

# Specification

Spec	GU605MZ-QR087X 90NR0IR6-M003Z0
Operating System	Windows 11 Pro
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
Graphics	NVIDIA® GeForce RTX™ 4080 Laptop GPU, ROG Boost: 1970MHz* at 115W (1920MHz Boost Clock+50MHz OC, 95W+20W Dynamic Boost), 12GB GDDR6
Neural Processor	Intel® AI Boost NPU
Display	ROG Nebula Display, 16-inch, 2.5K (2560 x 1600, WQXGA) 16:10 aspect ratio, OLED, Glossy display, DCI-P3:100%, Refresh Rate:240Hz, Response Time:0.2ms, G-Sync, Pantone Validated, MUX Switch + NVIDIA® Advanced Optimus, Support Dolby Vision HDR :Yes
Memory	16GB*2 LPDDR5X 7467 on board(Rated speed of RAM module. Actual memory speeds may vary by CPU configuration.), Max Capacity:32GB, Support dual channel memory
Storage	2TB PCIe® 4.0 NVMe™ M.2 Performance SSD
I/O Ports	1x 3.5mm Combo Audio Jack, 1x HDMI 2.1 FRL 2x USB 3.2 Gen 2 Type-A 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery 1x Thunderbolt™ 4 support DisplayPort™ / power delivery 1x card reader (SD) (UHS-II, 312MB/s)
Keyboard and Touchpad	Backlit Chiclet Keyboard 1-Zone RGB, Touchpad
Camera	1080P FHD IR Camera for Windows Hello
Audio	Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification (for headphone) Built-in 3-microphone array, 4-speaker (dual force woofer) system with Smart Amplifier Technology, 2 Tweeters
Network and Communication	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)
Battery	90WHrs, 4S1P, 4-cell Li-ion
Power Supply	Rectangle Conn, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal
AURA SYNC	Yes
Device Lighting	Slash Lighting
Weight	1.95 Kg ( lbs)
Dimensions (W x D x H)	35.4 x 24.6 x 1.49 ~ 1.74 cm (13.94" x 9.69" x 0.59" ~ 0.69")
Microsoft Office	1-month trial for new Microsoft 365 customers. Credit card required.
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) McAfee® 30 days free trial
Boost OC	TBD
MKT Name	ROG Zephyrus G16
Sub Series	GU605
Color Code	8H
Color	Platinum White
SKU Image	8H_Backlit Chiclet Keyboard 1-Zone RGB