



Part No	90NR0LE1-M006Y0
Sales Model Name	G815JMR-DICS8143W
EAN Code	4711636340557
UPC Code	199291340558
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 29.9 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 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	16GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC
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 RJ45 LAN port 1x Thunderbolt™ 4 with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 40Gbps) 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)
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
Power	Rectangle Conn, 280W AC Adapter, Output: 20V DC, 14A, 280W, 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.)
Included in the Box	ROG Impact Gaming Mouse ROG backpack
Ecolabels & Compliances	N/A
Reparability Index (for France)	?.?
Reparability Index (for BNL)	9.7

