

Part No	90NR0MM1-M006T0
	
Sales Model Name	GU605CP-QR027W
EAN Code	4711636588348
UPC Code	199291588349
WEEE	2.793
BASE UNIT	VSNR0MM1-BU1101
Marketing Name	ROG Zephyrus G16
Operating System	Windows 11 Home
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Color	Eclipse Gray
Top case-material	Aluminum
LCD cover-material	Texture plastic
Bottom case-material	Aluminum
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	Intel® Core™ Ultra 7 Processor 255H 2.0 GHz (24MB Cache, up to 5.1 GHz, 16 cores, 16 Threads) Intel® AI Boost NPU up to 13TOPS
Chipset	N/A
Integrated GPU	Intel® Arc™ Graphics
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic Wattage	ROG Boost: 1595MHz* at 105W (1545MHz Boost Clock+50MHz OC, 90W+15W Dynamic Boost)
Graphic	NVIDIA® GeForce RTX™ 5070 Laptop GPU
Graphic Memory	8GB GDDR7
Neural Processor	Intel® AI Boost NPU up to 13TOPS
Panel Size	16-inch
Resolution	2.5K (2560 x 1600, WQXGA) OLED 16:10 aspect ratio
Response Time (G2G)	
Refresh Rate	240Hz
Viewing Angle	89/89/89/89
Panel Tech	OLED
Contrast Ratio	1,000,000:1
Brightness	500 nits (Peak)
NTSC %	
SRGB %	

DCI-P3 %	100%
Adobe %	
Surface texture of display	Anti-glare and low-reflection(AGLR) display
Adaptive-Sync technology	G-Sync
Pantone	Pantone Validated
Nebula Display	ROG Nebula Display
Support Dolby Vision HDR	Yes
On board memory	16GB LPDDR5X 7467 on board(Actual memory speeds may vary by CPU configuration.)
DIMM Memory	
Total System Memory	LPDDR5X 16GB
Memory Slot	No expansion possible
Memory Max.	16GB
Multi-channel memory technology	Support dual channel memory technology
How to upgrade memory	
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® G4x4 Performance SSD (ACC/TW only) 2TB M.2 NVMe™ PCIe® G4x4 Performance SSD (ACC/TW only) 1TB M.2 NVMe™ PCIe® G4x4 Value SSD 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® 5.4 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) 2x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps) 1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 10Gbps) 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 3-microphone array
Keyboard Type	Backlit Chiclet Keyboard 1-Zone RGB
Aura Sync	Yes
Touchpad	Touchpad N/A
Speakers	4-speaker (dual-force woofer) system with Smart Amplifier Technology, 2 Tweeters
Audio Tech	Smart Amp Technology AI noise-canceling technology Hi-Res certification (for headphone) Dolby Atmos
Audio	1x 3.5mm Combo Audio Jack Built-in 3-microphone array
Security	Trusted Platform Module (Firmware TPM) BIOS Administrator Password and User Password Protection
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, 200W AC Adapter, Output: 20V DC, 10A, 200W, Input: 100-240V AC, 50/60Hz universal
Charger included	Included
Required charging power	Min: 45W Max: 100W *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)	9.9
Reparability Index (for BNL)	9.1