FICHE TECHNIQUE

ROG Strix G18 (2024)

G834JZR-R6068W

90NR0IN2-M00320

PROCESSEUR
Intel® Core™ i9 Processor 14900HX
2.2 GHz

MÉMOIRE
DDR5 64GB

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

GRAPHIQUE
NVIDIA® GeForce RTX™ 4080
Laptop GPU (542 AI TOPs)

PROCESSEUR

Processeur	Intel® Core™ i9 Processor 14900HX 2.2 GHz (36MB Cache, up to 5.8 GHz, 24 cores, 32 Threads)
Chipset	Mobile Intel® HM770 Express Chipsets

GRAPHIQUE

Circuit graphique intégré	Intel® UHD Graphics
Commutation graphique	MUX Switch + NVIDIA® Advanced Optimus
Carte graphique	NVIDIA® GeForce RTX™ 4080 Laptop GPU (542 AI TOPs)
Puissance graphique	ROG Boost: 2330MHz* at 175W (2280MHz Boost Clock+50MHz OC, 150W+25W Dynamic Boost)
Mémoire graphique	12GB GDDR6
Sortie vidéo	1x HDMI 2.1 FRL

MÉMOIRE

Mémoire installée	32GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC *2
Mémoire totale	DDR5 64GB
Emplacements mémoire	2x SO-DIMM slots
Mémoire maximale	64GB
Technologie multicanal	Support dual channel memory technology

STOCKAGE

Stockage	2TB PCIe® 4.0 NVMe™ M.2 Performance SSD
Emplacements M.2 (SATA ou NVMe)	2
SSD M.2 compatibles	512GB/1TB/2TB G4x4 PCIe SSD

ÉCRAN

Diagonale	18-inch
Résolution	2.5K (2560 x 1600, WQXGA) 16:10 aspect ratio
Taux de rafraîchissement	240Hz
Temps de réponse	3ms
Angles de vision	85/85/85/85
Technologie de dalle	Mini LED
Luminosité	1100nits
Contraste	100000:1
Traitement de surface	Anti-glare(AG) display
Synchronisation adaptative	G-Sync
Certification Pantone	Pantone Validated
Nebula Display	ROG Nebula HDR Display
Dolby Vision HDR	Yes

CONNECTIQUE ET RÉSEAU

Emplacements d'extension	• 2x DDR5 SO-DIMM slots • 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 2.5G LAN port • 2x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps) • 1x Thunderbolt™ 4 with support for DisplayPort™ / G-SYNC (data speed up to 40Gbps) • 1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 10Gbps)

AUDIO ET CAMÉRA

Caméra	720P HD camera
Microphone	Built-in array microphone
Haut-parleurs	4-speaker system with Smart Amplifier Technology
Audio	• 1x 3.5mm Combo Audio Jack • Built-in array microphone
Technologies audio	• Smart Amp Technology • AI noise-canceling technology • Dolby Atmos • Hi-Res certification (for headphone)

CLAVIER, POINTAGE ET CHÂSSIS

Coloris	Off Black
Type de clavier	Backlit Chiclet Keyboard Per-Key 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	ø6.0, 330W AC Adapter, Output: 20V DC, 16.5A, 330W, Input: 100~240C AC 50/60Hz universal

DIMENSIONS ET POIDS

Dimensions (L × P × H)	39.9 x 29.4 x 2.31 ~ 3.08 cm (15.71" x 11.57" x 0.91" ~ 1.21")
Poids	3.10 Kg (6.83 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.
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)	3.603
Indice de réparabilité (France)	8.6

CONTENU DE LA BOÎTE

Contenu de la boîte	Marketing Giveaway (1 Customizable Armor Cap)

AUTRES CARACTÉRISTIQUES

DCI-P3 %	100.00%