

Model	G614PP / 90NR0L67-M003U0
Marketing Name	ROG Strix G16
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)	35.4 x 26.4 x 2.26 ~ 3.04 cm (13.94" x 10.39" x 0.89" ~ 1.20")
Weight	2.50 Kg (5.51 lbs)
Processor	AMD Ryzen™ 9 8940HX Processor 2.4GHz (80MB Cache, up to 5.3GHz, 16 cores, 32 Threads)
Chipset	N/A
Integrated GPU	AMD Radeon™ Graphics
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 5070 Laptop GPU
Graphic Wattage	ROG Boost: 1475MHz* at 115W (1425MHz Boost Clock+50MHz OC, 100W+15W Dynamic Boost)
Graphic Memory	8GB GDDR7
Panel Size	16-inch
Resolution	FHD+ 16:10 (1920 x 1200, WUXGA)
Refresh Rate	165Hz
Response Time (G2G)	3ms
Viewing Angle	170
Panel Tech	IPS-level
Brightness	300nits
Contrast Ratio	1000:1
SRGB %	100%
Glare	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 DDR5-5200 SO-DIMM *2
Total System Memory	DDR5 32GB
Memory Slot	2x SO-DIMM slots
Memory Max.	64GB
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 Value PCIe SSD
Expansion Slot (includes used)	2x DDR5 SO-DIMM slots 2x M.2 PCIe
LAN	10/100/1000 Mbps
Wireless	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 Type-C USB 4 with support for DisplayPort™ / G-SYNC (data speed up to 40Gbps) 1x Type-C USB 4 with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 40Gbps) 2x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps)
Display output	1x HDMI 2.1 FRL
Camera	1080P FHD camera
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard 4-Zone 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	ø6.0, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100~240C AC 50/60Hz universal
Required charging power	Min: 45W Max: 100W *The indicated wattage is for demonstrating the system's support capability as required by EU regulations. For optimal system performance, please use the standard-wattage adapter or higher.
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.)
Ecolabels & Compliances	N/A
Reparability Index (for France)	??