



ROG Strix G18 (2024)

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### ROG Strix G18 (2024) G814

Features Tech Specs Gallery Support

#### Operating System

Windows 11 Pro

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#### 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™ 4080 Laptop GPU  
ROG Boost: 2330MHz\* at 175W (2280MHz Boost Clock+50MHz OC, 150W+25W Dynamic Boost)  
12GB GDDR6

#### Graphics

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

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

#### Graphics

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

#### Display

ROG Nebula Display  
18-inch  
QHD+ 16:10 (2560 x 1600, WQXGA)  
IPS-level  
Anti-glare display  
DCI-P3:100.00%  
Refresh Rate:240Hz  
Response Time:3ms  
G-Sync  
Pantone Validated  
MUX Switch + NVIDIA® Advanced Optimus  
Support Dolby Vision HDR :Yes

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Pantone Validated  
MUX Switch + NVIDIA® Advanced Optimus  
Support Dolby Vision HDR :Yes

#### Memory

32GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC x 2  
Max Capacity:64GB  
Support dual channel memory

#### 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

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#### Storage

2TB 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  
2x USB 3.2 Gen 2 Type-A  
1x USB 3.2 Gen 2 Type-C support  
DisplayPort™ / power delivery / G-SYNC  
1x 2.5G LAN port  
1x Thunderbolt™ 4 support DisplayPort™ / G-SYNC

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

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1x RJ45 LAN port  
1x Thunderbolt™ 4 support DisplayPort™

#### Keyboard and Touchpad

Backlit Chiclet Keyboard Per-Key RGB  
Touchpad

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<h3>Camera</h3> <p>720P HD camera</p>	<h3>Camera</h3> <p>720P HD camera</p>	<h3>Camera</h3> <p>720P HD camera</p>	<h3>Camera</h3> <p>720P HD camera</p>
<h3>Audio</h3> <p>Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification Built-in array microphone 2-speaker system with Smart Amplifier Technology</p>	<h3>Audio</h3> <p>Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification Built-in array microphone 2-speaker system with Smart Amplifier Technology</p>	<h3>Audio</h3> <p>Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification Built-in array microphone 2-speaker system with Smart Amplifier Technology</p>	<h3>Audio</h3> <p>Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification Built-in array microphone 2-speaker system with Smart Amplifier Technology</p>
<h3>Network and Communication</h3> <p>Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)</p>	<h3>Network and Communication</h3> <p>Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)</p>	<h3>Network and Communication</h3> <p>Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)</p>	<h3>Network and Communication</h3> <p>Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)</p>
<h3>Battery</h3> <p>90WHrs, 4S1P, 4-cell Li-ion</p>	<h3>Battery</h3> <p>90WHrs, 4S1P, 4-cell Li-ion</p>	<h3>Battery</h3> <p>90WHrs, 4S1P, 4-cell Li-ion</p>	<h3>Battery</h3> <p>90WHrs, 4S1P, 4-cell Li-ion</p>
<h3>Power Supply</h3> <p>ø6.0, 330W AC Adapter, Output: 20V DC, 16.5A, 330W, Input: 100~240C AC 50/60Hz universal TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal</p>	<h3>Power Supply</h3> <p>ø6.0, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100~240C AC 50/60Hz universal TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal</p>	<h3>Power Supply</h3> <p>ø6.0, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100~240C AC 50/60Hz universal TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal</p>	<h3>Power Supply</h3> <p>ø6.0, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100~240C AC 50/60Hz universal TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal</p>
<h3>AURA SYNC</h3> <p>Yes</p>	<h3>AURA SYNC</h3> <p>Yes</p>	<h3>AURA SYNC</h3> <p>Yes</p>	<h3>AURA SYNC</h3> <p>Yes</p>
<h3>Device Lighting</h3> <p>Aura Sync Light Bar</p>	<h3>Device Lighting</h3> <p>Aura Sync Light Bar</p>	<h3>Device Lighting</h3> <p>Aura Sync Light Bar Aura Sync logo</p>	<h3>Device Lighting</h3> <p>Aura Sync Light Bar</p>
<h3>Weight</h3> <p>3.00 Kg ( 6.61 lbs)</p>	<h3>Weight</h3> <p>3.00 Kg ( 6.61 lbs)</p>	<h3>Weight</h3> <p>3.00 Kg ( 6.61 lbs)</p>	<h3>Weight</h3> <p>3.00 Kg ( 6.61 lbs)</p>
<h3>Dimensions (W x D x H)</h3> <p>39.9 x 29.4 x 2.31 ~ 3.08 cm (15.71" x 11.57" x 0.91" ~ 1.21")</p>	<h3>Dimensions (W x D x H)</h3> <p>39.9 x 29.4 x 2.31 ~ 3.08 cm (15.71" x 11.57" x 0.91" ~ 1.21")</p>	<h3>Dimensions (W x D x H)</h3> <p>39.9 x 29.4 x 2.31 ~ 3.08 cm (15.71" x 11.57" x 0.91" ~ 1.21")</p>	<h3>Dimensions (W x D x H)</h3> <p>39.9 x 29.4 x 2.31 ~ 3.08 cm (15.71" x 11.57" x 0.91" ~ 1.21")</p>
<h3>Security</h3> <p>BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM) McAfee® 30 days free trial</p>	<h3>Security</h3> <p>BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM) McAfee® 30 days free trial</p>	<h3>Security</h3> <p>BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM) McAfee® 30 days free trial</p>	<h3>Security</h3> <p>BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM) McAfee® 30 days free trial</p>
<h3>Included in the Box</h3> <p>ROG backpack(optional) ROG Impact Gaming Mouse(optional) TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal(optional) *Included accessories vary according to country and territory. Please check with your local ASUS retailer for details</p>	<h3>Included in the Box</h3> <p>ROG backpack(optional) ROG Impact Gaming Mouse(optional) TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal(optional) *Included accessories vary according to country and territory. Please check with your local ASUS retailer for details</p>	<h3>Included in the Box</h3> <p>ROG backpack(optional) ROG Impact Gaming Mouse(optional) TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal(optional) *Included accessories vary according to country and territory. Please check with your local ASUS retailer for details</p>	<h3>Included in the Box</h3> <p>ROG backpack(optional) ROG Impact Gaming Mouse(optional) TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal(optional) *Included accessories vary according to country and territory. Please check with your local ASUS retailer for details</p>
<h3>Note</h3>	<h3>Note</h3>	<h3>Note</h3>	<h3>Note</h3>