THE ROG LEGACY CONTINUES

ROG R&D engineers are hardcore gamers, too. We know gaming, and we are constantly striving to develop products that gamers need. Our goal: give gamers the ultimate gaming hardware.
ROG HAS WON MORE THAN 7000 AWARDS WORLDWIDE SINCE 2006

Global Recognition Highlights

The COMPUTEX DII awards honor products that stand for excellent design, evaluated by a highly-profile jury.

reddot winner 2022

Each Good Design award recognizes excellence in design and engineering.

CIES innovation awards recognize the highest standards in product design and engineering.

Best Choice Award 2018 acknowledges the highest recognitions of functionality, innovation, and creativity.

ROG Zephyrus S15 (2021)
ROG Strix Scar 16 (2021)
ROG Strix Shot L17 (2021)
ROG Flow X13 (2021)
ROG Zephyrus Duo 16 (2021)
ROG Zephyrus G14 (2021)
ROG Zephyrus G14 (2020)

*Brand & Product Awards 2021 - HERA*

*Brand & Product Awards 2021 - HERA*

*Brand & Product Awards 2021 - HERA*

*Brand & Product Awards 2021 - HERA*
2 Year Perfect Warranty
- Free Upgrade

WHAT IS THE 2 YEAR PERFECT WARRANTY?
- Accidental damage warranty within the UAE
- 2 Year International Warranty in more than 80 countries
- Free pickup and return service within the UAE
- Standard warranty terms and conditions do not cover accidental damage
- ASUS Perfect Warranty provides coverage for the following types of accidental damage:
  - Drench, Falls or other Collisions, Liquid Damage, Electrical Surge, Accidental Breakages

WHO CAN USE THE SERVICE?
Customers who purchase ASUS/ROG laptops from authorized ASUS authorized UAE retailers starting on January 1, 2023 to June 30, 2023.

HOW CAN THE SERVICE BE ACTIVATED?
Customers must register online within ninety (90) days of purchase to claim the 2 Year Perfect Warranty upgrade with E-mail or phone notification from ASUS.

TERMS & CONDITIONS
- Under this service package, customer is eligible to one claim per year during the coverage period and only one part is allowed to be claimed newly.
- Eligible only for ASUS/ ROG Notebooks purchased from ASUS authorized partners starting from January 1, 2023 to June 30, 2023.
- The ASUS 2 Year Perfect Warranty can only be used within the UAE, and products must also be purchased from authorized ASUS Partners in the UAE only.
- Scan the QR code and register online to upgrade to the 2 Year Perfect Warranty.
- Receive the upgrade and confirmation via email or phone call from ASUS.
- To receive 2 Year Perfect Warranty upgrade, customer must register within ninety (90) days of purchasing the ASUS/ROG Laptop.
- ASUS reserves the right to modify the terms & conditions without prior notice.

INCLUSIONS
The ASUS 2 Year Perfect Warranty covers the events listed below:
- Drops, falls or other Collisions, Liquid Damage, Electrical Surge, Accidental Breakages.

EXCLUSIONS
This ASUS Perfect Warranty does not cover the events listed below:
- The installation of wrong programmes (or illegal programmes) by the customer
- Lost or stolen products
- The damage caused by customer intentionally
- Loss of data during transfer, recovery of installation to the laptop
- Accessories (Mouse, Cable, Bags, etc.)
- Serial number not recognizable
- Without Email confirmation from ASUS
- Contact us for more information: Email: perfect_warranty_mw@asus.com, Tel: 009-2 707-63

2 Year International Warranty
- 2 Year International Warranty in more than 80 countries
- Free pick-up and return service within UAE

Did you know that ASUS offers a 2 year International Warranty that’s absolutely FREE! Some vendors claim to give a 2 year warranty, but it’s actually only a 1 year labor & parts warranty plus 2 year free labor. That means after the 1 year warranty has expired, you still have to pay the cost of spare parts for repairs.

Were confident in the quality and durability of our products, so we provide a 2 year International Warranty, more than 80 countries worldwide for ASUS laptops.

International Warranty in more than 80 Countries

https://www.asus.com/support/service-center-location
SAY HELLO TO #TEAMROG

Matt Heafy
Tristan’s local driver

Son Heung - min
Professional Footballer

Loserfruit
Stream and YouTube

Karl-Anthony Towns
Professional Basketball Player and NBA All-Star

Trent Arant
Vocal Gaming Power

William “Spit” Lofstedt
Rogue/Envy/LOL Pro Player

DEVELOPED WITH PRO GAMERS FOR GAMERS

Official Weapon of Pro Gamers

Florida Mayhem

Overwatch

“ROG known exactly what kind of hardware professional players and normal PC gamers need. This partnership will give our players the up-to-date gaming tech and solid machines for any gaming or streaming needs our team needs. Mayhem and ROG are ready to ‘Bring The Mayhem together in 2022’.”

Florida Mutineers

Call of Duty

“With the Call of Duty League switching to PC only it is important that our players are on the best performing and most reliable hardware. ROG is designed with competitive gaming in mind making them a superb partner for our players practicing and streaming needs.”
DESIGNED WITH PRO GAMERS FOR GAMERS

Official Weapon of Pro Gamers

Misfits Premier

League of Legends
“Partnering with ROG will enable our LPL team to reach new heights. We believe ROG will help our players play at a top level without having to worry about the PC they're playing on.”

Rogue

League of Legends
Rogue is a global esports club with professional teams that compete in the biggest games and best esports leagues on the planet. These include League of Legends, CS:GO, Rainbow Six Siege and Rocket League. We proudly rely on ROG to keep us on the cutting edge of gaming technology. ROG’s dedication to esports and its passion for fanatical matches our own, and that’s why our players trust and use ROG products every day.

RRQ

Valorant
“As a team aiming for the best, we always maintain our quality by training, working hard, and trying to be the best. Likewise, ROG continually features the latest technology for excellent quality. We strive for the same goal of quality, so there’s only one better than ROG.”

London Royal Ravens

Call of Duty
London Royal Ravens are the UK’s premier team in the Call of Duty League. Their playstyle focuses on unparalleled teamwork, tactical precision, and perfecting strategic influence. The Ravens wear top of the line products to achieve success, and that’s why they rely on ROG products like the high-performance ROG STRIX SCAR 17 GE to take their gameplay to the next level.
STRINGENT QUALITY CONTROL

All ROG notebooks go through a series of durability tests to ensure toughness and reliability. They’re tested under extreme conditions and conditions to ensure they’re always up to the high standards expected of ROG gear.

Vibration Test

Vibrations can cause serious damages to delicate components. Our ROG notebooks use high-grade aluminum alloy chassis, providing excellent rigidity, and are tested with a 200Hz, 2mm vibration test.

Temperature Test

We test ROG systems in a humidity chamber and under a heat lamp for 24 hours. This simulates the effects of high-temperature environments, providing a more accurate understanding of the potential issues.

Keyboard Test

To ensure that our laptop keyboards are not damaged during use, we have tested them with a 50,000 keystroke test.

Twist Test

As part of our testing process, we have a twist test to check if the display panel remains intact during operation.

Noise Test

We test our ROG notebooks under extreme conditions to ensure they are quiet enough to use in public places.

Panel Pressure Test

We test the durability of the faceplate and display panel of the ROG notebooks. Each display panel is subjected to a pressure test to ensure it can withstand the rigors of daily use.

Hinge Rotation Test

The hinge is subjected to a 180-degree rotation test to ensure it remains intact under normal use.

Port Test

We plug in various devices to our ROG notebooks to ensure they can handle various attachments.

Drop Test

Our ROG notebooks are subjected to a drop test from a height of 1 meter to ensure they can withstand minor accidents.

Shock Test

Our ROG notebooks are subjected to a shock test of 11g at a frequency of 100Hz to ensure they remain functional under sudden impacts.

Acceleration Test

The ROG notebooks are subjected to a 10g acceleration test to ensure they can handle sudden movements.

Abrasive Test

Our ROG notebooks are subjected to a 150g pressure test to ensure they can withstand pressure-sensitive surfaces.
LAPTOP PRODUCT CATEGORY

Exceptional Gaming PCs for Every Gamer

Product Segmentation

ROG ZEPHYRUS
Lifestyle Gaming

ROG ZEPHYRUS
Versatile Gaming

ROG FLOW
Performance Gaming

TUF GAMING
Value Gaming

PRAISED BY MEDIA WORLDWIDE

Media Highlights

"The 2022 ROG Zephyrus G14 is the best gaming laptop of the year. The specs are fantastic and performance is outstanding." - LaptopMag

"Unbelievable the new 2022 ROG Zephyrus continues to be one of the best gaming laptops that has added new capabilities of our favorite line of Laptop. - LaptopMag"

"The 2022 ROG Zephyrus G14 is a capable performer for its size segment and an expected update compared to the previous 2021 G14." - UltrabookReview

"The 2022 ROG Zephyrus G14 is perhaps the best all-around gaming laptop for those who need a laptop capable of playing the latest games at high frame rates second. - Gizmodo"

"OMG. This is the coziest gaming item that ASUS has put out in several years!" - D2D

"I hope Asus continues to make more cool designs like this in the future, because this is amazing and it's got super cool features." - Matthew Meatz

"The 2021 ROG Zephyrus G14 is impressively powerful for a computer of this size." - UltrabookReview

"This is the future of portable gaming laptops. - LaptopMag"
POWERFUL GAMING WEAPONS
Top Gaming Features for Professional Gamers

Audio
- 6 Speakers with Dual-Space-Cancelling Woofers
- Dual-Space-Air Flow Technology
- 3D Widescreen Speakers

Software
- GameVisual
- GameFirst
- Overclock Technology
- Aura RGB
- Aura Sync

Performance
- G-Sync
- HyperDrive Extreme
- Long Battery Life
- 4800 Memory
- 4800 Memory 32GB
- PCIe 4.0 Support

Keyboard
- Overkill Keyboard
- Aura RGB
- Aura Sync
- Multi-Channel Channels
- Multi-Channel Channels

Design
- Gaming Handle
- Variable Form Factor
- Self-Cleaning Cooling 2.0
- Aura RGB
- Liquid Metal Cooling

Hardware
- Navi 3000
- Nvidia G-Sync
- Aura RGB
- Overkill Technology
- Multi-Channel Channels

Gaming Features
- Top C Charm
- Navi Switch
- 100% QC-P3
- 4K Display
- FHD Display
THE LATEST 13th GEN INTEL CORE i9 PROCESSOR

Power through any game or project with an 13th Gen Intel Core i9 processor featuring a hybrid architecture built from the ground up for Windows 11. With up to 6 Performance Cores and 8 Efficient Cores, AAA gaming and streaming is effortless.

THE LATEST AMD RYZEN 7000 SERIES PROCESSOR

Enjoy exceptional gaming and multitasking performance with the AMD Ryzen 7000 series processor. This high-end processor can easily game, stream, and run all of your other applications at the same time, all while keeping your in-game experience smooth and snappy.

THE LATEST 40 SERIES RTX GEFORCE GRAPHICS

Top-tier components require power, especially when it comes to maximizing your GPU's performance. The NVIDIA GeForce RTX 40 series Laptop GPU is fully unleashed with Dynamic Boost. Leveraging the power of RTX, the 40 series laptops are fully equipped for any gaming or professional use, taking your experience further than ever before.

DYNAMIC BOOST MAXIMIZES PERFORMANCE

Dynamic Boost shifts power between the CPU and GPU to intelligently maximize performance for the thermal design power of your device. Serious gaming creates a heavy load on graphics with relatively light demand on the CPU, so Dynamic Boost amplifies GPU power to improve performance for smoother gameplay.

Dynamic Boost Technology Enables Efficiency

![Dynamic Boost Chart]

- 110%
- 100%
- 90%
- 80%
- 70%
- 60%
- 50%
- 40%
- 30%
- 20%
- 10%
- 0%

- Dynamic Boost Off
- Dynamic Boost On

- Graph only shows increased performance with Dynamic Boost.
NVIDIA ADVANCED OPTIMUS

With NVIDIA® Advanced Optimus, the laptop can automatically route frames from the discrete GPU directly to the display using a MUX switch, bypassing the integral 5-10% compared to machines without a MUX Switch, making sure you get the absolute best gaming experience—all without needing touch a single button. This automatic switching also preserves your machine’s battery life, as it can dynamically transition between the high power discrete GPU and the lower power integrated GPU. No matter what you’re doing, your machine will switch to the most optimized mode without you having to lift a finger.

SUPERFAST PCIe® 4.0x4 SSD

The latest M.2 NVMe PCIe® 4.0x4 SSD doubles the transfer rate of the previous generation to enable new levels of performance. 20 PCIe® Gen 4 lanes connected directly to the CPU unleashes peak speeds from the latest GPUs and gives a single SSD up to 7.0 Gb/s of interface bandwidth.

- Theoretical performance is based on PCI Express x4, x8, and x16 numbers and preliminary estimates. Actual results may vary by SSD device.

<table>
<thead>
<tr>
<th>PCIe 4.0 Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCIe Gen4 x4d</td>
</tr>
<tr>
<td>PCIe Gen4 x8d</td>
</tr>
</tbody>
</table>

POWERFUL DDR5-4800 MEMORY

The newest DDR5-4800 memory lets you multitask like a pro. This high-performance RAM stands up to any challenge thrown its way. Gamers can play the latest AAA titles, stream and chat with teammates without missing a beat, and run every program they need at once for peak productivity.

<table>
<thead>
<tr>
<th>Theoretical Data Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDR5-4800</td>
</tr>
<tr>
<td>DDR4-3200</td>
</tr>
</tbody>
</table>
ROG INTELLIGENT COOLING

ROG uses a strategic mix of hardware and software to achieve ideal cooling for each combination of components and chassis, combined with smart software that optimizes your experience for work and play.

KEEP YOUR COOL WITH LIQUID METAL
CONDUCTONAUT EXTREME

Cooling is one of the greatest challenges facing gaming laptops, and ROG is constantly pushing the envelope. This drive led to liquid metals, which are extremely effective at transferring thermal energy between surfaces like a processor die and heatsink. Over a year of testing with various pastes, ROG engineers observed reductions in temperature up to 10 degrees Celsius with liquid metal, depending on the CPU. Lower temperatures help processors sustain higher clock speeds for longer and prevent fans from ramping up and making noise. Unlike typical pastes, liquid metal will also never dry out, improving long term stability.

New for 2022, select ROG models now feature Thermal Grizzly’s cutting-edge Conductonaut Extreme, which improves liquid metal’s heat transfer even further. Compared to traditional thermal pastes, this indium- and gallium-based compound offers 12X higher conductivity and CPU/GPU temperatures up to 18 degrees cooler. Used exclusively by ROG, this material offers the highest thermal transfer available on a laptop.

*Temperature improvements compared to the previous generation compound, as tested internally by ASUS. Thermal conductivity components industry standard.

Up to 15°C Cooler CPU/GPU Temperature

Up to 17X Better Thermal Conductivity

thermal grizzly

Conductonaut
EXTREME
FULL-SURROUND VENTS
MAXIMIZED AIRFLOW

Hot air needs somewhere to go. We've redesigned the Strix 15/17 series exhaust vents to give it the best flow possible. In addition to making the entire area of the machine an exhaust vent, the Strix 15/17 retains its side vents, giving it ample opportunity to move hot air out of the system. The chassis itself was also moved even closer to the heatsinks, giving hot air a straight-line path out of the machine and avoiding any recirculation.

TRI-FAN TECHNOLOGY
BOOSTED UP COOLING EFFICIENCY

At the heart of every great laptop is a great cooling solution. Our new Tri-Fan Technology directs air through precisely calculated cutouts in the chassis, sending airflow directly towards internal components to keep them cool in all conditions. A third auxiliary fan also helps to send additional heat from the GPU directly to the heatsinks, keeping the machine cool during long video renders or gaming sessions.

FULL-WIDTH HEATSINK
DOUBLE THE SIZE

The Strix 15 features dual heatsinks, with each stack lined with ultra-thin copper fins as slim as 0.1mm. This allows for higher density and lower air resistance, with a total of 119,929mm² of surface area. This all-copper construction continues to the full-width heatsink, which is double the size of a normal heatsink and covers the entire rear of the machine.
OPEN UP THE VENTS WITH AAS PLUS 2.0

Active Aerodynamic System Plus 2.0 (AAS Plus 2.0) pushes the AAS concept further on select models, opening a massive 29.5mm air intake behind the lower secondary display that increases airflow by up to 30%. Instead of drawing air in from below the laptop, where components can warm incoming air, this top-facing vent draws cooler air from above. The larger space also helps keep noise levels below 45dB in performance mode, making a quieter gaming experience.

Wide: 28.5mm  
Up to 30% More Airflow  
Up to 3dB Less Noise

UPGRADED ARC FLOW FANS™ MOVE MORE AIR WITH LESS NOISE

Upgraded Arc Flow Fans™ feature curved blades specially shaped to maximize airflow with minimal noise. Laptop fan blades are typically the same thickness throughout, but our new design can get as thin as 0.1mm at the base before expanding toward the tip. Varying the thickness reduces turbulence in the fan blades and creates air with centrifugal force, giving you a quieter overall experience.

* Compared to previous 83-blade 100 fan design, as tested internally by ASUS.

Up to 15% More airflow  
3dB Lower  
3mm Thinner

VARIABLE BLADE THICKNESS DESIGN REDUCES AIR COLLISION

Our fans use blades of variable thickness and shape to reduce turbulence and maximize airflow efficiency. This patented new design is made possible by the latest liquid-crystal polymer processing technologies that allow us to create ultra-light, strong fan blades for increased airflow.

ANTI-RESONANCE DESIGN REDUCES TURBULENCE

Our new Arc Flow Fans™ were inspired by the most aerodynamic designs found in nature. Each blade is copped with a tip to regulate airflow, the same way that a bird’s feathers are curled to keep the bird balanced in flight. Each blade has a wave pattern that is inspired by the smoothing way that fins sweep, guiding the flow of air around the fan for maximum efficiency.

With Anti-Resonance Design  
Increased Airflow Efficiency

Without Anti-Resonance Design  
Decreased Airflow Efficiency
0dB AMBIENT COOLING, ZERO DISTRACTIONS

Enjoy true silent cooling under light workloads with 0dB Ambient Cooling. In the Silent operating mode, the cooling system switches off all fans during everyday tasks to dissipate heat passively. This lets you concentrate on your work and immerse yourself in movies with less distraction. If CPU or GPU temperatures increase, the fans automatically switch on again.

UP TO 7 COMPREHENSIVE HEATPIPES GOT YOU COVERED

Our comprehensive solution uses up to seven heatpipes and quad heatpipes for efficient dissipation across all internal components. Unlike simpler designs which only cover the CPU and GPU, this layout also draws heat away from the video RAM and voltage regulation modules for better system stability.

VAPOR CHAMBERS DISSIPATE HEAT FASTER

Compared to conventional heat pipes that only transfer heat along their axis, vapor chamber designs spread heat across their entire surface, creating a wider area for heat dissipation to rapidly lower temperatures in small spaces. Our design also uses a rectangular thermal plate to direct heat away from not only the CPU and GPU, but also the power regulation circuitry. Reducing the temperature of these power components helps improve long-term stability and reliability.

0.1MM ULTRA THIN FINS FOR THE WIN

Thermal energy is dissipated by four heatsinks, each lined with ultrathin copper fins as thin as 0.1mm. These fins are half the size of typical solutions, allowing for higher density for heat dissipation and lower air resistance to allow for smoother airflow. There are up to 352 heatsink fins totaling 110,352 mm² of surface area.

- Up to 13% Better Heat Dissipation
- Up to 7% Lower Air Resistance
- Up to 69% Faster Thermal Conductivity
SECOND GENERATION ANTIDUST TUNNELS EJECT DEBRIS

Our upgraded thermal module design features shorter antiskirt tunnels that leave up to 5% more space around the fan, improving airflow by up to 15%. Preventing the build-up of dust ensures the long-term stability and reliability of your system.

FILTER IN. DUST OUT.

First introduced in the Zephyrus G14, the ROG Flow X16 features a dust filter on its turbine vents. Dust and filters can collect inside the machine, trapping heat and causing degraded performance over time. A filter helps keep dust out, allowing the CPU and GPU to breathe easier for years of smooth and stable operation.

OPERATING MODES STRIKE A BALANCE BETWEEN SPEED AND NOISE

Exactly tuned system profiles let you quickly adapt to different scenarios using a convenient keyboard shortcut. Turbo mode maximizes fan speed and frequencies to accelerate CPU-intensive workloads like video editing and 3D rendering. Performance mode optimizes performance and cooling to lower noise levels under 45dB while gaming. Silent mode goes further to take acoustics below 35dB for lighter workloads like watching videos.

SCENARIO PROFILES GIVE YOU THE RIGHT COOLING AT THE RIGHT TIME

Scenario Profiles Give You the Right Cooling at the Right Time! Automatic switching between Silent, Performance, and Turbo modes is just the beginning for Scenario Profiles. You can also define application-specific profiles for other virtual system profiles, like the lighting configuration, whether the Windows key or touchpad is enabled. Armory Crate makes adjustments in an instant to suit the task at hand, and you can configure each profile exactly how you want.
**ROG NEBULA**

**FAST. BRIGHT. VIVID**

IMMERSE YOURSELF IN TOP-TIER GAMING VISUALS

Display specifications can be complicated, especially in gaming laptops, where response times, resolution, refresh rates, contrast ratios, and brightness can all affect the overall experience. Instead of relying on users to wade through mountains of specifications, ROG created the ROG Nebula. Every Nebula display must meet a strict set of requirements that guarantee fast, bright, vivid images. If an ROG laptop carries the Nebula name, you know it's one of the world's ultimate gaming displays.

**ROG NEBULA DISPLAY**

**ROG NEBULA HDR**

**ULTRA-FAST MOTION**

Fast-paced games require fast panels, and a combination of high refresh rates and quick response times can give you a competitive edge on the battlefield.

- QHD 240Hz
- NVIDIA G-SYNC
- NVIDIA Advanced Optimus

**DAZZLING BRIGHTNESS**

Brighter displays allow for a clearer picture, especially in well-lit rooms or outdoors. While typical laptop displays can produce around 300 nits of brightness, ROG's Nebula displays can hit up to 1,100 nits for a bright, clear image. Our Nebula HDR displays feature advanced Mini LED backlighting, enabling them to hit an eye-watering 1,100 nits of peak brightness for incredible HDR experiences.

- Up to 1,100 nits brightness
- Up to 100,000:1 contrast ratio

**VIBRANT COLOR**

The traditional sRGB space can only produce a fraction of the colors visible to the human eye. A display with 100% DCI-P3 coverage encompasses a broader range of hues for more vivid, true-to-life colors, using the same color palettes as modern HDR movies.

- 100% DCI-P3
- Pantone Validated
**ROG NEBULA**

**FAST. BRIGHT. VIVID**

**NEBULA HDR ENGINE**

The Nebula HDR engine is a purpose-built algorithm capable of reducing haloing by up to 21%. Trained on an instruction set of 100 videos and over 5000 still images, the algorithm is able to dynamically adjust the HDR lighting needed to keep any haloing from the dimming zones to a minimum.

**Exclusive Local Dimming Algorithm**

**PROCESS**

250 images for 5 seconds

**COLOR MAPPING**

While DCI-P3 encompasses a wider color space than traditional sRGB displays, many games, applications, and web pages are still built with sRGB in mind. In those situations, you can switch the laptop back into sRGB mode for higher accuracy. This can be especially crucial when doing color critical design work.

---

**DOLBY VISION TECHNOLOGY**

Scene-to-scene, frame-to-frame, Dolby Vision makes media look better. The technology improves on standard high dynamic range (HDR) 4K video, dynamically adjusting visuals to make every image in front of you richer, brighter, and more vivid. Creators can film and edit their scenes, scenes, and other content in a format commonly used by industry professionals.

<table>
<thead>
<tr>
<th>Color Gamut</th>
<th>10-bit DCI-P3, supports Gamut Mapping</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color Depth</td>
<td>16 bit</td>
</tr>
<tr>
<td>Resolution / Refresh Rate</td>
<td>4K 120Hz, UHD 120Hz, FHD 240Hz+</td>
</tr>
<tr>
<td>Response Time</td>
<td>3 ms or Less</td>
</tr>
<tr>
<td>VRR</td>
<td>C-Sync</td>
</tr>
<tr>
<td>Eye Comfort Certification</td>
<td>VFEI Standard Certified (Vicker Free / Anti Blue Light)</td>
</tr>
<tr>
<td>Color Certification</td>
<td>PANTONE Validated</td>
</tr>
<tr>
<td>NVIDIA Switch</td>
<td>NVIDIA Advanced Optimus</td>
</tr>
<tr>
<td>Brightness</td>
<td>&gt; 609 nits Brightness, 509 nits Brightness</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>&gt; 2000 : 1, 1200 : 1</td>
</tr>
<tr>
<td>HDR</td>
<td>VESA DisplayHDR Certified Dolby Vision HDR</td>
</tr>
</tbody>
</table>
Thanks to a radical new AAS Plus 2.0 design, the Zephyrus Duo series puts that multi-screen functionality in an ultrasmall form factor. As you open the laptop, the ScreenPad Plus secondary display rises to a 13° angle for comfortable viewing and touchscreen interaction, while simultaneously sliding back to sit flush with the main display. This movement also opens up a massive air intake under the ScreenPad™ Plus to improve cooling.

The large IPS-level secondary display lets gamers maximize play on the primary display while keeping chats and stream controls on deck. Creators can use one of the main display as a canvas and still keep menus, thumbnails, and more while easily editing. The 3840 x 1100 resolution boasts a high pixel density, delivering rich details, crisp text, and flowing lines to match the premium primary display.
DUAL FORCE-CANCELING WOOFERS

Dual force-canceling offsets speaker vibration to produce clearer, more natural sound and add a half-octave lower range to the bass.

3D MIC ARRAY

Three microphones are positioned to catch sound from multiple directions. This setup lets you record sound in three modes optimized for different scenarios, from solo voice recording to capturing a room full of voices in a conference call.

Cardioid Mode

Game / Streaming
Cardioid mode records sound sources that are directly in front of the microphone, delivering rich, full-bodied sound.
Perfect for podcasting, Twitch streaming, music recording, voice overs and instruments.

Stereo Mode

Music Create
Uses both the left and right channels to capture a wide, realistic sound image.
Ideal for recording acoustic guitar or choir and immersive experiences like ASMR videos.

Omni Mode

Meeting
Picks up sound equally from all around the mic.
Best used in recording a band’s live performance, a multi-person podcast or a conference call.
TWO-WAY AI NOISE CANCELATION

Our noise-canceling technology removes unwanted sound from upstream and downstream feeds, delivering audio from both your mic and your teammates’ mics. Settings can be customized on a per-app basis to filter specific apps like voice chat without affecting game audio. Since our technology runs on the CPU, your GPU is freed up to maximize frame rates.

Up Link Speak without Noise

Your Voice + Noise

Speaker via Gaming laptop

With AINC technology to filter the noise

Six-way AINC technology can receive a crystal clear sound

Receiver

Down Link Speak without Noise

With AINC technology, gamers are able to have a crystal clear chat with their team members

Noise cannot be filtered by gaming laptops or AINC technology

You

Human Voice + Noise

From any device and any place

 Eliminate 500-Million Types of Background Noise

-95% Noise Reduction

Two-Way AI Noise Cancelation within Gaming Performance

When the AI Noise Cancellation feature is turned on, our ROG laptops still has a 7.47% higher FPS rates than our competitors. That is because our Two-Way AI Noise Cancelation feature runs on the laptop’s CPU and the GPU is freed up for optimal gaming performance even at higher frequencies and higher performance.

<table>
<thead>
<tr>
<th>AINC Software Comparison Table</th>
<th>Two-Way AINC by ROG Gaming NB</th>
<th>Other AINC software</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avg FPS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Game</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Far cry 5</td>
<td>82</td>
<td>77</td>
</tr>
<tr>
<td>Shadow of the Tomb Raider</td>
<td>71</td>
<td>66</td>
</tr>
<tr>
<td>Assassin’s Creed Odyssey</td>
<td>52</td>
<td>48</td>
</tr>
</tbody>
</table>

Customized Your Two-Way AI Noise Cancelation Experience in Different Scenario Via Armoury Crate

For example, playing YouTube music, having a game match, and communicating with friends with AI noise cancellation on via Discord all at the same time.

After activation, the system will automatically detect the noise and select the ideal setting.

1. Select noise reduction level – low, mid, high.
2. Please go to the settings to specify and select the default configuration.

AI Noise-canceling Input/Output (ASUS Utility)
DOLBY ATMOS FOR RICH SPATIAL SOUND

Experience audio that offers 360-degree depth and direction with virtual 5.1.2-channel surround sound. Whether you're using headphones or speakers, Dolby Atmos technology enhances spatial immersion with noise-nanced layered sound effects that can be further optimized with specially tuned presets for movies and games. DLAT33 algorithms are expertly tuned to your device speakers for improved loudness and clarity.

Dolby Makes Everything on Your Device Sound Better

- Headphone and Speaker Virtualizer
- Intelligent EQ
- Audio Optimizer
- Media Intelligence
- Bass Enhancement

HIGH-RESOLUTION AUDIO

High-Resolution Audio refers to a collection of digital processes and formats that allow the encoding and playback of music using higher sampling rates than the standards used in CDs.

- Original Analog Recording
- CD: 16 bit / 44.1 kHz
- High-Resolution Audio at 24 bit/96 kHz

The graphs above show the original analog sound waves and illustrate how the sample rate of CDs compare to the greater frequency used to record High-Resolution Audio. There is no single standard for High-Resolution Audio, but the most commonly used specifications are 24-bit/96 kHz (3.68 Mbit/s transmitted from CD) and 24 bit/192 kHz (6.56 Mbit/s transmitted from CD).
PATENTED ROG RANGEBOOST STRENGTHENS YOUR SIGNAL

ROG gaming laptops are the first in the world to feature multi-antenna Wi-Fi for 25% more range, higher Wi-Fi throughput, and fewer connection drops. Ultrafast Wi-Fi 6E (802.11Ax) lets you game reliably at LAN speeds whenever compatible connections are available. Wi-Fi 6E boosts network speed and efficiency, providing a better internet connection in crowded spaces. Furthermore, with Wi-Fi 6E’s TWT mechanisms and WPA3 security standard, you can enjoy gaming with extended device battery life and better wireless security.

3DNR CAMERA

Our integrated webcams make it more convenient to stream and create content on the go. Traditional cameras use either 2DNR technology that analyzes individual frames to correct noise, or 3DNR technology that analyzes frames in sequence to improve overall fidelity. Our webcams use a blend of 2DNR and 3DNR technology, reducing noise for images across sequences to get the best of both worlds.

MINI LED BACKLIT KEYBOARD

Arm yourself with a Mini LED keyboard optimized for gaming. With Flip Chip technology, the Mini LED backlight can be more precise and ensure an uniform lighting. Compared to the 2022 models, Mini LED keyboard improves brightness by an average of 40%, making every key stand out even in low light conditions.

40% Brighter  Flip Chip Technology

Keyboard

SILENT KEYBOARD & SILENT TOUCHPAD

Maintain a low profile with a new silent keyboard that keeps keystrokes under 30dB. Compared to the 2022 models, the 2023 touchpad is 20% quieter, making sure you're always in control.

*30dB and 20% as tested internally by ASUS, actual level may differ by product usage.
AURA SYNC
COORDINATES COLORS ACROSS YOUR ECOSYSTEM

AURA CREATOR UNLEASHES UNLIMITED RGB CREATIVITY

Take the exclusive Aura RGB lighting technology to the next level with this powerful tool that lets you easily customize the lighting of all your Aura devices down to the last LED. Create richly detailed, multi-layered effects that make your system come alive with your personality.

TRANSPORT TO ANOTHER WORLD WITH AURA WALLPAPER

Transform your desktop with incredible dynamic wallpapers. Bring your PC's RGB lighting to life by synchronizing Aura Wallpaper with the lighting effects of other Aura Sync compatible devices, including multi-monitor support.

*Effects may vary by model.
**AniMe Matrix™ Display**

**ILLUMINATING NEW PLATFORMS FOR CREATIVITY**

ROG constantly pushes the boundaries of personalization to help users express themselves and make each machine their own. In 2023, the ROG will feature an AniMe Matrix™ panel for the very first time. With 216 precision machined holes and 1711 LEDs, all of the animations are crisper and cleaner than ever before. The groundbreaking AniMe Matrix™ Display turns the top of your gaming notebook into an illuminated canvas that offers you a wholly new platform for creativity. Made up of over a thousand individual LEDs, these displays can be used to show custom animations of your own creation, scrolling text to convey quick messages, equalizer visualizations to enhance your music playback, and status updates that keep you in the loop on new messages. An all-new virtual pet from the ROG universe can hang out on the AniMe Matrix™, too. The intuitive assistant reacts to system usage and battery level—and also stars in its own desktop app!

**Virtual Pet**

A character from the ROG universe, the virtual pet is a fun addition to display as an interactive element to liven up your desktop. Chirp and react to animations and events in real-time to change its appearance and battery level. The virtual pet can also be configured to hang out on the AniMe Matrix™ display.

**Animation**

Show off creative animations in clear white LED lighting with the AniMe Matrix™. You can choose from seven animations by starting individual images from the top three icons and changing them using a simple keyboard shortcut.

**Scrolling Text**

Make your status and thoughts known with a scrolling text feature. Input your text using your keyboard and the display will redisplay your text in clean white LED lighting. Perfect for sending messages from across a room or letting people know “Hey! It’s Dinner Time!”

**Audio Equalizer**

A selection of equalizer visualizations synchronize to your music and amplify your audio experience. Play the DJ at parties and events with visualizations that light up the mood.

**System Notifications**

Even when the laptop is closed, the AniMe Matrix™ display can keep you updated on time, date, battery life, incoming messages, and more.
UNIFIED SYSTEM CONTROL WITH ARMOURY CRATE

The brand-new ROG Armoury Crate software unifies system and lighting control and puts them at your fingertips. Its user-friendly interface lets you manage up to four gaming profiles that automatically load your preferred settings when you launch your favorite titles. These options are the beginning for what will become an even more versatile tool.
ROG ZEPHYRUS M16
Transcend Your Reality.

For gamers who demand the absolute best motion and image clarity, the Zephyrus M16 offers an incredible Nebula HDR Display with a 240Hz refresh rate, 100% DCI-P3 coverage, and a staggering 1100 nits of peak brightness for stunning HDR gameplay. The 16-inch, 16:10 Mini LED panel with 1034 local dimming zones provides incredibly deep blacks for content that jumps right off the screen, whether you’re watching a movie or playing a fast-moving arena shooter.

Mini LED | WQXGA | 240Hz/3ms | 16:10
---|---|---|---

Unshackled performance
Up to 13th Intel® Core™ i9-13900H
Up to NVIDIA® GeForce RTX™ 4090
NVIDIA® Advanced Optimus
32GB Memory

Light up your life
Animation 18,710 Polished Side

Custom engineered cooling
Tri-Fan Technology Full-width heatsink
Thermal Grizzly Liquid Metal

<table>
<thead>
<tr>
<th>Model</th>
<th>ROG Zephyrus M16 (GU604H)</th>
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</thead>
<tbody>
<tr>
<td>CPU</td>
<td>13th Intel® Core™ i9-13900H</td>
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<tr>
<td>GPU</td>
<td>NVIDIA® GeForce RTX™ 4090</td>
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<tr>
<td>Memory</td>
<td>32GB</td>
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<td>Battery</td>
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<tr>
<td>Display</td>
<td>16.1-inch 240Hz 1.000 nit HDR Panel</td>
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<tr>
<td>Processor</td>
<td>Intel® Core™ i9-13900H up to 5.2GHz (32MB Cache)</td>
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<td>Operating System</td>
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<td>Weight</td>
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<tr>
<td>Dimensions</td>
<td>16.1-inch (W) 3.85-inch (H) 0.89-inch (D)</td>
</tr>
</tbody>
</table>

Download configuration guide...
**ROG ZEPHYRUS G14**

Every Game is Your Game.

The Zephyrus G14 is powered by the best of AMD and NVIDIA® for a stellar gaming experience out of the box. Featuring up to AMD Ryzen™ 7 7735HS processor and up to an up to NVIDIA® GeForce RTX™ 3050 Laptop GPU with a 100W max TGP, this 14-inch powerhouse is ready for any gaming or multitasking you can throw at it.

**Specifications**

- **CPU**: AMD Ryzen™ 7 7735HS
- **GPU**: NVIDIA® GeForce RTX™ 3050
- **Max TGP**: 100W
- **Memory**: Up to 16GB

**Features**

- **16:10 Aspect Ratio, Vibrant Pantone® Color**
- **Mini LED**: Up to 144Hz/3ms
- **VELA DisplayHDR 600**: Your display's brightness is just one facet. With 144Hz refresh rate, your screen is crisp with vivid colors.

**Sound**

- **Dolby® Audio**
- **Audio Equalizer**
- **System Notification**

**Precision Engineered Cooling**

The Zephyrus G14 features ROG INTELLIGENT COOLING™, a thermal system that not only distributes cool air, but also expels hot air from the back to ensure the machine's cooling efficiency. The system runs quietly, ensuring you have a smooth gaming experience.

**Lighten Up and Show Off**

Customizable RGB lighting, ambient and Stardust lighting, and four illumination modes let you customize your experience to match your style.

**Virtual Pet**

- **Animation**
- **System Notification**
ROG ZEPHYRUS G16
Amp Your Game.

Continue the Zephyrus G16's gaming legacy with a gorgeous 16-inch 240Hz CHD display with ultra-thin 4.66mm bezels on the all new Zephyrus G16, with up to an Intel® Core™ i9-13900H Processor and up to a NVIDIA® GeForce RTX™ 4070 Laptop GPU with a max TGP of 120 W. As a multi-purpose portable laptop, the powerful 2023 Zephyrus G16 is suited for both gamers and creators.

Intel® 13th Gen Core™ i9 13900H
NVIDIA® GeForce RTX™ 4070

Max TGP 120W
NVIDIA® Advanced Optimus
16GB DDR5 MEMORY

Ultra-Fast, Ultra Vivid

100% DCI-P3 color
1920x1080 QWVGA Resolution
Up to 240Hz refresh rate

Cool Off In Style
Thermal Grizzly Liquid Metal Compound
Arc Flow Fans

Always Ready For Action

90Wh Battery
2.00 KG
Only 19.9mm
ROG Zephyrus Duo 16
Two Screens. Zero Boundaries.

With ROG ScreenPad Plus™, the 2022 ROG Zephyrus Duo 16 is ready to seamlessly deliver exceptional Windows 11 gaming and multitasking. Up to an AMD Ryzen™ 9 7945HX processor and an NVIDIA® GeForce RTX™ 4090 Laptop GPU with MUX Switch technology brings laptop gaming to a whole new level. Mini LED allows for deeper contrast and higher brightness than traditional LED displays, allowing for an image that pops off the screen. The AAS Plus 2.0 28.5mm air intake and upgraded liquid metal Conductonaut Extreme on the CPU keep thermals in check. Elevate your entire experience with premium audio delivered by six speakers and immersive Dolby Atmos surround sound.

**AMD Ryzen™ 9 7945HX**
**NVIDIA® GeForce RTX™ 4090**

**MUX Switch**
**32GB**

**Mini LED. Maximum Vibrance.**
Whether you’re gaming, working on your favorite content, or just relaxing, choosing a ROG Zephyrus Duo 16 offers superior experiences with up to 100% DCI-P3 color space and 16:10 aspect ratio for a more immersive visual experience. The mini LED technology lets you enjoy a color gamut of over 100% sRGB, 90% DCI-P3, and 82% Adobe RGB, delivering vivid colors and a more realistic visual experience.

**100% DCI-P3**
**Mini LED WQXGA 240Hz**

**Cooling You Can Feel, Not Hear, with AAS Plus 2.0**
AAS Plus 2.0 improves the airflow and cooling efficiency of the system by 25% compared to traditional designs. Conductonaut Extreme is a high-efficiency heat-pasting solution that delivers thermal efficiency up to 70% better than a traditional thermal paste. With this advanced technology, the ROG Zephyrus Duo 16 can average 0.4°C lower top junction temperatures compared to traditional designs.

<table>
<thead>
<tr>
<th>AAS Plus 2.0 Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Intakes</td>
</tr>
<tr>
<td>Conductonaut Extreme</td>
</tr>
</tbody>
</table>

**True Multitasking with a Seamless Dual Display**
The Zephyrus Duo 16 laptop showcases true multitasking capabilities, with the dual screen setup enabling seamless delivery of content. Gorilla Glass DXC provides a durable and scratch-resistant surface to ensure that your gaming and productivity sessions are uninterrupted.

**Gorilla Glass DXC**
ROG FLOW X16

Ultra versatile. Ultra impressive.

Unfold brand new Windows 11 Home gaming experiences with the ROG Flow X16. Featuring up to a 13th Gen Intel® Core™ i9-13900H processor, up to an NVIDIA® GeForce RTX™ 4060 Laptop GPU with a MUX Switch and NVIDIA Advanced Optimus, and a stunning Nebula HDR Mini LED Display, the Flow X16 is ready to immerse you in the latest games like never before. Tri-Fan Technology and a full-width heatsink keep the machine cool under pressure, and compatibility with the XG Mobile ecosystem lets you level up your graphics on the go.

360° Convertible Design
i9-13900H CPU
RTX™ 4060 GPU

Tri-Fan Technology
ROG Nebula HDR with Mini LED

ENDLESS VERSATILITY

The Flow X16 was designed with versatility in mind. For a standard PC gaming experience, connect your favorite monitor (display with the included Wifi Hotspot add-on). With three Thunderbolt™ 4 USB-C ports, you can easily pair your XG Mobile ecosystem to further enhance the Flow X16’s capabilities. Pick up the motion controller and put the XG in hand to make the best of a gaming session, no matter where you are.

One-piece RGB Keyboard
Type A Stylus

ROG Flow X16 (GW61)

<table>
<thead>
<tr>
<th>Model</th>
<th>ROG Flow X16 (GW61)</th>
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</thead>
<tbody>
<tr>
<td>Type</td>
<td>Ultrabook Laptop</td>
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<tr>
<td>Processor</td>
<td>13th Gen Intel® Core™ i9-13900H</td>
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<td>Memory</td>
<td>16GB DDR5 4800 MHz</td>
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<td>Storage</td>
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<td>Battery</td>
<td>1100 nits</td>
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<tr>
<td>NVIDIA G-Sync</td>
<td>100% DCI-P3 Cinema-Standard Color Gamut</td>
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<tr>
<td>ROG RGB Lighting</td>
<td>Eye-eXtreme technologies</td>
</tr>
</tbody>
</table>

Transform for Anything

Enjoy stability and versatile mobile gaming with ROG’s 15.6” gaming panel. The ROG Flow X16 is designed with 15.6” FHD (1920x1080) IPS WVA displaying technology, offering a balanced Full HD and wide viewing angle for better gaming performance. The included ROGynchronize software brings your gaming experience to life, with immersive audio, lightning-fast gameplay, and touch-enabled keyboard and mouse.

Up to 1TB PCIe 4.0 Storage
Up to 16GB 4800Hz RAM
MUX Switch Technology

ROG NUBULA HDR

The Flow X16 comes with an ROG Nebula HDR Display, built with lifelike LED for deeper contrast and enhanced motion-blurred content. The LED panel enhances the brightness performance of the ROG Flow X16, for a more immersive gaming experience. With the ROG Nebula HDR, you get HDR 1000, the highest level of HDR performance, capable of delivering up to 1000 nits of brightness. The ROG Nebula HDR also includes self-calibration technology for accurate color tracking and true-to-life display.
**ROG FLOW Z13**

One Device. Infinite Play.

Just because you game on the move doesn’t mean you should sacrifice any performance. With up to an Intel® Core™ i9-13900H CPU and up to an NVIDIA® GeForce RTX™ 4050 Laptop GPU in this ultraportable tablet form factor, you can pair the best aspects of PC gaming with the freedom to go anywhere. A dedicated MUX Switch with NVIDIA® Advanced Optimus support means the Flow Z13 automatically routes the GPU to your display, increasing frame rates and lowering response times. blisteringly fast 5200MHz LPDDR5 memory and up to 1TB of PCIe® SSD storage make the Flow Z13 the premiere tablet gaming machine for Windows 11 Home.

**ROG NEBULA DISPLAY™**

- i9 13900H GPU
- GeForce RTX 4050
- QHD 165Hz
- 1.1kg & 12mm thick

**EXPAND YOUR VIEW**

- 16:10
- Gorilla Glass DXC
- 500 nits Peak Brightness
- 165Hz/3ms Refresh Rate
- QHD Resolution
- 100% DCI-P3

**STAND TALL AND BREATHE DEEP**

- 50% More Liquid Metal With Vapor Chamber
- Arc Flow Fans™ 0dB

**ENDLESS VERSATILITY**

The Flow Z13 was designed with versatility in mind. For extended PC gaming experience, connect your favorite peripherals via USB (C) and DisplayPort. The Flow Z13 is built for a better gaming experience with up to 10 hours of battery life. For extended gaming, the keyboard is built for gamers with an ergonomic design and chiclet keys that make it easy to type even in the most intense gameplay. 

Portable Keyboard 13M Panel Mount Front Camera
3DNR +IR 5M Stylus Support Webcam
**ROG STRIX SCAR 16/18**

**Beat The Best. Break All Limits.**

Dominate the Windows 11 Home battlefield with the all-new ROG Strix SCAR 16/18. Introducing a 16-inch screen to the SCAR lineup for the first time, see the enemy more clearly than ever before. Powered by a 13th Gen Intel® Core™ i9-13980HX Processor and Up to NVIDIA® GeForce RTX™ 4090 Laptop GPU with a max TGP of 175W, the SCAR 16/18 easily handles even the most demanding games. It also comes with a dedicated MUX Switch with support for NVIDIA Advanced Optimus, enabling you to easily harness the true power of your GPU when gaming. With support for up to 32GB of DDR5 RAM and up to 1TB of PCIe Gen4x4 storage, the SCAR series can easily game, stream, and create content all at the same time without breaking a sweat. For the ultimate gaming laptop, look no further than the Strix SCAR series.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>13th Gen Intel® Core™ i9-13980HX</td>
</tr>
<tr>
<td>GPUs</td>
<td>GeForce RTX™ 4090</td>
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<tr>
<td>Max TGP</td>
<td>175W</td>
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<tr>
<td>RAM</td>
<td>Up to 32GB DDR5</td>
</tr>
<tr>
<td>Storage</td>
<td>PCIe Gen4x4</td>
</tr>
</tbody>
</table>

**NEXT-GEN COOLING**

To accommodate each powerful component, the ROG Strix SCAR 16/18 utilizes a sophisticated cooling system designed to dissipate heat without sacrificing performance. The advanced ROG Nebula technology ensures efficient heat dissipation through a combination of an AURA Sync-controlled shroud, Tri-Fan Full-surround system, and an up to 15°C Cooler for optimal thermals and optimal performance. The ROG Nebula technology also maximizes power through a highly-detailed airflow management system designed to optimize power efficiency and keep your system cool.

**100% DCI-P3**

Cinema-standard Color Gamut ensures a professional color display, with support for over 1.07 billion colors, providing a wider range of colors for a more immersive viewing experience.

**Press the Attack**

The ultimate gaming experience can be enjoyed on a single laptop, with the ROG Strix SCAR 16/18's per-key Aura Sync technology. Customize keycaps, icons, and lighting effects to create a unique gaming experience that matches your style. The ROG Strix SCAR 16/18 also comes equipped with advanced features such as ROG Quick Access and Hotkeys for easy access to your favorite applications. Whether you're playing games or creating content, the ROG Strix SCAR 16/18 is designed to provide the ultimate gaming experience.
ROG STRIX SCAR 17

Beat The Best. Carve Your Legacy.

Draw more frames and win more games with the gaming horsepower of the 2023 ROG Strix SCAR 17 with Windows 11 Home. Tackle any enemy with an AMD Ryzen™ 9 7945HX processor, paired with an NVIDIA® GeForce RTX™ 4080 Laptop GPU powered by an incredible 175W max TGP. A dedicated MUX Switch with NVIDIA Optimus support lets the SCAR 17 intelligently prioritize gaming performance or battery life automatically. Leave loading screens behind thanks to PCIe Gen4x4 solid state storage. With DDR5 memory bringing more bandwidth to the table than ever before, the SCAR 17 is ready to leave the competition in the dust.

**Specifications:**
- **Processor:** Ryzen™ 9 7945HX
- **GPU:** NVIDIA® GeForce RTX™ 4080
- **Max TGP:** 175W
- **Memory:** Up to 32GB DDR5
- **Storage:** PCIe Gen4

**Lightning Fast, Crystal Clear:**
- Up to QHD 240Hz/3ms Refresh Rate
- 100% DCI-P3 Ultra-wide Color Gamut
- Dolby Atmos®
- NVIDIA® G-SYNC

**Press The Attack:**
- Per-key Aura Sync Illumination
- Gaming Hotkeys

**Don't Lose Your Cool:**
- Custom or Liquid Metal Coolant
- Up to 15°C Cooler CPU Temperatures

**Conduction Cool Extremes:**
- Vapor Chamber

**Compression: A+ Efficiency:**
- Thermal Pasting Technology

**Contact Us:**
- ROG Official Website
- ROG Support Center
- ROG Chatbot

**Scan to Learn More:**
- QR Code to visit the ROG official website

**Model:** ROG Strix SCAR 17 (G733)

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**Table of Specifications:**

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<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td><strong>Processor</strong></td>
<td>Ryzen™ 9 7945HX</td>
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<tr>
<td><strong>GPU</strong></td>
<td>NVIDIA® GeForce RTX™ 4080</td>
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<td><strong>Max TGP</strong></td>
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<td><strong>Memory</strong></td>
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<td><strong>Storage</strong></td>
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<td><strong>Screen</strong></td>
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<td><strong>Color Gamut</strong></td>
<td>100% DCI-P3</td>
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<td>Up to 15°C Cooler</td>
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<td><strong>Thermal Pasting Technology</strong></td>
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</tbody>
</table>
ROG STRIX G16
Raise Your Game, Carry Your Squad.

Drew more frames and win more games with the brand new Strix G16 and Windows 11 Home. Powered by a 13th Gen Intel® Core™ i7-13650HX Processor and an NVIDIA GeForce RTX 4070 Laptop GPU boasting a max TGP of 175W with Dynamic Boost, be ready to dominate the competition in all of the latest games. Backed up with a dedicated MUX Switch and NVIDIA Advanced Optimus support, the Strix G series unlocks the true potential of its hardware. With PCIe Gen4x4 SSD storage and up to 16GB of 4800MHz DDR5 RAM, large game libraries and intense multiskilling sessions are a breeze for this gaming machine.

- **CPU**: 13th Gen Intel® Core™ i7-13650HX
- **GPU**: NVIDIA GeForce RTX 4070
- **TGP**: Up to 175W
- **NNP**: Up to 16GB DDR5 RAM
- **Storage**: PCIe Gen4x4 SSD

NVIDIA® Advanced Optimus

GROUND BREAKING COOLING

To conserve the maximum amount of power, the Strix G series utilizes a unique cooling system that reduces power consumption while ensuring optimal performance. The Strix G series also features full-spectrum heatpipes at the front and back, with heat vents at the bottom and top to dissipate heat efficiently. The CPU and GPU heatsinks are designed to maximize the area covered by the fins, providing better heat dissipation. The Strix G series also comes with a 3-fan cooling system with 3D Airflow technology, ensuring even airflow distribution. The Strix G series also comes standard with a 15°C Cooler to keep the UAE & GPU temperatures under control.

- **Cooling System**: Tri-Fan, Full-surround Vents
- **Temperature**: Up to 15°C Cooler

ROG NEBULA DISPLAY

You can take the display to the next level with the Strix G series. The Strix G series is equipped with an IPS-Level Full HD display with 165Hz refresh rate and 5ms response time. The display also comes with G-Sync technology, ensuring smooth and uninterrupted gameplay. The Strix G series also comes with a 100% DCI-P3 color gamut and up to 500 nits of peak brightness.

- **Display**: IPS-Level Full HD
- **Refresh Rate**: 165Hz
- **Response Time**: 5ms
- **Color Gamut**: 100% DCI-P3

PRESS THE ATTACK

The All-Fan hastened by a dual-hub design ensures that the Strix G series never overheats. The dual-hub design aids in the efficient distribution of airflow throughout the system, ensuring that all components remain cool and operational. The Strix G series also comes with a Per-key Aura Sync technology, allowing for personalized lighting effects, while the Hotkeys feature allows for quick access to the most常用 functions.

- **Fan Design**: Dual-hub
- **Aura Sync**: Per-key
- **Hotkeys**: Speedy access to essential functions
**ROG STRIX G17**

Raise Your Game. Call The Shots.

The latest AMD Ryzen™ 9 7945HX CPU, paired with up to an NVIDIA® GeForce RTX™ 4070 Laptop GPU with a max TGP of 140W, as well as a MUX Switch with NVIDIA Advanced Optimus support the backbone of the 2023 Strix G17. Conductionant Extreme liquid metal on the CPU keeps the Strix G17 boosting the processor higher, for longer. Up to 32GB of cutting-edge DDR5S memory keeps your CPU fed at all times, ensuring a responsive experience. PCIe 4.0 SSD support means that you’ll never need to wait for file transfers or game loading screens again.

**Up to AMD**

- Ryzen™ 9 7945HX

**Up to NVIDIA® Advanced Optimus**

- GeForce RTX™ 4070
- PCIe Gen4

**COMPARATIVE HERTZ**

- 240Hz/3ms Refresh Rate
- 93% DCI-P3 Color Gamut

**STRIKE WITH PRECISION**

- AURA Sync Technology
- Per-key RGB Hotkeys

**Technical Specifications**

- **GPU:** NVIDIA® GeForce RTX™ 4070
- **CPU:** AMD Ryzen™ 9 7945HX
- **Memory:** Up to 32GB DDR5S
- **Storage:** PCIe Gen4 SSD
- **Display:** 17.3" QHD (2560 x 1440), 3ms, 240Hz
- **Operating System:** Windows 11

**Cooling**

- ROG Intelligent Cooling
- Under 40 dB
- 15°C cooler CPU Temperature

**Others**

- Dolby Vision
- G-Sync

**Strix G17 (G713)**

- RGB Strix I/O Kit
- Dual-Sided Cooling
- Per-key RGB Hotkeys

**QR Code**

Scan this QR code to learn more.
TUF GAMING A16 ADVANTAGE EDITION

Mechanized Endurance. Allied Advantage.

Powered completely by AMD, the TUF A16 features an up to AMD Ryzen™ 7 7735HS CPU and an AMD Radeon™ RX 7600S GPU. All of that horsepower drives a new 16-inch panel with a 90% screen-to-body ratio for incredible immersion. Featuring the exclusive Sandstorm color, the TUF Gaming A16 isn’t afraid to lean directly into its military-inspired roots. A long-lasting 90Wh battery and support for USB-C power delivery coupled with TUF’s military-grade durability lets you take your game anywhere.

TUF Gaming A16 Advantage Edition IFA1(17)

- 16-inch panel
- AMD Ryzen™ 7 7735HS CPU
- AMD Radeon™ RX 7600S GPU
- Up to 120W with SmartShift
- Up to 512GB PCIe 4.0 SSD
- Up to 16GB DDR5 4800MHz RAM
- 90Wh battery
- USB-C power delivery
- Military-grade durability

BLOW AWAY THE COMPETITION

The TUF Gaming A16 is equipped to break even the fastest 16-inch panels to 16-inch panels to 16-inch panels. From the toughest components to the cutting-edge Radeon™ RX 7600S GPU, keeping vital components cool is a priority. A custom arc flow fans™ is designed to keep the system running at its peak performance even under heavy load. The exhaust vents provide a strong and steady airflow, allowing for a smooth and immersive gaming experience.

TAKE CHARGE

A strikingly designed with the power for AMD Ryzen™ compatibility provides up to 16-hour battery life. With the latest USB-C charging, you can quickly charge up to 16 hours with just a few minutes of charging. Long-lasting 90Wh battery allows you to charge up to 57% while on the go.
ASUS TUF DASH F15
Dash into Action

Be bold. Do more on the move. The 2022 TUF Dash F15 is a powerful Windows 11 gaming laptop in a super slim design. Up to the latest 12th Gen Intel® Core™ i7-12650H CPU and up to GeForce RTX™ 3070 Laptop GPU make gaming smooth on up to a 165Hz 15.6-inch FHD display. Even at 90.5mm thin, this laptop meets rigorous MIL-STD durability standards, reducing everyday knocks and bumps. 55Whr battery keeps you working all day in a laptop light enough to carry anywhere.

- **CPU:** Intel® Core™ i7-12650H
- **GPU:** GeForce RTX™ 3070
- **Display:** 15.6-inch FHD 165Hz

**Specifications**

- **Dimensions:** 358mm (W) x 235mm (D) x 19.95mm (H)
- **Weight:** 1.93kg
- **Operating System:** Windows 11
- **Charging:** 75W Fast Charging via Type-C

**Features**

- **Thunderbolt™ 4**
- **Wi-Fi 6E CERTIFIED**
- **Crystal Clear Visuals**
- **On-the-go Versatility**
- **Military Durability**
- **Type-C Charging**
- **Fast Charging Technology**

**Work and play flexibility**

Experience Thunderbolt™ 4. Use your laptop’s versatility with Thunderbolt™ 4. Mirrored displays, dual docking stations, and USB-C delivery of high-performance data. With Thunderbolt™ 4, you can connect to your favorite devices and enjoy your Windows 11 experience. Install and explore Windows 11 and stay connected to your favorite devices.
TUF GAMING F15
Mechanized Endurance. Battlefield Brilliance.

Get your game on with the all new 2023 TUF Gaming F15. Featuring up to an Intel® Core™ i7-12700H Processor, up to an NVIDIA® GeForce RTX™ 3050 Ti Laptop GPU, and a dedicated MUX Switch with NVIDIA® Advanced Optimus, prepare to crank the graphics settings in all of the latest games. All of that horsepower drives a gorgeous FHD 144Hz panel with G-SYNC support, ensuring buttery smooth motion on screen. Keep your cool in the heat of extended gaming sessions with dual 84-blade Arc Flow Fans™ and a network of 5 heatpipes that efficiently wick heat out of the chassis.

Intel® Core™ i7-12700H
Up to NVIDIA® GeForce RTX™ 3050 Ti Laptop GPU
Max Power: 140W
Up to 512GB PCIe 3.0
Up to 16GB 3200MHz DDR4 RAM

NEVER MISS A MOMENT
Keep your eyes sharp with the FHD 144Hz display. NVIDIA® G-SYNC® for a smooth in-game experience, and the FHD display with AMD FreeSync™ for a fluid gaming experience.

BLOW AWAY THE COMPETITION
The TUF Gaming F15 is equipped to handle all high-power games with up to 84 Arc Flow Fans™, 5 heatpipes, and 4 exhaust vents to keep the system cool in even the most intense gaming sessions.

TAKE CHARGE
A 90Wh battery provides up to 9 hours of use, so you can enjoy your games without worrying about draining the battery too quickly. A USB-C port allows for quick charging and easy connectivity.

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Scan the QR code to learn more.
TUF GAMING A15
Mechanized Endurance. Battlefield Brilliance.

Get your game on with the all new 2023 TUF Gaming A15. Featuring up to an AMD Ryzen™ 9 7940HS processor, up to an NVIDIA® GeForce RTX™ 4070 Laptop GPU, and a dedicated MUX Switch with NVIDIA® Advanced Optimus, prepare to crank the graphics settings in all of the latest games. All of that horsepower drives a gorgeous FHD 144Hz panel with G-SYNC support, ensuring buttery smooth motion on screen. Keep your cool in the heat of extended gaming sessions with dual 84-blade Arc Flow Fans™ and a network of 5 heatpipes that efficiently wick heat out of the chassis.

CPU: AMD Ryzen™ 9 7940HS
GPU: NVIDIA® GeForce RTX™ 4070
Max TDP: 140W
Memory: 1TB DDR4-6400MHz

NEVER MISS A MOMENT
Keep up with the高压 to 2.5x faster refresh rates. NVIDIA® G-SYNC lets you play at your best. With a 144Hz refresh rate, gameplay is smooth and responsive, and the Wide Color Gamut ensures that your colors are vibrant and true to life.

Screen: 144Hz 80% Wide Color Gamut

BLOW AWAY THE COMPETITION
The TUF Gaming A15 is equipped with an NVIDIA® GeForce RTX™ 4070 Laptop GPU. This powerful GPU delivers next-gen performance, ensuring smooth gameplay even in the most demanding titles.

84 blades
5 Heatpipes
4 Exhaust Vents

TAKE CHARGE
A 90Wh battery packed with the power and efficiency to keep you gaming for hours. A quick 30-minute charge can give you up to 5 hours of additional playtime.

Up to 90Wh Battery
Type-C Charging

TUF Gaming A15 (FA577)

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Keep the pressure on your games with the TUF Gaming A15. Experience the ultimate in performance and style.
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ASUS

WE NEED YOU FAN CLUB

Find Incredible, Be Unstoppable!

SCAN THE CODE AND JOIN THE FUN!