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Part No	**90NR0QK7-M00AC0**
Sales Model Name	**STRIX-G16-G614PW-TS118W**
EAN Code	**4711636666305**
UPC Code	**199291666306**
WEEE	**3.553**
BASE UNIT	**VSNR0QK7-BU3101**
Marketing Name	**ROG Strix G16**
Operating System	**Windows 11 Home**
Office	**1-month trial for new Microsoft 365 customers. Credit card required.**
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**
LCD cover-material	**Texture plastic**
Top case-material	**Aluminum**
Bottom case-material	**Texture plastic**
Dimension (W x D x H)	**35.4 x 26.4 x 2.26 ~ 3.44 cm (13.94" x 10.39" x 0.89" ~ 1.35")**
Weight	**2.55 Kg (5.62 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™ 5080 Laptop GPU**
Graphic Wattage	**ROG Boost: 1550MHz at 175W (1500MHz Boost Clock+50MHz OC, 150W+25W Dynamic Boost)**
Graphic Memory	**16GB GDDR7**
Panel Size	**16-inch**
Resolution	**2.5K (2560 x 1600, WQXGA) 16:10 aspect ratio**
Refresh Rate	**300Hz**
Response Time (G2G)	**3ms**
Viewing Angle	**170**
Panel Tech	**IPS-level**
Brightness	**500nits**
Contrast Ratio	**1700:1**
DCI-P3 %	**100%**

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Surface texture of display	Anti-glare(AG) display
Adaptive-Sync technology	G-Sync
Pantone	Pantone Validated
Nebula Display	ROG Nebula Display
Support Dolby Vision HDR	Yes
Thermal Feature	ROG intelligent cooling
On board memory	N/A
DIMM Memory	16GB DDR5-5200 SO-DIMM *2 The memory speed of the systems vary by CPU SPEC
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	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 Wireless Card Bluetooth® 5.4 (The features and supported version may vary depending on OS support and driver availability.)
I/O Ports	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™ / power delivery / G-SYNC (data speed up to 40Gbps) 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
Keyboard layout family	ANSI-UK
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	Dolby Atmos Hi-Res certification (for headphone) AI noise-canceling technology 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
Charger included	Included
Power	ø6.0, 330W AC Adapter, Output: 20V DC, 16.5A, 330W, Input: 100~240V AC 50/60Hz universal
Required charging power	Min: 45W Max: 100W
Xbox Game Pass	XBOX Game Pass Premium_2 months (*Terms and exclusions apply. Offer only available in eligible markets for XBOX Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Ecolabels & Compliances	N/A
Reparability Index (for France)	9.8
Reparability Index (for BNL)	9.7

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