



Part No	90NR0LC1-M00DA0
Sales Model Name	STRIX-G18-G815LW-DRSA288W
EAN Code	4711636448086
UPC Code	199291448087
BASE UNIT	VSNR0LC1-BU4110
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
Dimension (W x D x H)	39.9 x 29.8 x 2.35 ~ 3.20 cm (15.71" x 11.73" x 0.93" ~ 1.26")
Dimension for keyboard (W x D x H)	Dimension of keyboard: %.? x %.? x %.?? cm
Weight	3.20 Kg (7.05 lbs)
Weight for keyboard	Weight of keyboard: %.?? Kg
Processor	INTEL ARL HX R Core™ Ultra 9
Chipset	Mobile Intel® HM870 Express Chipsets
Intergrated GPU	Intel® UHD Graphics
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 5080 Laptop GPU
Graphic Wattage	ROG Boost: 1550MHz* at 175W (1500MHz Boost Clock+50MHz OC, 150W+25W Dynamic Boost)
Graphic Memory	16GB GDDR7
Neural Processor	Intel® AI Boost NPU up to 13TOPS
Panel Size	18-inch
Resolution	2.5K (2560 x 1600, WQXGA) 16:10 aspect ratio
Refresh Rate	240Hz
Viewing Angle	85/85/85/85
Panel Tech	Mini LED
Brightness	1200
Contrast Ratio	100000:1
DCI-P3 %	100%
Surface texture of display	Anti-glare display
Adaptive-Sync technology	G-Sync
Pantone	Pantone Validated
Nebula Display	ROG Nebula HDR Display
Support Dolby Vision HDR	Yes
Thermal Feature	ROG intelligent cooling

On board memory	N/A
DIMM Memory	16GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC *2
Total System Memory	DDR5 32GB
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 1TB /2TB / 4TB G5x4 PCIe SSD (for L_G project)
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 2.5G LAN port 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)
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 Per-Key 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	AI noise-canceling technology Dolby Atmos Hi-Res certification (for headphone) Smart Amp 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
Fast charging	Recharge from 0-50% in 30 minutes
Power	Rectangle Conn, 380W AC Adapter, Output: 20V DC, 19A, 380W, Input: 100-240V AC, 50/60Hz universal
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

