



Part No	90NR0IN3-M002M0
Model Name	G834JZR-N6008W
TTV	2023-11-27
End of Production	2024-12-31
EAN Code	4711387468623
UPC Code	197105468627
WEEE	3.603
BASE UNIT	VSNR0IN3-BU1100
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™ 4080 Laptop GPU
Graphic Wattage	ROG Boost: 2330MHz* at 175W (2280MHz Boost Clock+50MHz OC, 150W+25W Dynamic Boost)
Graphic Memory	12GB GDDR6
IGPU	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.	64GB
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 DDR5 SO-DIMM slots 2x PCIe
LAN	10/100/1000/2500 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 2.5G LAN port 1x Thunderbolt™ 4 support DisplayPort™ / G-SYNC 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
Webcam	720P HD camera
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard Per-Key RGB
NumberPad	N/A
Aura Sync	Yes
Speakers	4-speaker system with Smart Amplifier Technology
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification Smart Amp Technology
Operating System	Windows 11 Home
Antivirus	McAfee® 30 days free trial
Xbox Game Pass	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. 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, 330W AC Adapter, Output: 20V DC, 16.5A, 330W, Input: 100~240C AC 50/60Hz universal
Bundled Peripherals	Marketing Giveaway (1 Customizable Armor Cap)
Ecolabels & Compliances	N/A

