trial for new Microsoft 365 customers. Credit card required.                                                   |
| Color                              | Platinum White                                                                                                         |
| Dimension (W x D x H)              | 35.4 x 24.6 x 1.49 ~ 1.79 cm (13.94" x 9.69" x 0.59" ~ 0.70")                                                          |
| Dimension for keyboard (W x D x H) | Dimension of keyboard: %.? x %.? x %.?? cm                                                                             |
| Weight                             | 1.95 Kg (4.30 lbs)                                                                                                     |
| Processor                          | Intel® Core™ Ultra 9 Processor 386H 2.1 GHz (18MB Cache, up to 4.9 GHz, 16 cores, 16 Threads); Intel® NPU up to 50TOPS |
| Chipset                            | N/A                                                                                                                    |
| Intergrated GPU                    | Intel® Graphics                                                                                                        |
| Discrete/Optimus                   | MUX Switch + NVIDIA® Advanced Optimus                                                                                  |
| Graphic                            | NVIDIA® GeForce RTX™ 5070 Ti Laptop GPU                                                                                |
| Graphic Memory                     | 12GB GDDR7                                                                                                             |
| Neural Processor                   | Intel® NPU up to 50TOPS                                                                                                |
| Panel Size                         | 16-inch                                                                                                                |
| Resolution                         | 2.5K (2560 x 1600, WQXGA) OLED 16:10 aspect ratio                                                                      |
| Refresh Rate                       | 240Hz                                                                                                                  |
| Viewing Angle                      | 89/89/89/89                                                                                                            |
| Panel Tech                         | OLED                                                                                                                   |
| Brightness                         | 1100 nits (Peak)                                                                                                       |
| Contrast Ratio                     | 1,000,000:1                                                                                                            |
| Surface texture of display         | Anti-reflection display                                                                                                |
| Adaptive-Sync technology           | G-Sync                                                                                                                 |
| Pantone                            | Pantone Validated                                                                                                      |
| Nebula Display                     | ROG Nebula HDR Display                                                                                                 |
| Support Dolby Vision HDR           | Yes                                                                                                                    |
| On board memory                    | 32GB LPDDR5X 8533 on board(Actual memory speeds may vary by CPU configuration.)                                        |
| Total System Memory                | LPDDR5X 32GB                                                                                                           |
| Memory Slot                        | No expansion possible                                                                                                  |

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Memory Max.                           | 32GB                                                                                                                                                                                                                                                                                                                                                                                                           |
| Multi-channel memory technology       | Support dual channel memory technology                                                                                                                                                                                                                                                                                                                                                                         |
| Storage                               | 1TB PCIe® 4.0 NVMe™ M.2 SSD                                                                                                                                                                                                                                                                                                                                                                                    |
| M.2 slots support either SATA or NVMe | 2                                                                                                                                                                                                                                                                                                                                                                                                              |
| M.2 SSD Support List                  | 1TB M.2 NVMe™ PCIe® G5x4 Performance SSD (ACC only)<br>2TB M.2 NVMe™ PCIe® G5x4 Performance SSD (ACC only)<br>1TB M.2 NVMe™ PCIe® G4x4 Value SSD<br>2TB M.2 NVMe™ PCIe® G4x4 Value SSD                                                                                                                                                                                                                         |
| Expansion Slot (includes used)        | 2x M.2 PCIe                                                                                                                                                                                                                                                                                                                                                                                                    |
| LAN                                   | N/A                                                                                                                                                                                                                                                                                                                                                                                                            |
| Wireless                              | Wi-Fi 7(802.11be) (Triple band) 2*2 + Bluetooth® 6.0 Wireless Card (*Bluetooth® version may change with OS version different.)                                                                                                                                                                                                                                                                                 |
| I/O Ports                             | 1x Thunderbolt™ 4 with support for DisplayPort™ / power delivery (data speed up to 40Gbps)<br>1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 10Gbps)<br>2x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps)<br>1x card reader (SD) (UHS-II, 312MB/s)                                                                                                          |
| Display output                        | 1x HDMI 2.1 FRL                                                                                                                                                                                                                                                                                                                                                                                                |
| Camera                                | 1080P FHD IR Camera for Windows Hello                                                                                                                                                                                                                                                                                                                                                                          |
| Mic                                   | Built-in array microphone                                                                                                                                                                                                                                                                                                                                                                                      |
| Keyboard Type                         | Backlit Chiclet Keyboard 1-Zone RGB<br>With Copilot key<br>*Copilot in Windows (in preview) is rolling out gradually within the latest update to Windows 11 in select global markets. Timing of availability varies by device and market. Learn more:<br><a href="https://www.microsoft.com/en-us/windows/copilot-ai-features?r=1#faq">https://www.microsoft.com/en-us/windows/copilot-ai-features?r=1#faq</a> |
| Aura Sync                             | N/A                                                                                                                                                                                                                                                                                                                                                                                                            |
| Touchpad                              | Touchpad<br>N/A                                                                                                                                                                                                                                                                                                                                                                                                |
| Speakers                              | 4-speaker (dual-force woofer) system with Smart Amplifier Technology, 2 Tweeters                                                                                                                                                                                                                                                                                                                               |
| Audio                                 | 1x 3.5mm Combo Audio Jack<br>Built-in array microphone                                                                                                                                                                                                                                                                                                                                                         |
| Audio Tech                            | AI noise-canceling technology<br>Dolby Atmos<br>Smart Amp Technology                                                                                                                                                                                                                                                                                                                                           |
| Security                              | BIOS Administrator Password and User Password Protection<br>Pluton Security Processor<br>Secured-core PC (Level 3)                                                                                                                                                                                                                                                                                             |
| Antivirus                             | McAfee® 30 days free trial                                                                                                                                                                                                                                                                                                                                                                                     |
| Battery                               | 90WHrs, 4S1P, 4-cell Li-ion                                                                                                                                                                                                                                                                                                                                                                                    |
| Fast charging                         | Recharge from 0-50% in 30 minutes                                                                                                                                                                                                                                                                                                                                                                              |
| Power                                 | Rectangle Conn, 250W AC Adapter, Output: 20V DC, 12.5A, 250W, Input: 100-240V AC, 50/60Hz universal                                                                                                                                                                                                                                                                                                            |
| Required charging power               | Min: 45W<br>Max: 100W<br>*The indicated wattage is for demonstrating the system's support capability as required by EU regulations. For optimal system performance, please use the standard-wattage adapter or higher.                                                                                                                                                                                         |
| Xbox Game Pass                        | 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.)                                                                                                                                                                            |
| Ecolabels & Compliances               | N/A                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reparability Index (for France)       | %.?                                                                                                                                                                                                                                                                                                                                                                                                            |

