



Part No	90NR0J92-M00170
Model Name	GA605WI-QR028X
EAN Code	4711387657355
UPC Code	197105657359
WEEE	2.586
BASE UNIT	VSNR0J92-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™ 4070 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 Pro
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)	?.?

