FICHE TECHNIQUE

ROG Strix SCAR 18 (2025)

G835LW-SA023W

90NR0LI1-M00480



PROCESSEUR
Intel® Core™ Ultra 9 Processor 275HX 2.7 GHz (36MB Cache, up to...

MÉMOIRE
DDR5 64GB

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

GRAPHIQUE
NVIDIA® GeForce RTX™ 5080 Laptop GPU

PROCESSEUR

Processeur	Intel® Core™ Ultra 9 Processor 275HX 2.7 GHz (36MB Cache, up to 5.4 GHz, 24 cores, 24 Threads); Intel® AI Boost NPU up to 13TOPS
Chipset	Mobile Intel® HM870 Express Chipsets
Processeur neuronal (NPU)	Intel® AI Boost NPU up to 13TOPS

GRAPHIQUE

Circuit graphique intégré	Intel® UHD Graphics
Commutation graphique	MUX Switch + NVIDIA® Advanced Optimus
Carte graphique	NVIDIA® GeForce RTX™ 5080 Laptop GPU
Puissance graphique	ROG Boost: 1550MHz* at 175W (1500MHz Boost Clock+50MHz OC, 150W+25W Dynamic Boost)
Mémoire graphique	16GB GDDR7
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 • The memory speed of the systems vary by CPU SPEC
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	• 1TB/2TB G4x4 PCIe SSD • 4TB G5x4 PCIe SSD

ÉCRAN

Diagonale	18-inch
Résolution	2.5K (2560 x 1600, WQXGA) 16:10 aspect ratio
Taux de rafraîchissement	240Hz
Angles de vision	85/85/85/85
Technologie de dalle	Mini LED
Luminosité	1200
Contraste	100000:1
Traitement de surface	Anti-glare and low-reflection(AGLR) 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 7(802.11be) (Triple band) 2*2+Bluetooth® 5.4 Wireless Card (*Bluetooth® version may change with OS version different.)

CONNECTIQUE ET RÉSEAU (SUITE)

Connectique	• 2x Thunderbolt™ 5 with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 120Gbps) • 3x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps) • 1x 2.5G LAN port

AUDIO ET CAMÉRA

Caméra	1080P FHD IR Camera for Windows Hello
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 • Hi-Res certification (for headphone) • Dolby Atmos

CLAVIER, POINTAGE ET CHÂSSIS

Coloris	Off Black
Matériau du capot	Aluminum
Matériau du dessus	Plastic with Soft Touch IMR
Matériau du dessous	Texture plastic
Refroidissement	ROG intelligent cooling

CLAVIER, POINTAGE ET CHÂSSIS (SUITE)

Type de clavier	• Backlit Chiclet Keyboard Per-Key RGB with Num-key • With Copilot key • *Copilot in Windows (in preview) is rolling out gradually within the latest update to Windows 11 in select global markets. Timing of availability varies by device and market. Learn more: https://www.microsoft.com/en-us/windows/copilot-ai-features?r=1#faq
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, 380W AC Adapter, Output: 20V DC, 19A, 380W, Input: 100-240V AC, 50/60Hz universal
Puissance de charge requise	• Min: 45W • Max: 100W • *The indicated wattage is for demonstrating the system's support capability as required by EU regulations. For optimal system performance, please use the standard-wattage adapter or higher.

DIMENSIONS ET POIDS

Dimensions (L × P × H)	39.9 x 29.8 x 2.35 ~ 3.20 cm (15.71" x 11.73" x 0.93" ~ 1.26")
Poids	3.30 Kg (7.28 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)	4.429
Indice de réparabilité (France)	9.9
Indice de réparabilité (Benelux)	9.7

AUTRES CARACTÉRISTIQUES

DCI-P3 %	100%