

Part No	**90NR0JA2-M00670**
Model Name	**GA605WV-QR016W**
EAN Code	**4711387641361**
UPC Code	**197105641365**
WEEE	**2.586**
BASE UNIT	**VSNR0JA2-BU1100**
Marketing Name	**ROG Zephyrus G16 (AMD)**
Color	**Platinum White**
Dimension (W x D x H)	**35.4 x 24.6 x 1.49 ~ 1.64 cm (13.94" x 9.69" x 0.59" ~ 0.65")**
Weight	**1.85 Kg (4.08 lbs)**
Processor	**AMD Ryzen™ AI 9 HX 370 Processor 2.0GHz (36MB Cache, up to 5.1GHz, 12 cores, 24 Threads); AMD Ryzen™ AI up to 81 TOPs**
Chipset	**N/A**
Discrete/Optimus	**MUX Switch + NVIDIA® Advanced Optimus**
Graphic	**NVIDIA® GeForce RTX™ 4060 Laptop GPU**
Graphic Memory	**8GB GDDR6**
Intergrated GPU	**AMD Radeon™ Graphics**
Neural Processor	**XDNA up to 50TOPs**
Panel Size	**16-inch**
Resolution	**2.5K (2560 x 1600, WQXGA) 16:10 aspect ratio**
Refresh Rate	**240Hz**
Response Time (G2G)	**0.2ms**
Viewing Angle	**89/89/89/89**
Panel Tech	**OLED**
Brightness	**500 nits**
Contrast	**1,000,000:1**
DCI-P3 %	**100%**
Anti glare	**Glossy display**
Adaptive-Sync technology	**G-Sync / Adaptive-Sync**
Pantone	**Pantone Validated**
Nebula Display	**ROG Nebula Display**
Support Dolby Vision HDR	**Yes**
On board memory	**16GB*2 LPDDR5X on board**
Total System Memory	**LPDDR5X 32GB**
Memory Slot	**N/A**
Memory Max.	**32GB**

Multi-channel memory technology	**Support dual channel memory**
System Storage Installed	**1TB PCIe® 4.0 NVMe™ M.2 SSD**
M.2 slots support either SATA or NVMe	**2**
M.2 SSD Support List	**512GB M.2 NVMe PCIe 4.0 SSD** **1TB M.2 NVMe PCIe 4.0 SSD** **2TB M.2 NVMe PCIe 4.0 SSD**
Expansion Slot (includes used)	**2x PCIe**
LAN	**N/A**
Wi-Fi/Bluetooth	**Wi-Fi 7(802.11be) (Triple band) 2*2+Bluetooth® 5.4 Wireless Card (*Bluetooth® version may change with OS version different.)**
I/O Ports	**1x Type C USB 4 support DisplayPort™ / power delivery** **1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery** **2x USB 3.2 Gen 2 Type-A** **1x card reader (SD Card) (SD Express 7.0)**
Display output	**1x HDMI 2.1 FRL**
Audio	**1x 3.5mm Combo Audio Jack**
Camera	**1080P FHD IR Camera for Windows Hello**
Mic	**Built-in 3-microphone array**
Keyboard Type	**Backlit Chiclet Keyboard Single Light** **With Copilot key** ***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: https://www.microsoft.com/en-us/windows/copilot-ai-features?r=1#faq**
NumberPad	**N/A**
Aura Sync	**N/A**
Speakers	**4-speaker (dual force woofer) system with Smart Amplifier Technology, 2 Tweeters**
Audio Tech	**AI noise-canceling technology** **Dolby Atmos** **Hi-Res certification (for headphone)** **Smart Amp Technology**
Operating System	**Windows 11 Home**
Office	**1-month trial for new Microsoft 365 customers. Credit card required.**
Antivirus	**McAfee® 30 days free trial**
Xbox Game Pass	**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.)**
Security	**BIOS Administrator Password and User Password Protection** **Pluton Security Processor** **Secured-core PC (Level 3)** **Trusted Platform Module (Firmware TPM)**
Battery	**90WHrs, 4S1P, 4-cell Li-ion**
Fast charging	**Recharge from 0-50% in 30 minutes**
Power	**Rectangle Conn, 200W AC Adapter, Output: 20V DC, 10A, 200W, Input: 100-240V AC, 50/60Hz universal**
Ecolabels & Compliances	**N/A**
Reparability Index (for FR)	**?.?**