



Part No	90NR0LE1-M00050
Sales Model Name	STRIX-G18-G815JMR-S8005W
EAN Code	4711636618113
UPC Code	199291618114
WEEE	4.438
BASE UNIT	VSNR0LE1-BU1101
Marketing Name	ROG Strix G18
Operating System	Windows 11 Home
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Color	Eclipse Gray
Top case-material	Aluminum
LCD cover-material	Texture plastic
Bottom case-material	Texture plastic
Dimension (W x D x H)	39.9 x 29.9 x 2.35 ~ 3.20 cm (15.71" x 11.77" x 0.93" ~ 1.26")
Weight	3.20 Kg (7.05 lbs)
Processor	Intel® Core™ i7 Processor 14650HX 2.2 GHz (30MB Cache, up to 5.2 GHz, 16 cores, 24 Threads)
Chipset	Mobile Intel® HM770 Express Chipsets
Integrated GPU	Intel® UHD Graphics
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 5060 Laptop GPU
Graphic Wattage	ROG Boost:1610MHz at 115W (1560MHz Boost Clock+50MHz OC, 100W+15W Dynamic Boost)
Graphic Memory	8GB GDDR7
Panel Size	18-inch
Resolution	FHD+ 16:10 (1920 x 1200, WUXGA)
Refresh Rate	144Hz
Response Time (G2G)	3ms
Viewing Angle	170
Panel Tech	IPS-level
Brightness	300nits
Contrast Ratio	1200:1
SRGB %	100%
Surface texture of display	Anti-glare(AG) display
Adaptive-Sync technology	G-Sync
Pantone	N/A
Support Dolby Vision HDR	Yes
Thermal Feature	ROG intelligent cooling

On board memory	N/A
DIMM Memory	8GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC *2
Total System Memory	DDR5 16GB
Memory Slot	2x SO-DIMM slots
Memory Max.	64GB
Multi-channel memory technology	Support dual channel memory technology
Storage	1TB PCIe® 4.0 NVMe™ M.2 SSD
M.2 slots support either SATA or NVMe	2
M.2 SSD Support List	512G/ 1TB /2TB G4x4 PCIe SSD
Expansion Slot (includes used)	2x DDR5 SO-DIMM slots 2x M.2 PCIe
LAN	10/100/1000 Mbps
Wireless	Wi-Fi 7(802.11be) (Triple band) 2*2+Bluetooth® 5.4 Wireless Card (*Bluetooth® version may change with OS version different.)
I/O Ports	1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / power delivery (data speed up to 10Gbps) 3x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps) 1x RJ45 LAN port 1x Thunderbolt™ 4 with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 40Gbps)
Display output	1x HDMI 2.1 FRL
Camera	1080P FHD IR Camera for Windows Hello
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard 4-Zone RGB 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
Touchpad	Touchpad N/A
Speakers	2-speaker system with Smart Amplifier Technology
Audio	1x 3.5mm Combo Audio Jack Built-in array microphone
Audio Tech	Smart Amp Technology Hi-Res certification (for headphone) Dolby Atmos AI noise-canceling technology
Security	BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM)
Antivirus	McAfee® 30 days free trial
Battery	90WHrs, 4S1P, 4-cell Li-ion
Charger included	Included
Power	Rectangle Conn, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100-240V AC, 50/60Hz universal
Required charging power	Min: 45W Max: 100W
Xbox Game Pass	Xbox Game Pass Premium_2 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Ecolabels & Compliances	N/A
Reparability Index (for France)	9.9
Reparability Index (for BNL)	9.7

