FICHE TECHNIQUE

ROG Zephyrus G16 (2025) GU605

GU605CW-QR182W

90NR0LX6-M00AH0



PROCESSEUR
Intel® Core™ Ultra 9 Processor 285H 2.9 GHz (24MB Cache, up to 5...

MÉMOIRE
LPDDR5X 32GB

STOCKAGE
1TB PCIe® 4.0 NVMe™ M.2 SSD

GRAPHIQUE
NVIDIA® GeForce RTX™ 5080 Laptop GPU





PROCESSEUR

Processeur	Intel® Core™ Ultra 9 Processor 285H 2.9 GHz (24MB Cache, up to 5.4 GHz, 16 cores, 16 Threads); Intel® AI Boost NPU up to 13TOPS
Processeur neuronal (NPU)	Intel® AI Boost NPU up to 13TOPS

GRAPHIQUE

Circuit graphique intégré	Intel® Arc™ Graphics
Commutation graphique	MUX Switch + NVIDIA® Advanced Optimus
Carte graphique	NVIDIA® GeForce RTX™ 5080 Laptop GPU
Puissance graphique	ROG Boost: 1550MHz* at 120W (1500MHz Boost Clock+50MHz OC, 100W+20W Dynamic Boost)
Mémoire graphique	16GB GDDR7
Sortie vidéo	1x HDMI 2.1 FRL

MÉMOIRE

Mémoire soudée	32GB LPDDR5X 7467 on board(Actual memory speeds may vary by CPU configuration.)
Mémoire totale	LPDDR5X 32GB
Emplacements mémoire	No expansion possible
Mémoire maximale	32GB
Technologie multicanal	Support dual channel memory technology

STOCKAGE

Stockage	1TB PCIe® 4.0 NVMe™ M.2 SSD
Emplacements M.2 (SATA ou NVMe)	2
SSD M.2 compatibles	• 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

ÉCRAN

Diagonale	16-inch
Résolution	2.5K (2560 x 1600, WQXGA) OLED 16:10 aspect ratio
Taux de rafraîchissement	240Hz
Angles de vision	89/89/89/89
Technologie de dalle	OLED
Luminosité	500 nits (Peak)
Contraste	1,000,000:1
Traitement de surface	Anti-glare and low-reflection(AGLR) display
Synchronisation adaptative	G-Sync
Certification Pantone	Pantone Validated
Nebula Display	ROG Nebula Display
Dolby Vision HDR	Yes

CONNECTIQUE ET RÉSEAU

Emplacements d'extension	2x M.2 PCIe
Sans fil	Wi-Fi 7(802.11be) (Triple band) 2*2 + Bluetooth® 5.4 Wireless Card (*Bluetooth® version may change with OS version different.)
Connectique	• 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) • 2x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps) • 1x card reader (SD) (UHS-II, 312MB/s)

AUDIO ET CAMÉRA

Caméra	1080P FHD IR Camera for Windows Hello
Microphone	Built-in 3-microphone array
Haut-parleurs	4-speaker (dual-force woofer) system with Smart Amplifier Technology, 2 Tweeters
Audio	• 1x 3.5mm Combo Audio Jack • Built-in 3-microphone array

AUDIO ET CAMÉRA (SUITE)

Technologies audio	• AI noise-canceling technology • Hi-Res certification (for headphone) • Smart Amp Technology • Dolby Atmos

CLAVIER, POINTAGE ET CHÂSSIS

Coloris	Platinum White
Type de clavier	Backlit Chiclet Keyboard 1-Zone RGB
Aura Sync	Yes
Pavé tactile	• Touchpad • N/A

ALIMENTATION ET AUTONOMIE

Batterie	90WHrs, 4S1P, 4-cell Li-ion
Charge rapide	Recharge from 0-50% in 30 minutes
Chargeur fourni	Included
Alimentation	Rectangle Conn, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal
Puissance de charge requise	• Min: 45W • Max: 100W

DIMENSIONS ET POIDS

Dimensions (L × P × H)	35.4 x 24.6 x 1.49 ~ 1.74 cm (13.94" x 9.69" x 0.59" ~ 0.69")
Poids	1.95 Kg (4.30 lbs)

SÉCURITÉ

Sécurité	• Trusted Platform Module (Firmware TPM) • BIOS Administrator Password and User Password Protection
Antivirus	McAfee® 30 days free trial

SYSTÈME ET LOGICIELS

Système d'exploitation	Windows 11 Home
Suite bureautique	1-month trial for new Microsoft 365 customers. Credit card required.
Abonnements inclus	• 3-Month Google AI Pro Subscription • 6-Month Dropbox 500GB Subscription • 1-Year ASUS Secure Auto-Backup 200GB Subscription • *Available in eligible markets only. Eligibility varies by region, device, and time. Terms and conditions apply. See promotion pages for details.
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.)

ENVIRONNEMENT ET CONFORMITÉ

DEEE (kg)	2.893
Indice de réparabilité (France)	9.9
Indice de réparabilité (Benelux)	9.3

CONTENU DE LA BOÎTE

Contenu de la boîte	• ROG Impact Gaming Mouse • ROG Zephyrus G16 Sleeve (2024)

AUTRES CARACTÉRISTIQUES

DCI-P3 %	100%