Part No	90NR0IS1-M008J0
Model Name	GU605MI-QR128W-PRO
EAN Code	4711387472
UPC Code	1971054729
WEEE	2.586
BASE UNIT	VSNR0IS1-BU1101
Marketing Name	ROG Zephyrus G16
Color	Eclipse Gray
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 9 Processor 185H 2.3 GHz (24MB Cache, up to 5.1 GHz, 16 cores, 22 Threads); Intel® AI Boost NPU
Chipset	N/A
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 4070 Laptop GPU
Graphic Wattage	ROG Boost: 2105MHz* at 105W (2055MHz Boost Clock+50MHz OC, 85W+20W Dynamic Boost)
Graphic Memory	8GB GDDR6
IGPU	Intel® Arc™ Graphics
Neural Processor	Intel® AI Boost NPU
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
Pantone	Pantone Validated
Nebula Display	ROG Nebula Display
Support Dolby Vision HDR	Yes
On board memory	16GB*2 LPDDR5X 7467 on board(Rated speed of RAM module. Actual memory speeds may vary by CPU configuration.)
Total System Memory	LPDDR5X 32GB
Memory Slot	N/A
Memory Max.	32GB
Multi-channel memory technology	Support dual channel memory
System Storage Installed	2TB 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 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)
I/O Ports	1x Thunderbolt™ 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) (UHS-II, 312MB/s)
Display output	1x HDMI 2.1 FRL
Audio	1x 3.5mm Combo Audio Jack
Webcam	1080P FHD IR Camera for Windows Hello
Mic	Built-in 3-microphone array
Keyboard Type	Backlit Chiclet Keyboard 1-Zone RGB
NumberPad	N/A
Aura Sync	Yes
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 for PC_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass for PC. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Security	BIOS Administrator Password and User Password Protection 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
Bundled Peripherals	ROG Zephyrus G16 Sleeve (2024)
Additional Accessories	ROG Impact Gaming Mouse TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal
Ecolabels & Compliances	N/A
Reparability Index (for FR)	8.0