



Part No	90NR0KW7-M00520
Sales Model Name	G614PM-RV093
EAN Code	4711636282635
UPC Code	199291282636
WEEE	3.223
BASE UNIT	VSNR0KW7-BU1110
Marketing Name	ROG Strix G16
Operating System	No preinstalled OS
Exclusive subscription offers	3-Month Google AI Plus Subscription 6-Month Dropbox 500GB Subscription 1-Year ASUS Secure Auto-Backup 200GB Subscription *Available in eligible markets only. Eligibility varies by region, device, and time. Terms and conditions apply. See promotion pages for details
Color	Eclipse Gray
Top case-material	Aluminum
LCD cover-material	Texture plastic
Bottom case-material	Texture plastic
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
Intergrated GPU	AMD Radeon™ 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	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%
Surface texture of display	Anti-glare(AG) 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
Total System Memory	The memory speed of the systems vary by CPU SPEC DDR5 16GB
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 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) 1x RJ45 LAN port 1x Type-C USB 4 with support for DisplayPort™ / G-SYNC (data speed up to 40Gbps)
Display output	1x HDMI 2.1 FRL
Camera	1080P FHD camera
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
Speakers	N/A
Audio	2-speaker system with Smart Amplifier Technology
Audio Tech	1x 3.5mm Combo Audio Jack Built-in array microphone Smart Amp Technology Hi-Res certification (for headphone) Dolby Atmos AI noise-canceling technology
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
Charger included	Included
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.
Ecolabels & Compliances	N/A
Reparability Index (for France)	9.9
Reparability Index (for BNL)	9.2