FICHE TECHNIQUE

ROG Strix G16 (2024)

G614JIR-N4007W

90NR0IG5-M005W0

PROCESSEUR
Intel® Core™ i9 Processor 14900HX
2.2 GHz

MÉMOIRE
DDR5 32GB

STOCKAGE
1TB PCIe® 4.0 NVMe™ M.2 SSD

GRAPHIQUE
NVIDIA® GeForce RTX™ 4070
Laptop GPU (321 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™ 4070 Laptop GPU (321 AI TOPs)
Puissance graphique	ROG Boost: 2225MHz* at 140W (2175MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost)
Mémoire graphique	8GB GDDR6
Sortie vidéo	1x HDMI 2.1 FRL

MÉMOIRE

Mémoire installée	16GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC *2
Mémoire totale	DDR5 32GB
Emplacements mémoire	2x SO-DIMM slots
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	512G/ 1TB /2TB G4x4 PCIe SSD

ÉCRAN

Diagonale	16-inch
Résolution	QHD+ 16:10 (2560 x 1600, WQXGA)
Taux de rafraîchissement	240Hz
Temps de réponse	3ms
Angles de vision	170
Technologie de dalle	IPS-level
Luminosité	500nits
Contraste	1200:1
Traitement de surface	Anti-glare(AG) 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 DDR5 SO-DIMM slots • 2x M.2 PCIe
Réseau filaire	10/100/1000 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 • 1x Thunderbolt™ 4 with support for DisplayPort™ (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) • 2x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps)

AUDIO ET CAMÉRA

Caméra	720P HD camera
Microphone	Built-in array microphone
Haut-parleurs	2-speaker system with Smart Amplifier Technology
Audio	• 1x 3.5mm Combo Audio Jack • Built-in array microphone
Technologies audio	• AI noise-canceling technology • Smart Amp Technology • Hi-Res certification (for headphone) • Dolby Atmos • Support Microsoft Cortana near field/far field (Microsoft service suspended in spring of 2023.)

CLAVIER, POINTAGE ET CHÂSSIS

Coloris	Eclipse Gray
Refroidissement	ROG intelligent cooling
Type de clavier	Backlit Chiclet Keyboard Per-Key RGB
Aura Sync	Yes
Pavé tactile	• Touchpad • Support NumberPad

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, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100~240C AC 50/60Hz universal

DIMENSIONS ET POIDS

Dimensions (L × P × H)	35.4 x 26.4 x 2.26 ~ 3.04 cm (13.94" x 10.39" x 0.89" ~ 1.20")
Poids	2.50 Kg (5.51 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	• N/A • N/A • N/A • N/A
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)	3.053
Indice de réparabilité (France)	8.6
Indice de réparabilité (Benelux)	9.2

CONTENU DE LA BOÎTE

Contenu de la boîte	ROG backpack

AUTRES CARACTÉRISTIQUES

DCI-P3 %	100%