

FICHE TECHNIQUE

ROG Zephyrus M16 (2022)

GU603ZE-LS001W

90NR0941-M001H0

PROCESSEUR

12th Gen Intel® Core™ i7-12700H
Processor 2.3 GHz

MÉMOIRE

DDR5 16GB

STOCKAGE

512GB PCIe® 4.0 NVMe™ M.2 SSD

GRAPHIQUE

NVIDIA® GeForce RTX™ 3050 Ti
Laptop GPU



PROCESSEUR

Processeur	12th Gen Intel® Core™ i7-12700H Processor 2.3 GHz (24M Cache, up to 4.7 GHz, 14 cores: 6 P-cores and 8 E-cores)
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GRAPHIQUE

Circuit graphique intégré	Intel® UHD Graphics 630
Commutation graphique	MUX Switch + Optimus
Carte graphique	NVIDIA® GeForce RTX™ 3050 Ti Laptop GPU
Puissance graphique	ROG Boost: 1745MHz* at 100W (1695MHz Boost Clock+50MHz OC, 80W+20W Dynamic Boost)
Mémoire graphique	4GB GDDR6
Sortie vidéo	1x HDMI 2.0b

MÉMOIRE

Mémoire soudée	8GB DDR5 on board
Mémoire installée	8GB DDR5-4800 SO-DIMM
Mémoire totale	DDR5 16GB
Emplacements mémoire	1x SO-DIMM slot
Mémoire maximale	40GB
Technologie multicanal	Support dual channel memory technology
How to upgrade memory	Upgradable

STOCKAGE

Stockage	512GB PCIe® 4.0 NVMe™ M.2 SSD
Emplacements M.2 (SATA ou NVMe)	2
SSD M.2 compatibles	- Value PCIe G4x4 - SSD M2 2280 P4X4 512G - SSD M2 2280 P4X4 1TB

ÉCRAN

Diagonale	16-inch
Résolution	FHD+ 16:10 (1920 x 1200, WUXGA)
Taux de rafraîchissement	165Hz
Temps de réponse	3ms
Angles de vision	85/85/85/85
Technologie de dalle	IPS-level
Luminosité	500nits
Contraste	1200:1
Couverture NTSC	72.00%
Couverture sRGB	100.00%
Traitement de surface	Anti-glare(AG) display
Synchronisation adaptative	Adaptive-Sync
Certification Pantone	Pantone Validated
Dolby Vision HDR	Yes

CONNECTIQUE ET RÉSEAU

Emplacements d'extension	1x DDR5 SO-DIMM slot 2x M.2 PCIe
Réseau filaire	10/100/1000/2500 Mbps
Sans fil	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)
Connectique	1x RJ45 LAN port 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 (data speed up to 10Gbps) 1x Thunderbolt™ 4 with support for DisplayPort™ / power delivery (data speed up to 40Gbps) 1x card reader (microSD) (UHS-II, 312MB/s)

AUDIO ET CAMÉRA

Caméra	720P HD IR Camera for Windows Hello
Microphone	Built-in array microphone
Haut-parleurs	• 2x 2W Tweeter • 2x 2W dual-force woofer with Smart Amp Technology
Audio	• 1x 3.5mm Combo Audio Jack • Built-in array microphone
Technologies audio	• Smart Amp Technology • AI noise-canceling technology • Hi-Res certification (for headphone) • Dolby Atmos

CLAVIER, POINTAGE ET CHÂSSIS

Coloris	Off Black
Type de clavier	Backlit Chiclet Keyboard 1-Zone RGB
Pavé tactile	• Touchpad • N/A

ALIMENTATION ET AUTONOMIE

Batterie	90WHrs, 4S1P, 4-cell Li-ion
Chargeur fourni	Included
Alimentation	ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal

DIMENSIONS ET POIDS

Dimensions (L x P x H)	35.5 x 24.3 x 1.99 ~ 1.99 cm (13.98" x 9.57" x 0.78" ~ 0.78")
Poids	2.00 Kg (4.41 lbs)

SÉCURITÉ

Sécurité	• Kensington Security Slot™ • BIOS Administrator Password and User Password Protection
Antivirus	McAfee® 30 days free trial

SYSTÈME ET LOGICIELS

Système d'exploitation	Windows 11 Home
Xbox Game Pass	XBOX Game Pass Ultimate. 1 month (*Terms and exclusions apply. Offer only available in eligible markets for XBOX Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)

ENVIRONNEMENT ET CONFORMITÉ

DEEE (kg)	2.588
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AUTRES CARACTÉRISTIQUES

Adobe %	75.35%
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