

Model	G815LR / 90NR0LT1-M005U0
Marketing Name	ROG Strix G18
Operating System	Windows 11 Pro
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")
Weight	3.20 Kg (7.05 lbs)
Processor	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
Intergrated GPU	N/A
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 5070 Ti Laptop GPU
Graphic Memory	12GB 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	170
Panel Tech	IPS-level
Brightness	500
Contrast Ratio	1000:1
DCI-P3 %	100%
Glare	Anti-glare display
Adaptive-Sync technology	G-Sync
Pantone	Pantone Validated
Nebula Display	ROG Nebula Display
Support Dolby Vision HDR	Yes

<b>Thermal Feature</b>	ROG intelligent cooling
<b>On board memory</b>	N/A
<b>DIMM Memory</b>	16GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC *2
<b>Total System Memory</b>	DDR5 32GB
<b>Memory Slot</b>	2x SO-DIMM slots
<b>Memory Max.</b>	64GB
<b>Multi-channel memory technology</b>	Support dual channel memory
<b>Storage</b>	2TB PCIe® 4.0 NVMe™ M.2 SSD
<b>M.2 slots support either SATA or NVMe</b>	2
<b>M.2 SSD Support List</b>	512G/ 1TB /2TB G4x4 PCIe SSD
<b>Expansion Slot (includes used)</b>	2x DDR5 SO-DIMM slots 2x M.2 PCIe
<b>LAN</b>	10/100/1000 Mbps
<b>Wireless</b>	Wi-Fi 7(802.11be) (Triple band) 2*2+Bluetooth® 5.4 Wireless Card (*Bluetooth® version may change with OS version different.)
<b>I/O Ports</b>	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)
<b>Display output</b>	1x HDMI 2.1 FRL
<b>Camera</b>	1080P FHD IR Camera for Windows Hello
<b>Mic</b>	Built-in array microphone
<b>Keyboard Type</b>	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: <a href="https://www.microsoft.com/en-us/windows/copilot-ai-features?r=1#faq">https://www.microsoft.com/en-us/windows/copilot-ai-features?r=1#faq</a>
<b>Aura Sync</b>	Yes
<b>Touchpad</b>	Touchpad N/A
<b>Speakers</b>	2-speaker system with Smart Amplifier Technology
<b>Audio</b>	1x 3.5mm Combo Audio Jack Built-in array microphone

<b>Audio Tech</b>	AI noise-canceling technology Dolby Atmos Hi-Res certification (for headphone) Smart Amp Technology
<b>Security</b>	BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM)
<b>Antivirus</b>	McAfee® 30 days free trial
<b>Battery</b>	90WHrs, 4S1P, 4-cell Li-ion
<b>Fast charging</b>	Recharge from 0-50% in 30 minutes
<b>Power</b>	Rectangle Conn, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100-240V AC, 50/60Hz universal
<b>Xbox Game Pass</b>	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.)
<b>Included in the Box</b>	ROG backpack
<b>Ecolabels &amp; Compliances</b>	N/A