



Part No	90NR0ID6-M000M0
Model Name	G814JIR-N6013W
EAN Code	4711387432358
UPC Code	197105432352
WEEE	3.333
BASE UNIT	VSNR0ID6-BU2110
Marketing Name	ROG Strix G18
Color	Eclipse Gray
Dimension (W x D x H)	39.9 x 29.4 x 2.31 ~ 3.08 cm (15.71" x 11.57" x 0.91" ~ 1.21")
Weight	3.00 Kg (6.61 lbs)
Processor	Intel® Core™ i9 Processor 14900HX 2.2 GHz (36MB Cache, up to 5.8 GHz, 24 cores, 32 Threads)
Chipset	Mobile Intel® HM770 Express Chipsets
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 4070 Laptop GPU
Graphic Wattage	ROG Boost: 2225MHz* at 140W (2175MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost)
Graphic Memory	8GB GDDR6
Intergrated GPU	Intel® UHD Graphics
Panel Size	18-inch
Resolution	2.5K (2560 x 1600, WQXGA) 16:10 aspect ratio
Refresh Rate	240Hz
Response Time (G2G)	3ms
Viewing Angle	85/85/85/85
Panel Tech	IPS-level
Brightness	500nits
Contrast	1000:1
DCI-P3 %	100.00%
Anti glare	Anti-glare display
Adaptive-Sync technology	G-Sync
Pantone	Pantone Validated
Nebula Display	ROG Nebula Display
Support Dolby Vision HDR	Yes
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.	32GB
Multi-channel memory technology	Support dual channel memory
System Storage Installed	1TB PCIe® 4.0 NVMe™ M.2 SSD

M.2 slots support either SATA or NVMe	2
M.2 SSD Support List	512GB/1TB/2TB G4x4 PCIe SSD
Expansion Slot (includes used)	2x DDR4 SO-DIMM slots 2x PCIe
LAN	10/100/1000 Mbps
Wi-Fi/Bluetooth	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)
I/O Ports	1x RJ45 LAN port 1x Thunderbolt™ 4 support DisplayPort™ 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC 2x USB 3.2 Gen 2 Type-A
Display output	1x HDMI 2.1 FRL
Audio	1x 3.5mm Combo Audio Jack
Camera	720P HD camera
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard Per-Key RGB
NumberPad	N/A
Aura Sync	Yes
Speakers	2-speaker system with Smart Amplifier Technology
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification (for headphone) Smart Amp Technology
Operating System	Windows 11 Home
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Antivirus	McAfee® 30 days free trial
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.)
Security	BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM)
Battery	90WHrs, 4S1P, 4-cell Li-ion
Fast charging	Recharge from 0-50% in 30 minutes
Power	ø6.0, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100~240C AC 50/60Hz universal
Ecolabels & Compliances	ENERGY STAR®
Reparability Index (for FR)	8.6

