



Part No	90NR0PC2-M006P0
Sales Model Name	GU606AR-TB107W
EAN Code	4,71164E+12
UPC Code	199291588417
WEEE	2.346
BASE UNIT	VSNR0PC2-BU1100
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 ~ 1.79 cm (13.94" x 9.69" x 0.59" ~ 0.70")
Weight	1.95 Kg (4.30 lbs)
Processor	Intel® Core™ Ultra 9 Processor 386H 2.1 GHz (18MB Cache, up to 4.9 GHz, 16 cores, 16 Threads); Intel® NPU up to 50TOPS
Chipset	N/A
Integrated GPU	Intel® Graphics
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 5070 Ti Laptop GPU
Graphic Wattage	ROG Boost: Turbo mode: 1497MHz at 125W* (1447MHz Boost Clock+50MHz OC, 105W+20W Dynamic Boost) Manual mode: 1497MHz at 140W* (1447MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost)
Graphic Memory	12GB GDDR7
Neural Processor	Intel® NPU up to 50TOPS
Panel Size	16-inch
Resolution	2.5K (2560 x 1600, WQXGA) OLED 16:10 aspect ratio
Refresh Rate	240Hz
Viewing Angle	89/89/89/89
Panel Tech	OLED
Brightness	1100 nits (Peak)
Contrast Ratio	1,000,000:1
Surface texture of display	Anti-reflection(AR) display
Adaptive-Sync technology	G-Sync
Pantone	Pantone Validated
Nebula Display	ROG Nebula HDR Display
Support Dolby Vision HDR	Yes

On board memory	32GB LPDDR5X 8533 on board(Actual memory speeds may vary by CPU configuration.)
Total System Memory	LPDDR5X 32GB
Memory Slot	No expansion possible
Memory Max.	32GB
Multi-channel memory technology	Support dual channel memory technology
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® G5x4 Performance SSD (ACC only) 2TB M.2 NVMe™ PCIe® G5x4 Performance SSD (ACC 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® 6.0 Wireless Card (*Bluetooth® version may change with OS version different.)
I/O Ports	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 Thunderbolt™ 4 with support for DisplayPort™ / power delivery (data speed up to 40Gbps) 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 array microphone
Keyboard Type	Backlit Chiclet Keyboard 1-Zone RGB 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
Aura Sync	N/A
Touchpad	Touchpad N/A
Speakers	4-speaker (dual-force woofer) system with Smart Amplifier Technology, 2 Tweeters
Audio	1x 3.5mm Combo Audio Jack Built-in array microphone
Audio Tech	AI noise-canceling technology Smart Amp Technology Dolby Atmos
Security	Secured-core PC (Level 3) Pluton Security Processor 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
Charger included	Included
Power	Rectangle Conn, 250W AC Adapter, Output: 20V DC, 12.5A, 250W, Input: 100-240V AC, 50/60Hz universal
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)	9.5

