

FICHE TECHNIQUE

ROG Zephyrus M16 (2022)

GU603ZW-LS110W

90NR0831-M006S0

PROCESSEUR

12th Gen Intel® Core™ i9-12900H
Processor 2.5 GHz

MÉMOIRE

DDR5 32GB

STOCKAGE

1TB PCIe® 4.0 NVMe™ M.2
Performance SSD

GRAPHIQUE

NVIDIA® GeForce RTX™ 3070 Ti
Laptop GPU



PROCESSEUR

Processeur	12th Gen Intel® Core™ i9-12900H Processor 2.5 GHz (24M Cache, up to 5.0 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™ 3070 Ti Laptop GPU
Puissance graphique	ROG Boost: 1085MHz* at 120W (1035MHz Boost Clock+50MHz OC, 100W+20W Dynamic Boost)
Mémoire graphique	8GB GDDR6
Sortie vidéo	1x HDMI 2.0b

MÉMOIRE

Mémoire soudée	16GB DDR5 on board
Mémoire installée	16GB DDR5-4800 SO-DIMM
Mémoire totale	DDR5 32GB
Emplacements mémoire	1x SO-DIMM slot
Mémoire maximale	48GB
Technologie multicanal	Support dual channel memory technology
How to upgrade memory	Upgradable

STOCKAGE

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

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 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 RJ45 LAN port • 1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 10Gbps) • 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	• BIOS Administrator Password and User Password Protection • Kensington Security Slot™ • Trusted Platform Module (Firmware TPM)
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
Indice de réparabilité (France)	7.2

CONTENU DE LA BOÎTE

Contenu de la boîte	ROG backpack
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AUTRES CARACTÉRISTIQUES

Adobe %	75.35%
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