

ROG Strix G16 (2024) G614

★★★★★ 4.5 (13)

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ROG Strix G16 (2024) G614
G614JVR-N4047W

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ROG Strix G16 (2024) G614
G614JIR#B0CPFG1RJD

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Operating System

Windows 11 Home

Windows 11 Home

Windows 11 Home

Processor

Intel® Core™ i9 Processor 14900HX 2.2 GHz (36MB Cache, up to 5.8 GHz, 24 cores, 32 Threads)

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Graphics

NVIDIA® GeForce RTX™ 4060 Laptop GPU
ROG Boost: 2420MHz* at 140W (2370MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost)
8GB GDDR6

NVIDIA® GeForce RTX™ 4070 Laptop GPU
ROG Boost: 2225MHz* at 140W (2175MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost)
8GB GDDR6

NVIDIA® GeForce RTX™ 4070 Laptop GPU
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8GB GDDR6

Display

ROG Nebula Display
16-inch
QHD+ 16:10 (2560 x 1600, WQXGA)
IPS-level
Anti-glare display
DCI-P3: 100%
Refresh Rate: 240Hz
Response Time: 3ms
G-Sync
Pantone Validated
MUX Switch + NVIDIA® Advanced Optimus
Support Dolby Vision HDR : Yes

16-inch
FHD+ 16:10 (1920 x 1200, WUXGA)
IPS-level
Anti-glare display
sRGB: 100%
Refresh Rate: 165Hz
Response Time: 7ms
G-Sync
MUX Switch + NVIDIA® Advanced Optimus
Support Dolby Vision HDR : Yes

ROG Nebula Display
16-inch
QHD+ 16:10 (2560 x 1600, WQXGA)
IPS-level
Anti-glare display
DCI-P3: 100%
Refresh Rate: 240Hz
Response Time: 3ms
G-Sync
Pantone Validated
MUX Switch + NVIDIA® Advanced Optimus
Support Dolby Vision HDR : Yes

Memory

8GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC x 2
Max Capacity: 32GB
Support dual channel memory

16GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC
Max Capacity: 32GB
Support dual channel memory

16GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC x 2
Max Capacity: 32GB
Support dual channel memory

Storage

1TB PCIe® 4.0 NVMe™ M.2 SSD

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I/O Ports

1x 3.5mm Combo Audio Jack
1x HDMI 2.1 FRL
1x USB 3.2 Gen 2 Type-C support display / power delivery
2x USB 3.2 Gen 2 Type-A
1x RJ45 LAN port
1x Thunderbolt™ 4 support DisplayPort™

1x 3.5mm Combo Audio Jack
1x HDMI 2.1 FRL
1x USB 3.2 Gen 2 Type-C support display / power delivery
2x USB 3.2 Gen 2 Type-A
1x RJ45 LAN port
1x Thunderbolt™ 4 support DisplayPort™

1x 3.5mm Combo Audio Jack
1x HDMI 2.1 FRL
1x USB 3.2 Gen 2 Type-C support display / power delivery
2x USB 3.2 Gen 2 Type-A
1x RJ45 LAN port
1x Thunderbolt™ 4 support DisplayPort™

Keyboard and Touchpad

Backlit Chiclet Keyboard 4-Zone RGB
Touchpad

Backlit Chiclet Keyboard 4-Zone RGB
Touchpad

Backlit Chiclet Keyboard Per-Key RGB
Touchpad



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Product Comparison

Product added to comparison. Add up to 4 products or proceed to view compare products selected.

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Audio

Smart Amp Technology

Audio by Dolby Atmos

AI noise-canceling technology

Hi-Res certification (for headphone)

Support Microsoft Cortana near field/far field

Built-in array microphone

2-speaker system with Smart Amplifier Technology

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2-speaker system with Smart Amplifier Technology

Network and Communication

Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth®
5.3 Wireless Card (*Bluetooth® version may change with OS version different.)

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5.3 Wireless Card (*Bluetooth® version may change with OS version different.)

Battery

90WHrs, 4S1P, 4-cell Li-ion

90WHrs, 4S1P, 4-cell Li-ion

90WHrs, 4S1P, 4-cell Li-ion

Power Supply

ø6.0; 240W AC Adaptor; Output: 20V DC, 12A, 240W;
Input: 100~240C AC 50/60Hz universal

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Input: 100~240C AC 50/60Hz universal

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AURA SYNC

Yes

Yes

Yes

Device Lighting

Aura Sync Light Bar
Aura Sync logo

Aura Sync Light Bar

Aura Sync Light Bar
Aura Sync logo

Weight

2.50 Kg (lbs)

2.50 Kg (5.51 lbs)

2.50 Kg (lbs)

Dimensions (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")

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Microsoft Office

1-month trial for new Microsoft 365 customers.
Credit card required.

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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.)

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Ecolabels & Compliances

ENERGY STAR®

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Security



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