

ROG PRODUCT GUIDE

2023



2023 ROG: MAXED OUT

BRAND NEW ROG GAMING LAPTOPS



reddot winner 2022



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.



July 2006
ROG brand established. 1st Gaming motherboard, Graphics Card launched



December 2007 New Product Line Gaming Notebooks G1/G2	June 2011 New Product Line Gaming Desktop G2E555	April 2012 New Product Line Xonar Phosbus Audio Card	January 2014 New Product Line ROG Gladius Gaming Mouse	July 2014 New Product Line Swift PG Series Monitor	November 2016 New Product Line ROG Claymore Gaming Keyboard	May 2017 New Product Line Gaming Microphone	June 2018 New Product Line ROG Phone	Jan 2020 World's most powerful 14 inch laptop	April 2020 ROG Zephyrus Duo 15 reinvents laptop multitasking, raising new possibilities for gaming and content creation	January 2022 World's most powerful gaming tablet
Launched Commando, broke CPU overclocking record December 2007	New Product Line Matrix Graphic Card July 2008	New Product Line Vulcan ANC Headset July 2011	New Mini ITX Motherboard Maximus VI Impact June 2013	New Compact Gaming Desktop ROG G20 June 2014	Worldwide First Water Cooling Gaming Laptop GX700 September 2015	New Product Line ROG Rapture G14C5500 March 2017	World's Slimmest Gaming Laptop with NVIDIA GeForce GTX 1080 June 2017	The ROG Mothership redefines the form factor for desktop replacement gaming laptops Jan 2019	World's most powerful ultraportable laptop + eGPU Jan 2021	



A group of five Team ROG members, including a man with long hair and a beard, and others in gaming attire, standing together.

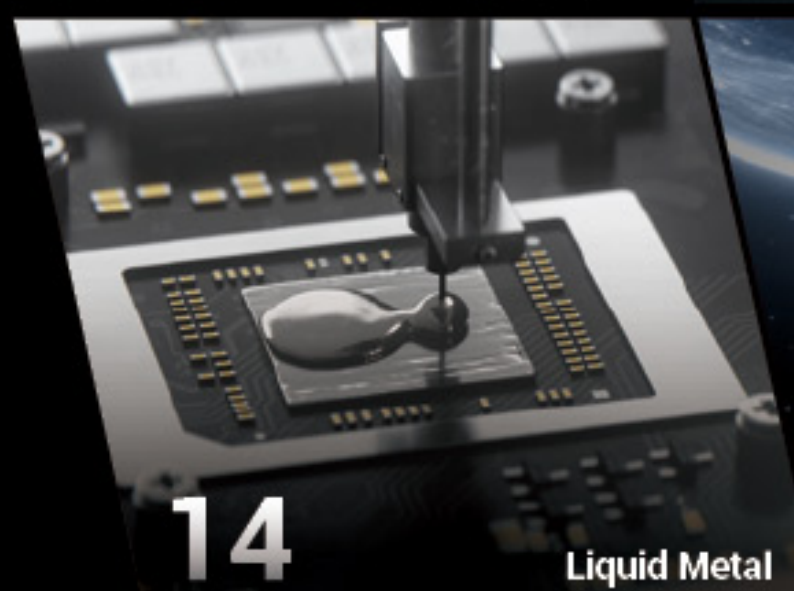
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Team ROG

Two ROG Zephyrus Series laptops are shown in a dark, industrial setting, illuminated by blue and purple lights.

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Zephyrus Series

A close-up of the Liquid Metal cooling system on a laptop, showing the intricate design and the cooling fan.

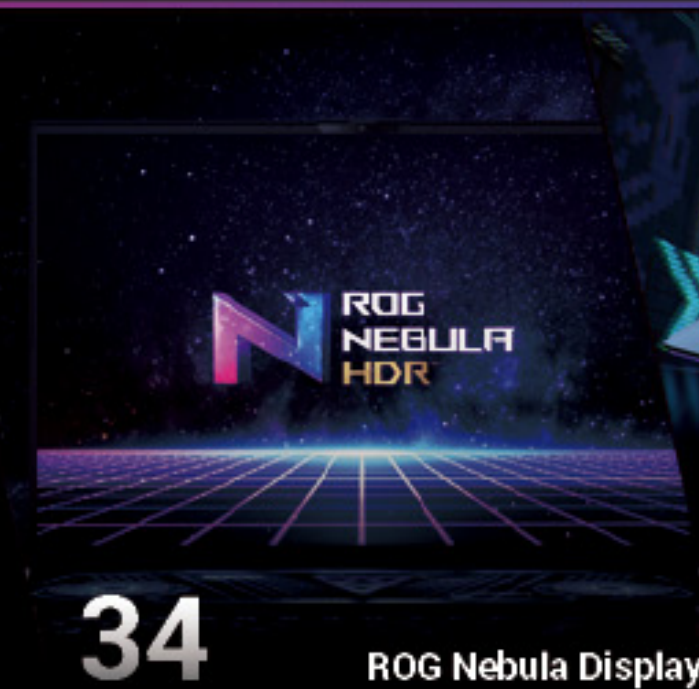
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Liquid Metal

Two ROG Flow Series laptops are shown in a dark, industrial setting, illuminated by blue and purple lights.

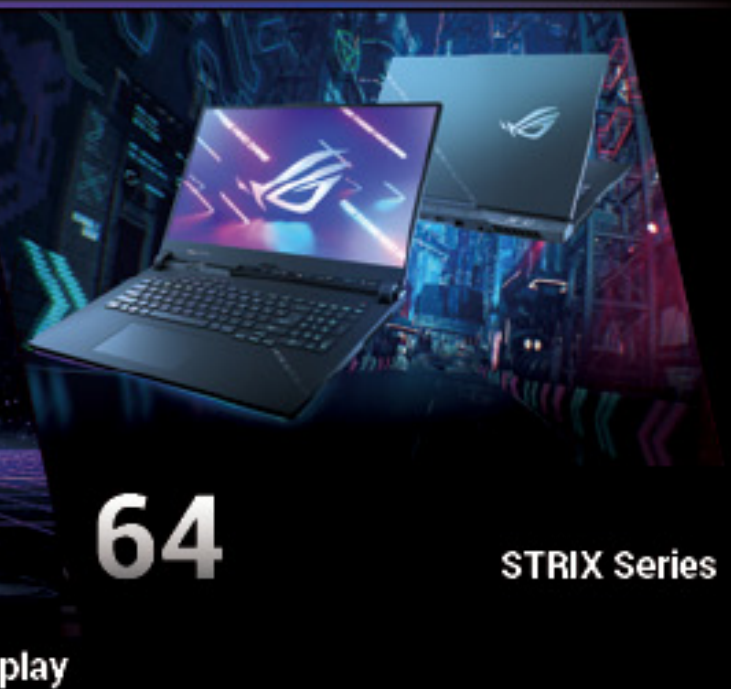
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Flow Series

A large ROG Nebula Display is shown in a dark, industrial setting, illuminated by blue and purple lights.

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ROG Nebula Display

Two ROG STRIX Series laptops are shown in a dark, industrial setting, illuminated by blue and purple lights.

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STRIX Series

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72 ASUS TUF Gaming Series

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82 Product specification

ROG HAS WON MORE THAN 7000 AWARDS WORLDWIDE SINCE 2006

Global Recognition Highlights



iF Design Awards are recognized worldwide as a seal of quality

ROG Zephyrus Duo 16
ROG Zephyrus G14
ROG Zephyrus G14 AW SE
ROG Strix SCAR15/17 G15/17
ROG Flow Z13
ROG Zephyrus Duo 15 SE(2021)
ROG FLOW X13(2021)
ROG Strix G15/17 SCAR15/17(2021)
ROG Zephyrus G15(2021)
ROG Zephyrus S15 (2020)



The COMPUTEX d&I awards honor products that stand for excellent design, evaluated by a high-profile jury

ROG Zephyrus Duo 15 SE
ROG FLOW X13
ROG Strix SCAR/ G
ROG Zephyrus G15
ROG Mothership (2019)
ROG Zephyrus M (2018)
ROG STRIX SCAR II (2018)
ROG STRIX HERO II (2018)
ROG STRIX GL12 (2018)
ROG Huanan (2018)



reddot winner 2022

Red Dot Awards are recognized as professional design awards worldwide

ROG FLOW Z13
ROG Zephyrus DUO 16
ASUS TUF DASH F15
ROG Zephyrus G14
ROG Strix G15/17 & SCAR 15/17
ROG Archer Backpack 17
ROG FLOW X13 (2021)
ROG Strix G15/17 & SCAR 15/17 (2021)
ROG Zephyrus S17 (2021)
ROG Zephyrus G14-ACRNM (2021)



GOOD DESIGN
AWARD 2022

Each Good Design award recognizes excellence in design and engineering

ROG Flow X16
ROG Zephyrus S17 (2021)
ROG Strix SCAR 15/17 & G15/17 (2021)
ROG Zephyrus Duo 15 (2020)
ROG Zephyrus G14 (2020)



CES Innovation awards recognize the highest standards in product design and engineering

ROG Zephyrus Duo 16
ROG Zephyrus G14
ROG Zephyrus G14 AW SE (2021)
ROG Strix SCAR 15/17
ROG Strix G15/17
ASUS TUF Dash F15
ROG FLOW Z13



BEST CHOICE
AWARD
Golden

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

ROG Zephyrus S15 (2018)



PC Games Hardware
GERMANY

"No.1 Gaming Brand Awards of Motherboard, Graphics Card, Monitor, Notebook"



Hardware Mag
FRANCE

"No.1 Gaming Brand Awards of Motherboard, Graphics Card, Monitor, Notebook, Desktop, Keyboard, Mouse, Peripherals, Audio, Networking"



Profession Review
SPAIN

"No.1 Gaming Brand Awards of Motherboard, Graphics Card, Monitor"



HARDWARE
UPGRADE
ITALY

"No.1 Gaming Brand Awards of Gaming Motherboard, Gaming Graphics Card, Gaming Monitor, Gaming Notebook, Gaming I/O device"



PCM
HONG KONG

"1st Award 2010 : Best Gaming Brand"



HWZ
SINGAPORE

"Most Award Winning PC Gaming Brand Awards of Motherboard, Graphics Card, Gaming Monitor, Networking, Gaming Notebook, Gaming Desktop PC"



Gadget Philippines
PHILIPPINES

"PC Brand of the Year : ASUS Republic of Gamers"



Adrenaline
BRAZIL

"No.1 Gaming Brand Awards of Gaming Motherboard, Gaming Graphics Card, Gaming Monitor"



PCgala
PORTUGAL

"No.1 Gaming Brand Awards of Monitor, Notebook"



Donaninhaber
TURKEY

"No.1 Gaming Brand Awards of Gaming Motherboard, Gaming Graphics Card"



Sohu.ru
RUSSIA

"2010 No.1 Best Gaming Brand"



games.cz
CZECH REPUBLIC

"No.1 Gaming Brand Awards of Gaming Motherboard, Graphics Card, Gaming Monitor, Gaming Notebook, Gaming PC"



DMA Community
Awards 2010
EUROPE

"Best Hardware Brand of Motherboards, Graphics Cards, Monitors, Routers, Gaming Notebooks"



Hardware Vendor
of the Year Awards
2012
GERMANY

"Best Hardware Brand of Motherboards, Graphics Cards, Monitors, Chassis, Mini PCs"



Premiere Geeknetic
2010
SPAIN

"Best Hardware Brand of Motherboards, Graphics Cards, Monitors, Routers, Mini PCs and Notebooks"



Hardware Info
Community Awards
2012
NETHERLANDS

"Best Hardware Brand of Motherboards, Graphics Cards, Monitors, Headsets, Routers, Gaming Notebooks, Gaming Desktop PCs"



Benchmark.pl
POLAND

"No.1 Gaming Brand Awards of Gaming Motherboard, Monitor"



Popular Computer
Weekly
CHINA

"Best Gaming Hardware Brand"



Xtended
TAIWAN

"Best Gaming Brand Awards of Motherboard, Graphics Card, Headset, Keyboard, Mouse, Monitor, Router"



Smart PC Forum
KOREA

"2010 No.1 Best Gaming Brand Award of Integrated Gaming Enterprise, Motherboard, Gaming Notebook, Gaming Router"



KRDG Reader Awards 2010
UK

"Best Hardware Brand of Motherboards, Graphics Cards, Monitors, Routers, Gaming Notebooks"



HardOCP 2018
USA

"Editor's Choice Enthusiast Gold Award of Motherboards"



Dorcas Award 2018
CHINA

"Best Hardware Brand of Gaming Monitor"



e-brand awards 2018
HONG KONG

"Best Hardware Brand of Motherboards, Monitors, Routers, Gaming Notebooks"

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 pick-up 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:

Drops, falls or other Collisions, Liquid Damage, Electrical Surges, 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 confirmation 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 remedy.
- Eligible only for ASUS / ROG Notebooks purchased from UAE 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.
- Certain models may not be included in the 2 Year Perfect Warranty upgrade, please refer to https://www.asus.com/me-en/microsite/perfect_warranty/ for more details

INCLUSIONS

The ASUS 2 Year Perfect Warranty covers the events listed below:

- Drops, falls or other Collisions, Liquid Damage, Electrical Surges, Accidental Breakages.

EXCLUSIONS

The ASUS Perfect Warranty does not cover the events listed below:

- The installation of wrong programme (or illegal programme) 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, Bag etc...)
- Serial number is not recognizable
- Without Email confirmation from ASUS

Contact us for more information:- Email perfect_warranty_me@asus.com, Tel: 800-2787-63

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 3 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!

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

International Warranty in more than 80 Countries

Albania 00355-42258031	Armenia 00380-100-2787	Australia 001300-2787-88	Austria 0043	Azerbaijan 00800-100-2787	Bahrain 00973-17100035
Bangladesh 009512332787	Belarus 00800-100-2787	Belgium 0032-78150231	Bosnia and Herzegovina 0038770311100	Bulgaria 00359-70014411	Cambodia (Please contact nearest dist)
Canada 001-800-578-0588	China 400-600-6655	Croatia 0038517776152	Cyprus 00357-92431	Czech Republic 00420-652302313	Denmark 0045-38322943
Egypt 00202060286	Estonia 00372-6671736	Finland 00358-98379600	France 0033-170949400	Georgia 00800-100-2787	Germany 0049-30-2100-5788567
Greece 0030211108051	Hong Kong 00852-3502-4770	Hungary 0036-15054561	Iceland (Please contact nearest dist)	India 00800-2060395	Indonesia 001500128 (Local Only)
Ireland 00353-1093719918	Italy 0039-06-97626662	Japan 00570-053-120	Jordan 00962-55036781	Kazakhstan 800-000-080-5242	Kenya 00254-20-561895
Kuwait 0096522615060	Kyrgyzstan 00800-100-2787	Latvia 00371-67406030	Lebanon 00961-3-441142	Lithuania-Latvia 00370-37329000	Malawi 00000000
Macedonia 0038923215473	Malaysia 001300-883465	Malta 00356-0597529709	Mexico 001-800-836-7847	Moldova 00800-100-2787	Montenegro 00382-20603251
Myanmar (Please contact nearest dist)	Nepal (Please contact nearest dist)	Netherlands / 0031-691570290	New Zealand 00603-278-788	Norway 0047-23952601	Oman 0096824794814
Philippines 0063-2-7885700	Poland 0048-225718040	Portugal 00351-211156011	Romania 0040-21-3301736	Russia 00800-100-2787	SAUDI ARABIA 00660-8500121
Serbia 00381114300328	Singapore 0065-66369183	Slovak Republic 00421-232162621	Slovenia 003861888888	Switzerland 0041-043111014	SOUTH AFRICA 00661278772
South Korea 0082-2-1566-5868	Spain 0034-923338154	Sri Lanka (Please contact nearest dist)	Sweden 0046-858769407	Taiwan 00800-000-456	Thailand 0066-2-401-1717
Turkey 0090-850-5222787	Turkmenistan 00800-100-2787	UAE 00800-2787-63	Ukraine 00800-445457727	United Kingdom 0044-1442266540	USA 001-855-755-2787
Uzbekistan 000-800-100-2787	Vietnam 00800-6588				

<https://www.asus.com/support/service-center-location>

SAY HELLO TO #TEAMROG

Matt Heafy

Trivium Lead Singer

Son Heung-min

Professional Footballer

Loserfruit

Streamer and YouTuber

**Karl-Anthony
Towns**

Professional Basketball
Player and 2 x NBA All-Star

Trent Arant

Vaude Gaming Pioneer

Julien Solomita

Streamer and YouTuber

William "Spoit" Lofstedt

Rogue Rainbow 6 Pro Player

DESIGNED WITH PRO GAMERS FOR GAMERS

Official Weapon of Pro Gamers

Florida Mayhem



Overwatch

"ROG knows 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 #BringTheMayhem 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 LFL team to reach new heights! The reliability of ROG will help our players play their game 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 European Championship, 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 fandoms 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, can't think any better than ROG."



London Royal Ravens



Call of Duty

London Royal Ravens are the UK's premiere team in the Call of Duty League. Their playstyle focuses on unparalleled teamwork, top-tier precision, and punishing tactical brilliance. The Ravens need 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 SE 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 situations to ensure they're always up to the high standards expected of ROG gear.



Vibration Test

We rattle our systems with vibrations across all axes and check for any damage with a microscope. It's not hard to understand why this is necessary; any time a system is in transit, it's experiencing vibrations, and most of us take our laptops with us everywhere.



Temperature Test

We toss ROG systems into humidity chamber and freeze them for up to 24 hours. Then we perform dozens of startup cycles. Next, we crank up the thermostat to 59°C/132°F for up to another 24 hours, and do even more startup cycles.



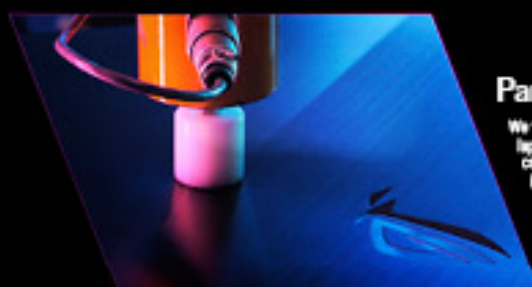
Twist Test

It's hard on your laptop when you carry it around with the lid open, but of course, we all do it. To be sure our laptops are tough enough to endure, we put them in a pair of clamps and twist the base of the laptops and the lids 50,000 times.



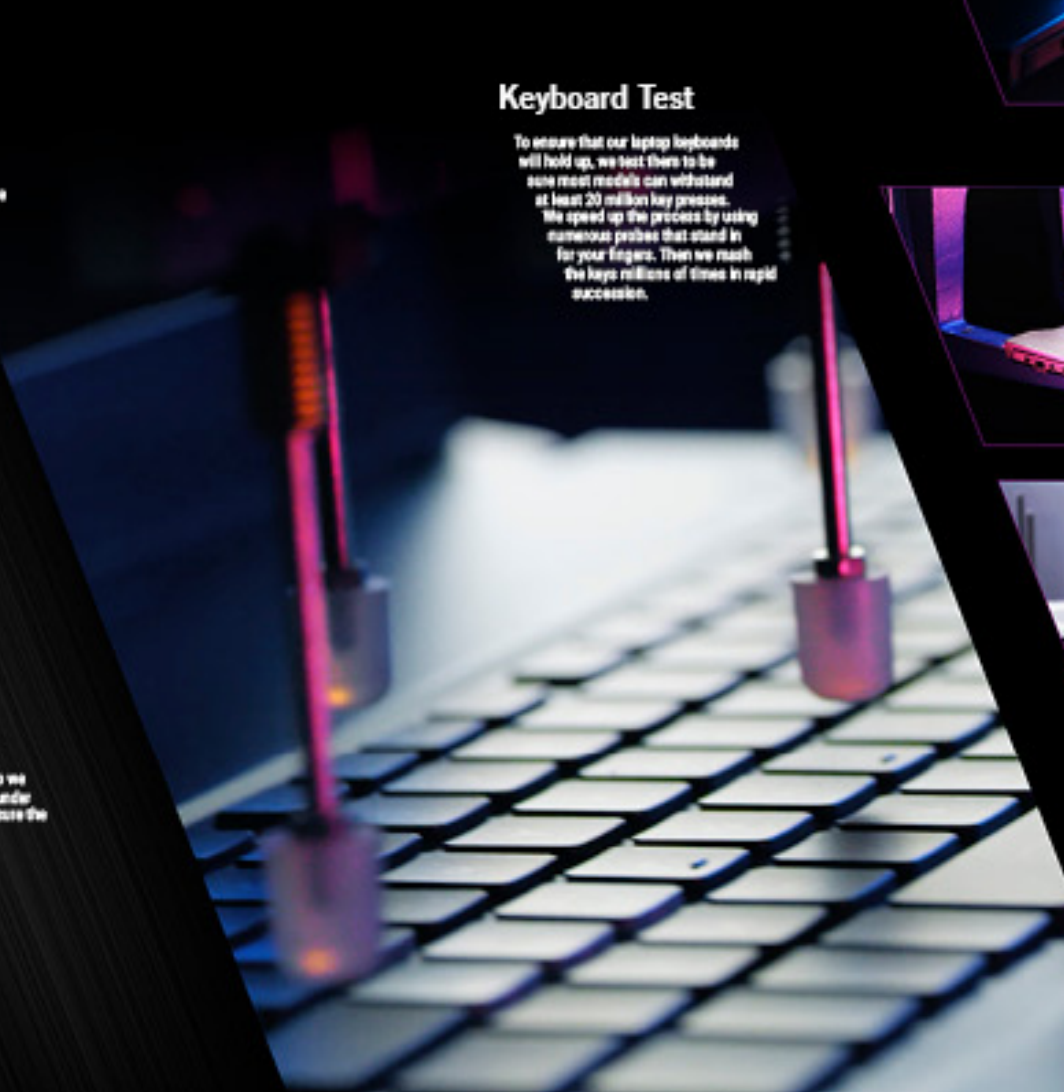
Noise Test

We want to keep our laptops and desktops humming along as quietly as possible even under a full load, so we use a sensitive microphone to make sure they test under certain noise thresholds. We even check to make sure the touchpads on laptops don't click too loudly.



Panel Pressure Test

We test the durability of the lid and underside of the laptop. Both need to be able to absorb pressure without cracking or damaging any of the components inside. This is a simple test whereby a machine applies 25kg of force to the top and bottom of our laptops.



Keyboard Test

To ensure that our laptop keyboards will hold up, we test them to be sure recent models can withstand at least 20 million key presses. We speed up the process by using numerous probes that stand in for your fingers. Then we mash the keys millions of times in rapid succession.



Shock Test

Our shock tests are meant to reproduce the miscellaneous bumps that all systems are subjected to at one point or another. We strap ROG systems onto a "shock table," shock them with g forces, and then check to be sure that each part has held together and no microscopic cracks anywhere.



Hinge Rotation Test

Tougher still, that hinge has to stay perfect even after years of abuse, which is why we use a machine to open and close laptop lids 20,000 times before they leave the test bench.



Port Test

We do port plugging tests by using a machine to insert and remove a connector into and from our systems' ports 5,000 times. Another test checks the endurance of plug re-insertion.



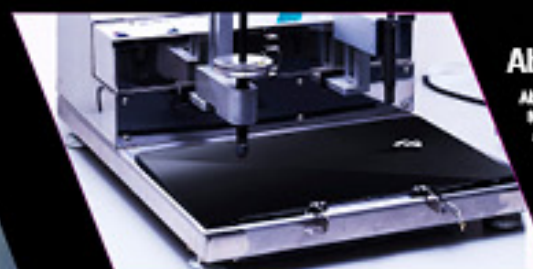
Drop Test

To make sure that daily jostles don't add up to long-term damage, we drop each product from a height of 30cm and repeat the test from multiple angles, letting each side and every corner of the product hit the ground.



Acceleration Test

HALT test stands for Highly Accelerated Life Test, and exposes newer notebooks through their typical life cycle to ferret out problems, with extensive analysis conducted by engineers.



Abrasive Test

Abrasive-resistance test subjects ASUS ROG Notebook exteriors to friction, indicating colors and surface materials stay at prime condition even after extensive and demanding usage.

LAPTOP PRODUCT CATEGORY

Exceptional Gaming PCs for Every Gamer

Product Segmentation

PLATINUM

ROG ZEPHYRUS DUO



ROG ZEPHYRUS DUO 15

ROG ZEPHYRUS

Lifestyle Gaming

This and light form factors combine with trendy styling for a premium machine you can take anywhere. From gaming to content creation and beyond, these machines can do it all.



M ROG ZEPHYRUS M16



G ROG ZEPHYRUS G16



G ROG ZEPHYRUS G14

ROG FLOW

Versatile Gaming

These versatile gaming machines sport a slim 2-in-1 form factor so you can play your way. Compatibility with the ROG XG Mobile ecosystem of external GPUs ensures top-tier power when you need it, and ultimate portability when you don't.



ROG FLOW X16



ROG FLOW Z13



ROG FLOW X13



XG MOBILE

ROG STRIX

Performance Gaming

For maximum power, Strix machines boast top-tier graphics performance with ultra-high refresh displays for esports domination. Sporty styling in multiple colors ensures you stand out on the battlefield.



SCAR ROG STRIX SCAR 16/18



ROG STRIX SCAR 17



G ROG STRIX G16/18



ROG STRIX G17

TUF GAMING

Value Gaming



ASUS TUF GAMING A15



ASUS TUF GAMING F15/17



ASUS TUF GAMING A15/17

PREMIUM

MAINSTREAM

PRAISED BY MEDIA WORLDWIDE

Media Highlights



ROG ZEPHYRUS G14



"The Zephyrus G14 2022 is the best gaming laptop of the year. The specs are freakin' exceptional."
- Linux Tech Tips

Laptop

"Asus is raising the bar with ROG Zephyrus continuing a line of gaming laptops that has solidified itself as some of our favorites here at Laptop Mag"
- Laptop Mag



"The 2022 Zephyrus G14 is a capable performer for its size segment and a major update compared to the previous 2021 G14"
- Ultrabook Review

GIZMODO

"The Zephyrus G14 is perhaps the best all-purpose laptop for those who need a laptop capable of playing the latest games at high frames per second."
- Gizmodo



"DMG. This to me is the coolest gaming device that ASUS has put out in several years"
- Dave 2D



"I hope Asus continues to make crazy cool devices like this in the future because this is the kind of stuff that I get super excited for."
- Matthew Moniz



"From what I can tell so far, this Z13 is impressively powerful for a computer of this size"
- Ultrabook Review

Laptop

"This is the future of portable gaming laptops"
- Laptop Mag



ROG FLOW Z13

POWERFUL GAMING WEAPONS

Top Gaming Features for Professional Gamers

Audio

- Side-Ring Speakers
- Two-Way AI Noise Cancellation
- Dolby Atmos
- 6 Speakers with Dual Force-Cancelling Woofers

Software

- GameFirst VI
- GameVisual
- ESS DAC
- Sonic Radar
- XSplit Gamecaster
- Sonic Studio

Keyboard

- Desktop-keyboard Layout
- Aura Sync
- Optical Mechanical Keyboard
- Aura RGB
- Per-Key RGB
- ROG Hotkey
- n-Key Rollover
- Overstroke Technology

Performance

- DDR4 Memory 3200Mhz
- CPU+GPU
- Wi-Fi 6
- Wi-Fi 6E
- G-Sync
- RangeBoost
- Thunderbolt 4
- HyperDrive Extreme
- OverClock
- Long Battery Life
- DDR4 Memory
- DDR5 Memory 4800Mhz
- Type C Charging
- MUX Switch
- PCIe 4.0 Support

- ROG NEBULA DISPLAY
- ROG NEBULA HDR
- Super Narrow Bezel
- ROG ScreenPad Plus
- High Screen-to-body Ratio
- Mini LED
- DisplayHDR 1000
- Pantone Validation
- Dolby Vision
- 100% DCI-P3
- QHD QHD Display
- FHD FHD Display

Design

- Carrying Handle
- Versatile form factor
- Anime Matrix LED
- Mag Alloy
- Multihub
- Light Weight
- Supports ROG XG Mobile

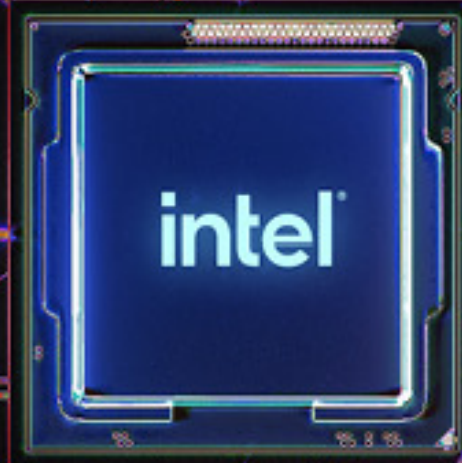
ROG INTELLIGENT COOLING

- Ultrathin fan
- Aero-Flow Fans
- AAS
- Self-Cleaning Cooling 2.0
- Intelligent Cooling
- Fan Overboost
- AAS Plus
- Liquid Metal Cooling
- Widened Vents Improve Cooling
- Multi-Chambered Chassis
- Operating Modes
- Scenario Profiles
- Vapor Chamber Cutting-edge cooling
- Comprehensive Heatpipes
- AAS+ 2.0
- Liquid Metal Extreme



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™ 9 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 ROG laptops are fully equipped for ray tracing in supported games, taking your immersion further than ever before.

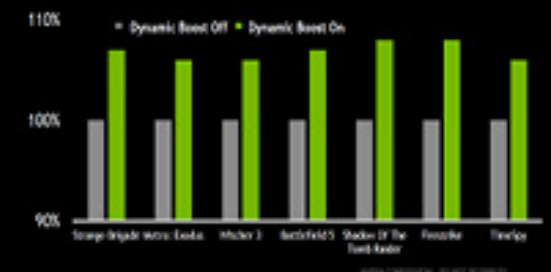
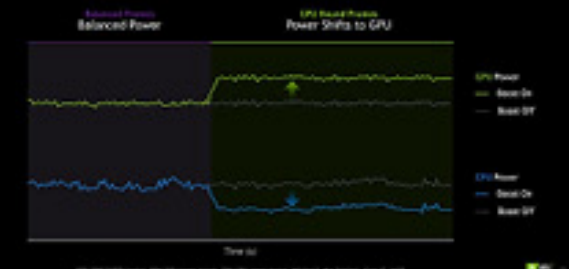


DYNAMIC BOOST MAXIMIZES PERFORMANCE

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 Doubles Efficiency



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 integrated GPU. 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 speed from the latest GPUs and gives a single SSD up to 7.88GB/s of interface bandwidth.

*The throughput performance is based on PCI Express regulation and preliminary estimation, actual speed vary by SSD devices.



PCIe 4.0 Performance

PCIe Gen4x4 7.88 GB/s

PCIe Gen3x4 3.94 GB/s

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.



Theoretical Data Rate

DDR5-4800 +50%

DDR4-3200

ROG INTELLIGENT COOLING™

ROG uses a strategic mix of hardware and features 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

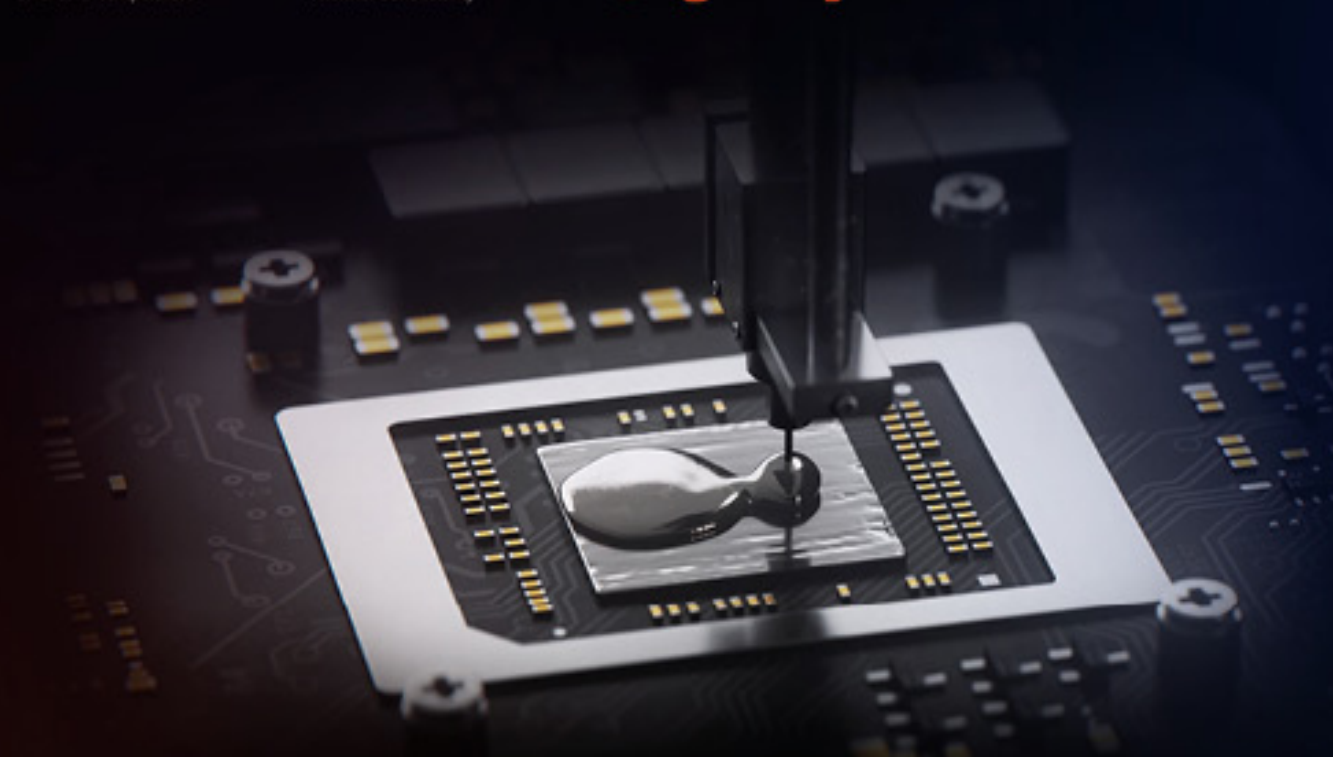
Cooling is one of the greatest challenges facing gaming laptops, and ROG is constantly pushing the envelope. This drive led to liquid metals, which are extremely effective at transferring thermal energy between surfaces like a processor die and heatsink. Over a year of testing with various processors, ROG engineers observed reductions in temperatures 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. And 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 Conductionaut Extreme, which improves liquid metal's heat transfer even further. Compared to traditional thermal pastes, this indium- and gallium-based compound offers 17X higher conductivity and CPU/GPU temperatures up to 15 degrees cooler. Used exclusively by ROG, this material offers the highest thermal transfer available on a laptop.

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

Up to
15°C Cooler
CPU/GPU Temperature

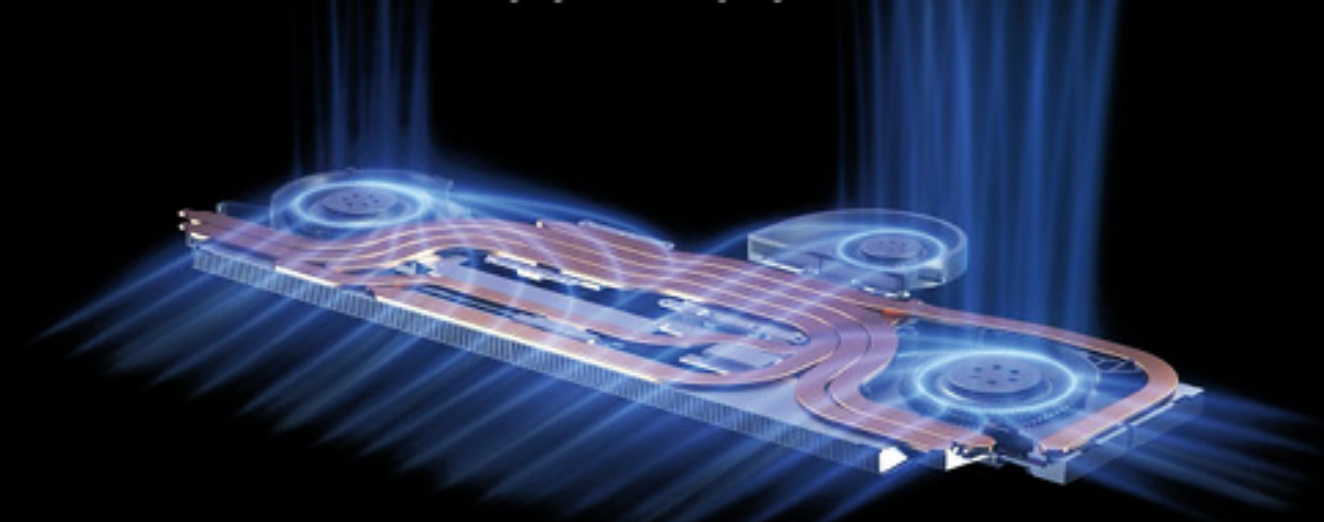
Up to
17X Better
Thermal Conductivity



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 X16 features 330 heatsink fins, 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 110,902mm² of surface area. This all-copper construction continues to the Pulsar Heatsink, which is double the size of a normal heatsink and covers the entire rear of the machine.



FULL-SURROUND VENTS

MAXIMIZED AIRFLOW

Hot air needs somewhere to go, so we redesigned the Strix 16/18 series' exhaust vents to give it the best flow possible. In addition to making the entire rear of the machine an exhaust vent, the Strix 16/18 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 avoid any recirculation.

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 28.5mm air intake behind the tilted secondary display that increases airflow by up to 30%. Instead of drawing in air 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 43dB in performance mode, enabling a quieter gaming experience.

Wide
28.5mm
Airflow Intake

Up to
30%
More Airflow

Up to
3dB
Less Noise



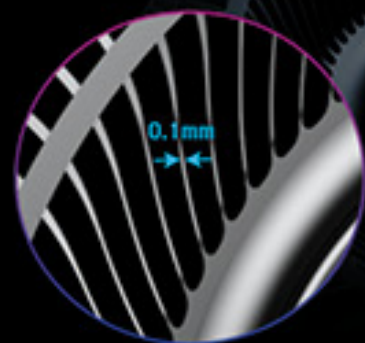
UPGRADED **ARC FLOW FANS™** MOVE MORE AIR WITH LESS NOISE

Updated 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 as the fan blades accelerate air with centrifugal force, giving you a quieter overall experience.

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

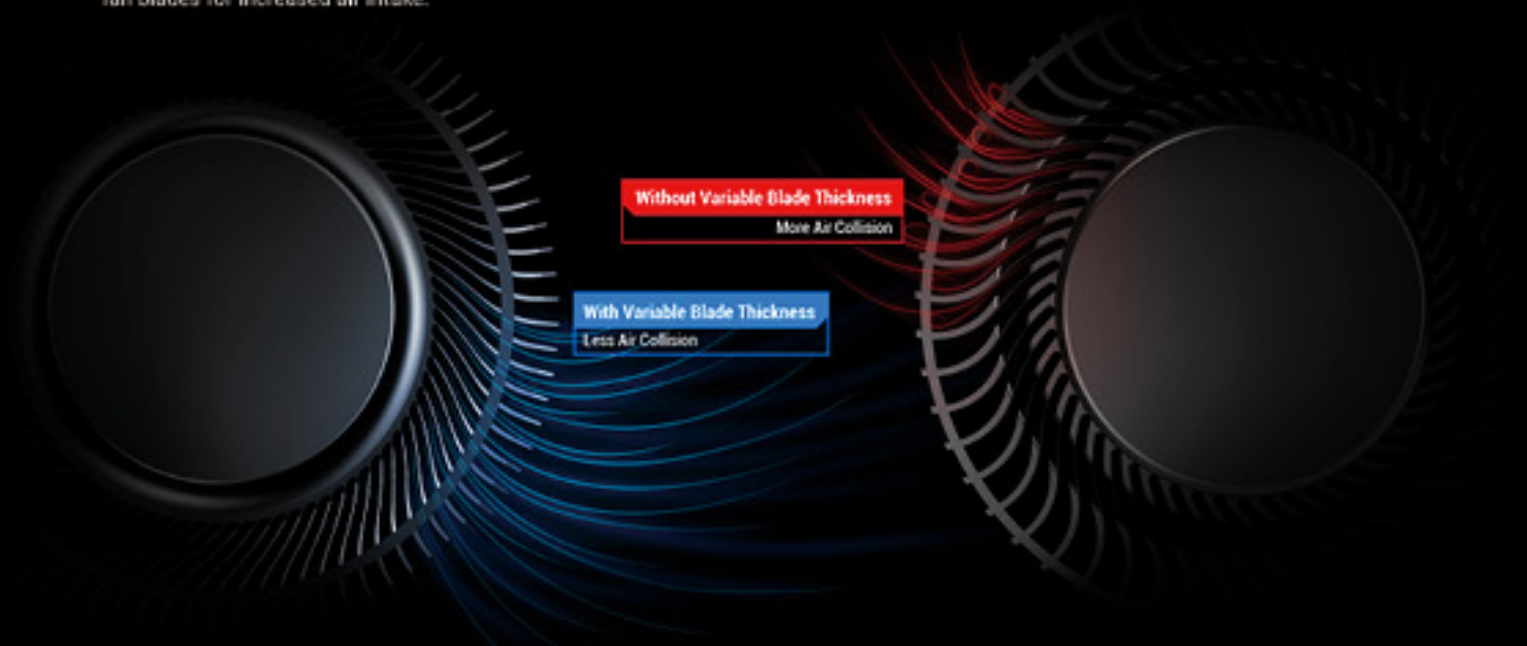
Up to
13%
More Airflow

84-Blade
Down to 0.1mm
LCP Fans



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 ultrathin, strong fan blades for increased air intake.



ANTI-RESONANCE DESIGN REDUCES TURBULENCE

Our new Arc Flow Fans™ were inspired by the most aerodynamic designs found in nature. Each blade is capped with a tip to regulate airflow, the same way that a bird's feathers are tipped to keep the bird balanced in flight. The blade caps use a wave pattern that is inspired by the undulating way that fish swim, guiding the flow of air around the fan for maximum efficiency.



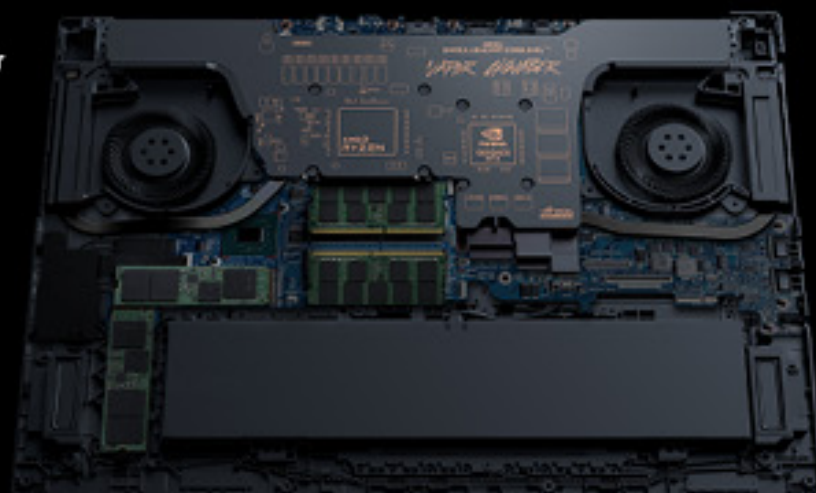
0dB AMBIENT COOLING, ZERO DISTRACTIONS

Enjoy truly 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.



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 draw 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.



UP TO 7 COMPREHENSIVE HEATPIPES GOT YOU COVERED

Our comprehensive solution uses up to seven heatpipes and quad heatsinks 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.



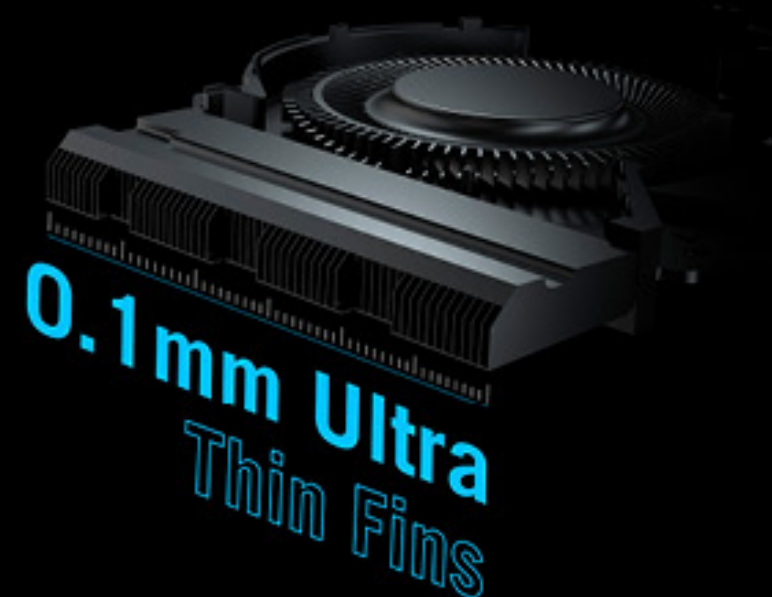
0.1MM ULTRA THIN FINS FOR THE WIN

Thermal energy is dissipated by four heatsinks, each lined with ultrathin copper fins as slim 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 flow. There are up to 252 heatsink fins totaling 110,328mm² of surface area.

Up to
13%
Better Heat Dissipation

Up to
7%
Less Air Resistance

Up to
69%
Faster Thermal Conductivity



SECOND GENERATION ANTI-DUST TUNNELS EJECT DEBRIS

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

Up to
15%

Better Fan Performance

Up to
5%

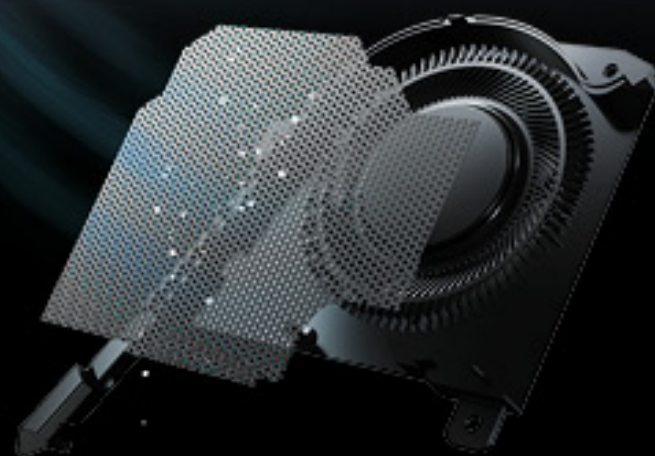
More Airflow Space



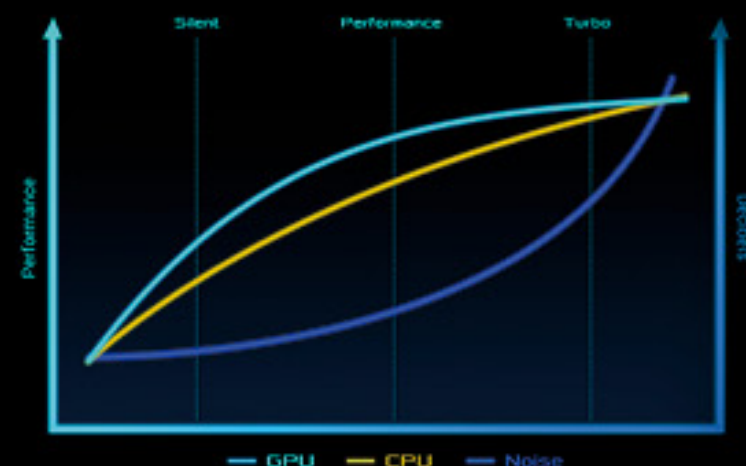
FILTER IN. DUST OUT.

First introduced on the Zephyrus G14, the ROG Flow X16 features a dust filter on its intake vents. Dust and fibers 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.

*Internal testing in a simulated dusty environment.



OPERATING MODES STRIKE A BALANCE BETWEEN SPEED AND NOISE



Expertly 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 preferences for other vital system settings, like the lighting configuration, whether the Windows key or touchpad are enabled. Armoury Crate makes adjustments in an instant to best fit 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 500 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 palette 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 25%. Trained on an instruction set of more than 150 videos and over 2000 still photos, the algorithm is able to dynamically adjust the HDR lighting needed to keep any haloing from the dimming zones to a minimum.

Process Up to
250 Images
In 1 Second

Exclusive Local Dimming Algorithm

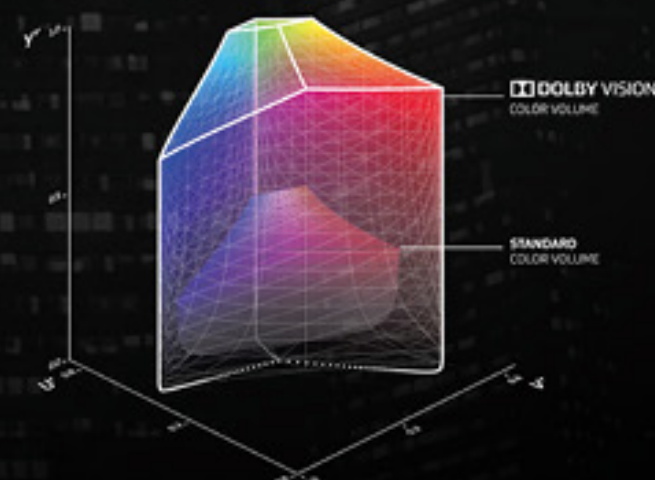


COLOR MAPPING

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 livelier. Creators can film and edit their streams, videos, and other content in a format commonly used by industry professionals.



ROG NEBULA HDR

ROG NEBULA DISPLAY

	ROG NEBULA HDR	ROG NEBULA DISPLAY
Color Gamut	100% DCI-P3, supports Gamut Mapping	
Color Depth	10 bit	8 bit
Resolution / Refresh Rate	4K 120hz+, QHD 120hz+, FHD 240hz+	
Response Time	3 ms or Less	
VRR	G-Sync	
Eye Comfort Certification	TUV Rheinland Certified (Flicker Free / Anti Blue Light)	
Color Certification	Pantone Validation	
MUX Switch	NVIDIA Advanced Optimus	
Brightness	> 600 nits Brightness	500 nits Brightness
Contrast Ratio	> 100,000 : 1	1200 : 1
HDR	VESA DisplayHDR Certified Dolby Vision HDR	Dolby Vision HDR

ROG SCREENPAD™ PLUS



Thanks to a radical new AAS Plus 2.0 design, the Zephyrus Duo series puts that multi-screen functionality in an ultraslim 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 more of the main display as a canvas and still keep menus, toolbars, and more within easy reach. The 3840 x 1100 resolution boasts a high pixel density, delivering rich details, crisp text, and flowing lines to match the premium primary display.

Stream



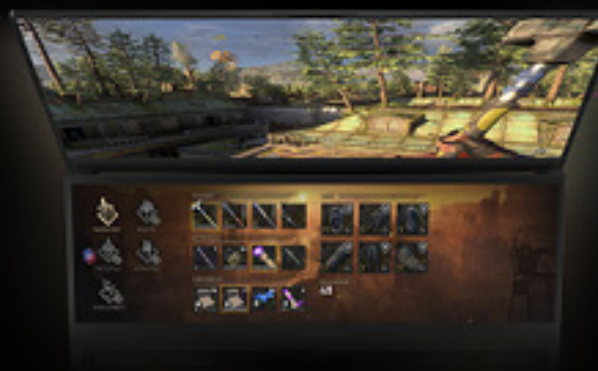
Streaming and gaming simultaneously is simpler with two screens. Keep your broadcast controls, video feed, and other commands on deck to produce a high-quality stream on the go. Stay engaged with your audience by keeping all your chat channels in view as you play. Optimized apps like Xsplit Gamecaster make it easy to take your stream to the next level.

Create

More screen space for multimedia editing makes it easier to create original content anywhere. Give yourself a broader workspace for writing, drawing, and more, while keeping critical tools like timelines, layers, histories, and reference materials within easy reach. Stylus support lets you use the touchscreen like a drawing tablet for quick sketches, note-taking, and more.



Game



Streaming and gaming simultaneously is simpler with two screens. Keep your broadcast controls, video feed, and other commands on deck to produce a high-quality stream on the go. Stay engaged with your audience by keeping all your chat channels in view as you play. Optimized apps like Xsplit Gamecaster make it easy to take your stream to the next level.

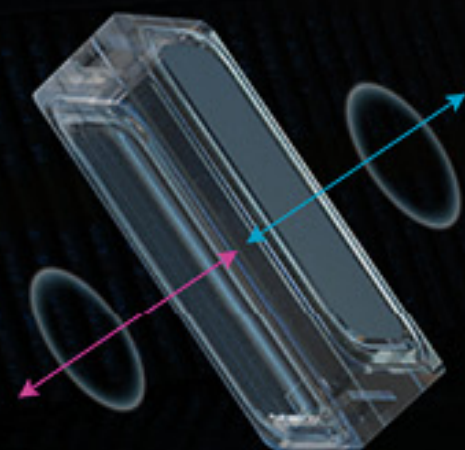
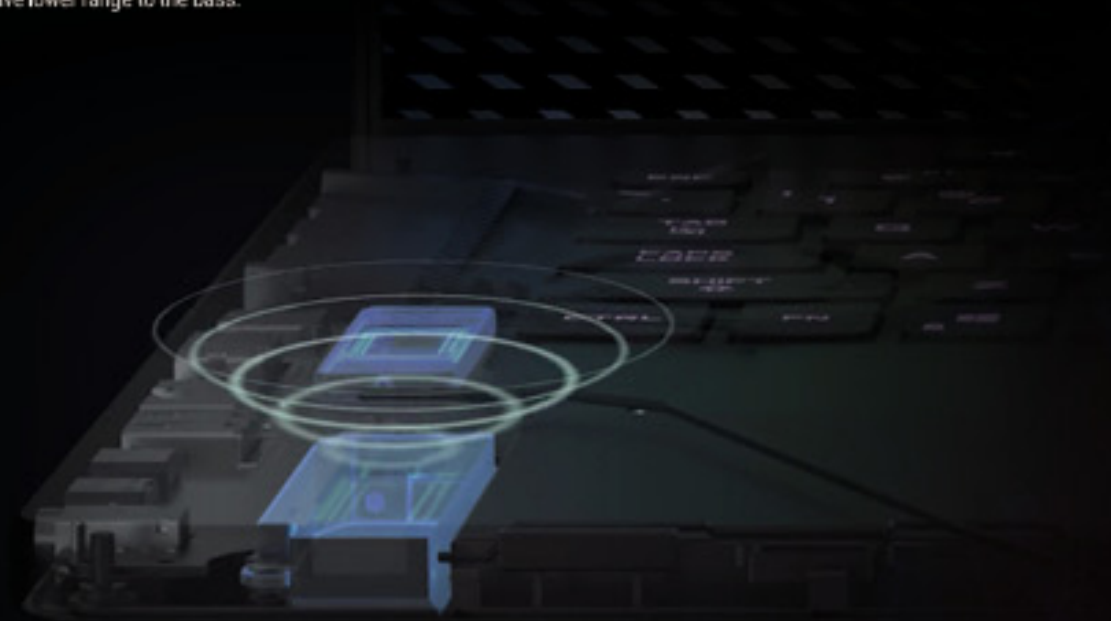
Multitask

Screen Xpert software allows for seamless navigation between your primary display and ScreenPad™ Plus secondary display. Move browsers, videos, and chats to the ScreenPad Plus to keep them on deck while you work and play. Shift between functions easily with simple touch commands. More screen space makes multitasking easier than ever, letting you keep an eye on all the tools you need at the same time. Personalize your ScreenPad™ Plus experience with Task Groups that show up to 5 selected apps on command, Quick Keys to create custom keyboard shortcuts, and more.



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.



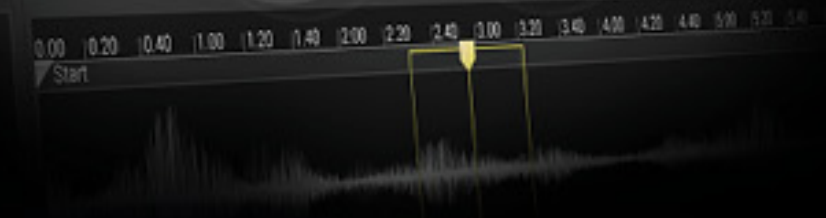
Principle

By combining one upward-facing and one downward-facing speaker, sound vibrations can be offset so that the speaker can stably generate lower frequencies in a smaller space.

Increase
30%
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, clarifying 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 touching game audio. Since our technology runs on the CPU, your GPU is freed up to maximize frame rates.

Up Link Speak without Noise



Down Link Speak without Noise



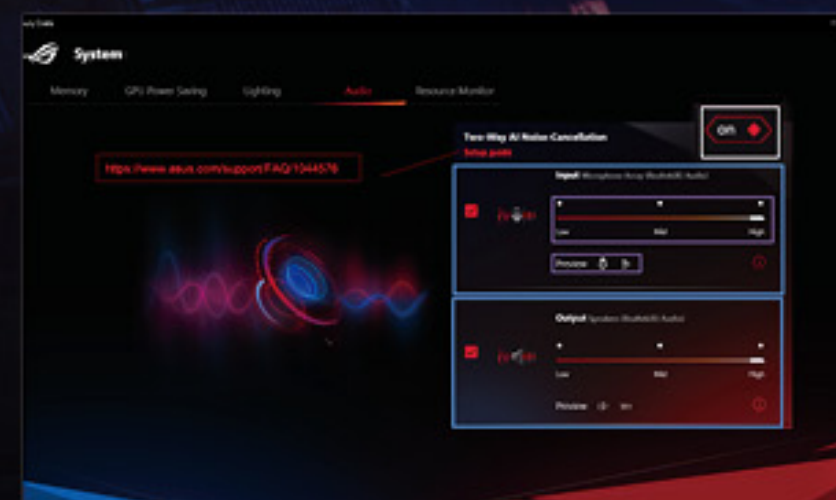
Two-Way AI Noise Cancelation within Gaming Performance

When the AI Noise Cancelation feature is turned on, our ROG laptops still has a 7.47% higher FPS rates than our competition. This 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 faster frequencies and higher performance.

Ainc Software Comparison Table		Two-Way AINC by ROG Gaming NB	Other AINC software
		Avg. FPS	
Game	Far cry 5	82	77
	Shadow of the Tomb Raider	71	66
	Assassin's Creed Odyssey	52	48

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

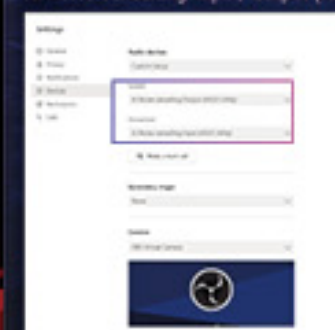
For example, playing Youtube music, having a Game match, and communicating with friends with AI noise cancellation on via Discord at the same time.



After activating, the system will automatically detect the using mode detect the device you are using.

1. Select noise reduction level - low, mid, high
2. Please go to the app you want to apply and switch the default setting to richer.

AI Noise-cancelling Input/ Output (ASUS Utility)



DOLBY ATMOS FOR RICH SPATIAL SOUND

Experience audio that offers 360-degrees of 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 more nuanced, layered sound effects that can be further optimized with specially tuned preset modes for movies and games. DAX3 algorithms are expertly tuned to your devices speakers for improved loudness and clarity.



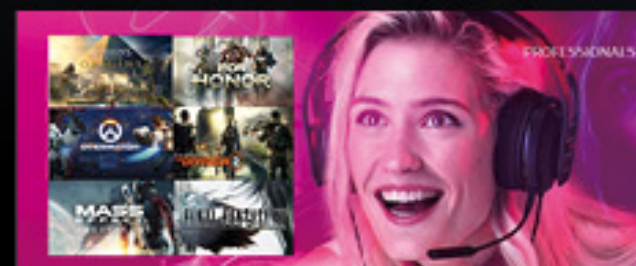
Dolby Makes Everything on Your Device Sound Better



Dolby Atmos in Action

Game in Dolby

Dolby Atmos sound unleashes the full detail and nuance of in-game music to make your experience richer.



Stream Movies with Dolby

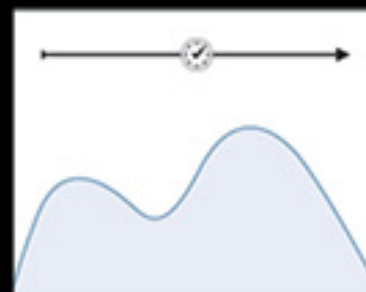
Dolby Atmos gives sound direction and depth that can place objects around you in three-dimensional space, putting you at the center of the action.



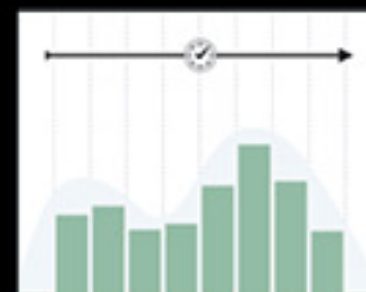
HIGH-RESOLUTION AUDIO



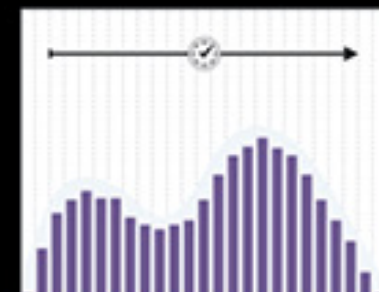
High-Resolution Audio refers to a collection of digital processes and formats that allow the encoding and playback of music using higher sampling rates than the standards used in CDs.



Original Analog Recording



CD: 16 bit / 44.1 kHz



High-Resolution Audio at 24 bit/96 kHz

The graphs above start with the original analog sound waves and illustrate the low sample rate of CDs compared 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 (3.2x more data transmitted than CD) and 24 bit/192 kHz (6.5x more data transmitted than CD).

PATENTED ROG RANGEBOOST STRENGTHENS YOUR SIGNAL

ROG gaming laptops are the first in the world to feature multi-antenna Wi-Fi for 30% more range, higher Wi-Fi throughput, and fewer connection drops. Ultrafast Wi-Fi 6E (802.11ax) lets you game reliably at LAN speeds wherever 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 mechanism and WPA3 security standard, you can enjoy gaming with extended device battery life and better wireless security.



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, noise level may differ by product usage.



<30 dB
Noise on keyboard

-20%
Noise reduction on touchpad



3DNR CAMERA

Our integrated webcam makes 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% improvement as tested internally by ASUS, noise level may differ by product usage.

40%
Brighter

Flip Chip
Technology



AURA SYNC COORDINATES COLORS ACROSS YOUR ECOSYSTEM



Aura Sync technology gives you the freedom to customize and sync up light effects with Aura Sync-supported gaming mice, headsets, and other peripherals to give your entire gaming setup a consistent look and feel. With a full spectrum of colors to choose from, as well as eight different lighting modes that can be accessed via Armoury Crate, Aura Sync technology lets you express your gaming persona, or the feel of the game you're currently playing.

* Effects may vary by models



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.

AniMe Matrix™ Display

ILLUMINATING NEW PLATFORMS FOR CREATIVITY



ROG consistently pushes the boundaries of personalization to help users express themselves and make each machine their own. In 2023, the M16 will feature an AniMe Matrix™ panel for the very first time. With 18,710 precision machined holes and 1,711 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. This interactive assistant reacts to system usage and battery level— and also stars in its own desktop app!



Virtual Pet

A character from the ROG universe, this virtual pet is a fun sidekick that doubles as an interactive assistant. It lives on your desktop after activation and reacts in real time to changes in system load and battery level. The virtual pet can also be configured to hang out on the AniMe Matrix™ display.



Animation

Show off creative animations in clean white LED lighting with the AniMe Matrix™ Display. You can create your own animations by inserting individual images frame by frame, and watch them play out in illuminated animated sequences.



Scrolling Text

Make your status and thoughts known with a scrolling text display. Type in any text and have it scroll by in LED lights, perfect for sending a message from across a room or letting people know to "Do Not Disturb" while you're at work.



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 lighten up the mood.



System Notifications

Even when the laptop is closed, the AniMe Matrix™ Display can keep you updated on the 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.



Aura Creator
Customize Your RGB Keyboard



Fan Settings
Control Noise Levels and Power Consumptions



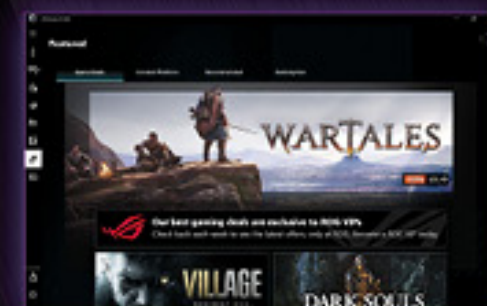
Android / iOS App
Access Armoury Crate from Your Smartphones



GameVisuals
Adjust Different Presets in Different Genres



Scenario Profiles
Switch and customize between Silent, Performance, and Turbo modes



Games Deals
Discover, explore, and pick up great games at great prices with Game Deals

16"

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 1024 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.

ROG NEBULA HDR

Mini LED
Panel

WQXGA
Resolution

240Hz/3ms
Refresh Rate

16:10
Aspect Ratio

NVIDIA
G-SYNC

Dolby
VISION

VESA CERTIFIED
DisplayHDR 1000



Unshackled performance

Enjoy portability and versatility without sacrificing gaming power. The Zephyrus M16 speeds through tasks, gaming and multitasking with up to a 13th Gen Intel® Core™ i9-13900H processor. Game with confidence with up to an NVIDIA® GeForce RTX™ 4090 Laptop GPU. With a dedicated MUX Switch and NVIDIA® Advanced Optimus support, every game runs at peak performance with no motion tearing, automatically.

Up to
13th Intel® Core™ i9-13900H
Processor

Up to
NVIDIA® GeForce RTX™ 4090
Laptop GPU

Max TGP
145W
GPU

NVIDIA® Advanced Optimus
32GB
DDR5 Memory

Light up your life

For the first time, the M16 features an Aura Matrix™ panel. With 1,711 LEDs, all of the animations are crisper and cleaner than ever before. We're also introducing a new matte black color with an overglow finish. Helping to complete the stealth look, this finish is also fingerprint resistant. With four polished side panels, the M16 exudes a sense of style and luxury not seen in standard gaming laptops.

Animation
18,710
CNC holes
Four
Polished Side

Custom engineered cooling

The M16 builds upon years of intelligent cooling experience to relentlessly push the boundaries of what an ultraportable laptop is capable of. Our Tri-Fan Technology and full-width heatsink elevate the M16 from just a throw-and-light to a true gaming machine. Thermal Grizzly liquid metal thermal compound and the ability to stay silent with 0dB Ambient Cooling technology keep

ROG INTELLIGENT COOLING™

Tri-Fan Technology Full-width heatsink

Thermal Grizzly Liquid Metal thermal grizzly

Model	ROG Zephyrus M16 (GU604)
CPU	Up to Intel® Core™ i9-13900H Processor
Graphics	Up to NVIDIA® GeForce RTX™ 4090 with 16GB
Operating System	Windows 11 Home
Memory	32GB DDR5 4800 MHz (2 x 16GB) (Max 64GB)
SSD	Up to 2 TB PCIe™ 4.0 Performance SSD
Display	16" Mini LED WQXGA (1560x1080, 240Hz / 3ms, Mini LED panel with G-Sync)
Keyboard	Backlit Optical Keyboard 1.4mm Key Travel with Aura Sync
Power	100W
Dimensions	Normal use: 1351 (W) x 216.5 (D) x 19.9 ~ 21.2 (H) mm Aura Matrix use: 1315 (W) x 246.5 (D) x 21.5 ~ 22.9 (H) mm
Weight	2.1kg 2.2kg (Aura Matrix)
Warranty	2-year international warranty

See more configurations on pg. 25



Scan the QR code to learn more

14"



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.

Up to
AMD Ryzen™
7 7735HS
CPU

Up to
NVIDIA® GeForce RTX™ 3050
Laptop GPU

Max TGP
100W
GPU

Up to
16GB
DDR5 MEMORY



16:10 Aspect Ratio, Vibrant Pantone® Color

Your laptop's display is a window to other worlds. This year we are upping the ante with the dazzling Nebula HDR Mini LED display. This QHD+ 120Hz panel offers 100% DCI-P3 coverage, Pantone® Validation, and 500 nit peak brightness with a response time of just 3ms. With 534 dimming zones on a 14-inch display, your HDR content has never looked as vivid.

*Two gorgeous display options—high-res, high-refresh 120Hz QHD+ or ultra-fluid 144Hz Full HD—keep you immersed with lifelike, Pantone® validated colors.

*Anime Matrix™ equipped models are not available with Nebula HDR Mini LED panel.

ROG NEBULA HDR™

Up to
Mini LED
Panel

Up to
QHD+
Resolution

Up to
144Hz/3ms
Refresh rate

16:10
Aspect Ratio

VESA CERTIFIED
DisplayHDR™ 600

NVIDIA
G-SYNC

Dolby
VISION



Lighten Up and Show Off

The iconic Anime Matrix™ LED array sports more vivid animations as well as new functions and mini games, with more content added all the time. The lid of the machine is covered with 14,559 precision CNC milled holes with 1,449 mini LEDs. More LEDs mean more animation possibilities. To share your personal taste and identity, with customizable animation options, you can make the Zephyrus G14 uniquely yours.

Virtual Pet
Animation

Audio Equalizer
System Notification

Precision Engineered Cooling

The Zephyrus G14 packs a vapor chamber and Thermal Grizzly's liquid metal thermal compound for ultra-efficient heat transfer from the hottest parts of the machine. The custom design allows the G14 to have a higher power budget, pushing performance to the limit without increasing fan noise or chassis size. During low power tasks, ROG Ambient Cooling technology allows the fans to be automatically disabled for a truly silent experience.

ROG INTELLIGENT COOLING™

Vapor Chamber **OdB Ambient Cooling**

Thermal Grizzly Liquid Metal **thermal grizzly**



Model	ROG Zephyrus G14 (GA402)
CPU	AMD Ryzen™ 7 7735HS / Ryzen™ 7 6800HS CPU
Graphics	NVIDIA GeForce RTX™ 3050 with 4GB GDDR6 / AMD Radeon™ 6800S with 8GB GDDR6
Operating System	Windows 11 Home
Memory	16GB DDR5 4800 MHz (1 x 16GB) (max)
SSD	Up to 1 TB PCIe™ 4.0 SSD
Display	14.0" Mini LED WQHD+ (2560x1600) 120Hz / Dual / FHD+ (1920x1200) 144Hz, Dual Mini LED panel with G-Sync, Anime Matrix version
Keyboard	Backlit Chiclet Keyboard 1-core RGB/White with Aura Sync
Power	75Wh
Dimensions	312 (W) x 227 (D) x 15.5 - 16.5 (H) mm
Weight	1.57kg 1.71kg (Anime Matrix/Mini LED panel)
Warranty	2-year international warranty

See more configurations on pg. 57



Scan the QR code to
learn more

16"



ROG ZEPHYRUS G16

Amp Your Game.

Continue the Zephyrus G16's gaming legacy with a gorgeous 16-inch 240Hz QHD 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.

Up to
Intel® 13th Gen Core™ i9 13900H Processor

Up to
NVIDIA® GeForce RTX™ 4070 Laptop GPU

Max TGP
120W GPU

NVIDIA® Advanced Optimus

16GB DDR5 MEMORY



Ultra-Fast, Ultra Vivid

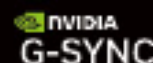
Sink directly into the action with a gorgeous 16-inch 240Hz QHD display with ultra-thin 4.66mm bezels. Featuring a 16:10 aspect ratio and a 94% screen-to-body ratio, the G16 also boasts 100% coverage of the DCI-P3 color space, Pantone Validation, and Dolby Vision HDR support. As a Nebula Display, the Zephyrus G16 immerses you in your favorite games or content, no matter how fast-paced.

*Two gorgeous display options - high-res, high-refresh 240Hz WQXGA or 165Hz MUXGA - keep you immersed with 94% screen-to-body ratio, Pantone® validated colors.

100% DCI-P3 color

Up to
WQXGA
Resolution

Up to
240Hz/3ms
Refresh rate



Cool Off In Style

Featuring Thermal Grizzly's liquid metal thermal compound, up to 5 heatpipes, targeted internal blast cooling, and 84-blade Arc Flow Fans, the G16 can handle even the most intensive gaming sessions with ease. This overbuilt cooling solution has another benefit during low power tasks - truly silent operation with 0dB Ambient cooling. The machine will passively dissipate heat, with the fans turning back on automatically as needed.

Thermal Grizzly

Liquid Metal
Thermal Compound

84-blade

Arc Flow Fans

Truly Silent

0 dB

Ambient Cooling

ROG INTELLIGENT COOLING™



Always Ready For Action

Enjoy the power to work and play anywhere, thanks to a lightweight 2 kilogram chassis less than 20mm thick. The integrated webcam allows you to seamlessly join video calls and unlock your machine with Windows Hello. A high-capacity 90Wh battery means less time tethered to outlets and more time spent where you want to be. Type-C charging support extends its life even further, letting you top off with portable power packs to stay productive anywhere.

90Wh Battery **2.00 KG**
Only 19.9mm



Model	ROG Zephyrus G16 (GU603)
CPU	Up to Intel® Core™ i9-13900H Processor
Graphics	Up to NVIDIA® GeForce RTX™ 4070 with 8GB GDDR6
Operating System	Windows 11 Home
Memory	32GB DDR5 (8GB x4) (2 x 512GB M.2 4800)
SSD	1 TB PCIe® 4.0 NVMe™ SSD
Display	16" WQXGA (1560x1080) 16:10, 240Hz / 3ms, 100% DCI-P3, IPS-level panel with 4-Spe, Dolby Vision®, Pantone® Validated / 16" WQXGA (1920 x 1200) 16:10, 165Hz / 3ms, 100% DCI-P3, IPS-level panel with 4-Spe, Dolby Vision®, Pantone® Validated
Keyboard	Backlit Optical Keyboard / 1.4mm Key Travel with Aura Sync
Power	100W
Dimensions	355 (H) x 240.5 (W) x 19.9-22.34 (D) mm
Weight	2 kg
Warranty	2 year international warranty

See more configurations on pg. 29



Scan the QR code to learn more

16"



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 Conductionaut 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.

Up to
AMD Ryzen™ 9 7945HX
CPU

Up to
NVIDIA® GeForce RTX™ 4090
Laptop GPU

Max TGP
165W
GPU

MUX Switch

Up to
32GB
DDR5 MEMORY



Mini LED. Maximum Vibrance.

Whether you're gaming, catching up on your favorite content, or just browsing the web, the 16-inch 16:10 aspect ratio main display is absolutely gorgeous. For fast-paced gaming, the QHD 240Hz panel with 2ms response time is the perfect blend of high refresh and high resolution for crisp and detailed images. Mini LED allows for deeper contrast and higher brightness than traditional LED displays, allowing for an image that pops off the screen with VESA DisplayHDR™ 1000 certification. Prepare to be dazzled by vivid colors with 100% DCI-P3 coverage, 1200 nits peak brightness, and 1152 dimming zones.

*Pantone® Validated colors only available in SDR mode

Vivid

100% DCI-P3

Color space

Wide

16:10

Aspect ratio

Mini LED

WQXGA 240Hz

Panel



VESA CERTIFIED
DisplayHDR™ 1000



Dolby
VISION

Cooling You Can Feel, Not Hear, with AAS Plus 2.0

AAS Plus 2.0 opens up a 28.5mm air intake, increasing airflow by 30% compared to traditional designs. Conductionaut Extreme liquid metal allows for 15°C lower CPU temperatures compared to traditional thermal pastes. With this much thermal overhead, the Zephyrus Duo 16 can leverage 0dB Ambient Cooling technology for truly silent operation during low power tasks.

28.5mm Wide

AAS Plus 2.0

Air Intake

Liquid Metal

Conductionaut Extreme

Thermal Compound

Silent

0dB Ambient Cooling

Technology

84-blade

Arc Flow Fans™

Design



True Multitasking with a Seamless Dual Display

The Zephyrus Duo 16's iconic second screen has also been improved, with the brand new Corning® Gorilla® Glass DXC. This material reduces surface reflections while increasing hardness by over 40% for better scratch resistance. Less reflections mean you can get the brightness levels, improving battery life by more than 10%, even when used in outdoor and bright environments.

Gorilla Glass DXC

Model	ROG Zephyrus Duo 16 (GX650)
CPU	AMD Ryzen™ 9 7945HX Mobile Processor
Graphics	NVIDIA® GeForce RTX™ 4090 with 16GB
Operating System	Windows 11 Home
Memory	32 GB DDR5 4800 MHz
SSD	2 TB PCIe® 4.0 Performance SSD
Display	16.0" WQXGA (2560 x 1600) 16:10, 240Hz / 2ms, BrightView™ Anti-Glare (DCI-P3 100%, Wide Viewable LED panel with 6-Sync, ScreenPad Plus (4K) 14.0 3840x1920, Touch screen
Keyboard	Backlit Chroma™ 4-Zone RGB Keyboard with Arc-Sync
Power	165W
Dimensions	310 (W) x 227 (D) x 18.5 - 19.5 (H) mm
Weight	1.65 kg 1.71 kg (Active Matrix OLED panel)
Warranty	2-year international warranty

See more configurations on pg. 61



Scan the QR code to
learn more

16"



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

Intel® Core™
i9-13900H
CPU

Up to GeForce
RTX™ 4060
GPU

Tri-Fan Technology

ROG Nebula HDR
With Mini LED



TRANSFORM FOR ANYTHING

Enjoy portability and versatility without sacrificing Windows 11 Home gaming power. The ROG Flow X16 speeds through tasks with up to a cutting-edge 13th Gen Intel® Core™ i9-13900H. Game with confidence with up to an NVIDIA® GeForce RTX™ 4060 Laptop GPU. Move freely and create, stream, and game whenever the mood strikes.

Up to
1TB PCIe 4.0
SSD storage

Up to
16GB 4800Hz
DDR5 Memory

MUX Switch
Technology

ROG NEBULA HDR

The Flow X16 comes with an ROG Nebula HDR display, built with Mini LED for deeper contrast and higher brightness than traditional LED panels. Prepare to be dazzled by vivid colors with 100% DCI-P3 coverage, with 1100 nits of peak brightness and 1024 local dimming zones on this stunning VESA DisplayHDR™ 1000 panel. Both the Nebula HDR and standard Nebula displays have a 16:10 aspect ratio, Dolby Vision, and 240Hz refresh rates with 3ms response times, ensuring excellent motion clarity and more immersive visuals in all of your games.

1024
local dimming zones

Mini LED
Panel

1100 nits
Peak Brightness

100% DCI-P3
Cinema-standard Color Gamut

NVIDIA G-SYNC

VESA CERTIFIED DisplayHDR™ 1000



ENDLESS VERSATILITY

The Flow X16 was designed with versatility in mind. For a standard PC gaming experience, connect your favorite mouse to pair with the keyboard. With M-key rollover, a 1.2mm travel distance and single-zone RGB with Aura Sync support, the keyboard has the same premium feature set as our other ROG laptops. For supported games, pair up to four controllers and put the X16 in tent mode to take the best couch co-op games with you wherever you go.

One-zone
RGB Keyboard

Wireless
Gamepad
Compatible

MPP2.0
Stylus
Support



Model	ROG Flow X16 (GV601)
CPU	13 th Gen Intel® Core™ i9-13900H processor
Graphics	NVIDIA® GeForce RTX™ 4060 with 8GB
Operating System	Windows 11 Home
Memory	16GB (8GBx2) DDR5-4800 SO-DIMM x2
SSD	1TB PCIe 4.0 SSD
Display	16" WQXGA (2560x1600), 240Hz/1ms, 1100nits, Mini LED panel with HDR 1000, G-Sync, 100% DCI-P3, Dolby Vision®, Pantone® Validated, Gorilla Glass DXC
Keyboard	Backlit QWERTY Keyboard, 1.2mm RGB Lighting, support Aura Sync
Power	140W
Dimensions	355 (W) x 243 (D) x 21.9 (H) mm
Weight	2.3 kg
Warranty	2-year international warranty

See more cool games on pg. 39



Scan the QR code to learn more

13.4"



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 framerates 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™

Intel
i9 13900H
CPU

Dedicated
QHD 165Hz
Nebula Display

NVIDIA
GeForce RTX 4050
GPU

super light
1.1kg & 12mm thick
USB, SD, Earthen



ENDLESS VERSATILITY

The Flow Z13 was designed with versatility in mind. For a traditional PC gaming experience, connect your favorite wireless mouse with our integrated keyboard. With 4-key rollover, a 1.2mm travel distance and single-zone RGB with Aura Sync support, the keyboard has the same premium feature set as our other ROG laptops. For supported games, the Z13 also connects seamlessly with wireless controllers for a whole new take on ultraportable gaming. Pair up to four controllers to take the best catch or top games with you whenever you go. No matter how you play, the Flow Z13 can adapt to your style.

Portable
Keyboard 13M
Panel cover Front Camera

3DNR +IR 5M Stylus Support
Webcam

EXPAND YOUR VIEW

The 2023 Flow Z13 has reached for the stars with its very first Nebula Display. This QHD 165Hz panel keeps up with even the fastest gameplay, and with 100% sRGB coverage and WOLED resolution on a 13-inch device, the Flow Z13 offers unparalleled detail and immersion in all of your content. 500 nits of peak brightness paired with a special game-resistant Gorilla Glass DXC screen make the Z13 easy to use inside and in the great outdoors. Despite its compact size, the display is an extra 16:10 aspect ratio, maximizing available space. Touch and stylus support balance the visual experience with more intuitive inputs for the creatives among us.

16:10
Touchscreen

500 nits
Peak Brightness

Gorilla Glass DXC
Touchscreen

165Hz/3ms
Refresh Rate

QHD
Resolution

100% DCI-P3



STAND TALL AND BREATHE DEEP

Despite having up to a Core™ i9 CPU and up to an RTX™ 4050 GPU, the Z13's ultra-compact form factor allows it to have more cooling space than traditional gaming laptops. Its tablet form factor does not require a hinge, allowing us to use much larger fans and a wider vapor chamber than the Z13's size would suggest. And because the Z13's heat-generating components stand high above the deck when in operation, they receive more fresh air than standard laptops. Combined with 0dB technology, this means that the Z13 is completely silent during light computing and remains incredibly quiet even under full load.

Heat Dissipation Area

50% More Liquid Metal
With Vapor Chamber

Arc Flow Fans™
Cooling

0dB
Ambient Cooling



Model	ROG Flow Z13 (GZ301)
CPU	13th Gen Intel® Core™ i9-13900H CPU
Graphics	NVIDIA® GeForce RTX™ 4050 with 6GB
Operating System	Windows 11 Home
Memory	16GB LPDDR5 5200MHz
SSD	1TB PCIe 4.0 SSD
Display	13.4" WOLED (2560x1600), 165Hz/3ms, 500nits, with 0dB + 0.5s, 100% DCI-P3, Dolby Vision, Panel with 16:10, Gorilla Glass DXC
Keyboard	Backlit On-Screen Keyboard 1-zone RGB / White with Aura Sync
Power	50W
Dimensions	Device: 322.8 (W) x 238.9 (D) x 12.96 ~ 14.26 (H) mm Keyboard: 302.8 x 228.2 x 5.5 mm
Weight	Device: 1.18kg, Keyboard 0.43kg
Warranty	2-year international warranty

See more configurations on pg. 10



Scan the QR code to learn more



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 2TB 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.

Up to Intel® Core
i9-13980HX
Processor

Up to
GeForce RTX™ 4090
Laptop GPU

Max TGP
175W
GPU

NVIDIA® Advanced Optimus

Up to
32GB
DDR5 Memory

PCIe Gen4



ROG
INTELLIGENT
COOLING



NEXT-GEN COOLING

To accommodate such powerful components, the Strix SCAR's chassis and motherboard were both redesigned to accommodate our new full-width heatsink, while the copper fins were moved even closer to the exhaust vents for more efficient cooling. This unique heatsink is built from three different sections, surrounding the motherboard with densely packed fins for a total surface area of 174,103-185,506mm², up to 62.5% increase from the 2022 Strix SCAR series. This design maximizes the available pathing for hot air to escape the machine and drastically increases overall cooling.

Finally, most gaming laptops have a dual fan cooling system, but the SCAR was able to push the performance envelope even further with the introduction of a third fan that helps keep the GPU and VRAM cool. Paired with seven heatpipes and Conductionaut Extreme liquid metal on both the CPU and GPU, the SCAR's cooling system is a marvel of engineering.

Conductionaut
extreme
LIQUID METAL COMPOUND
FORMED WITH COPPER

Tri-Fan
Technology

Full-surround
Vents

Up to
15°C Cooler
CPU & GPU Temperatures

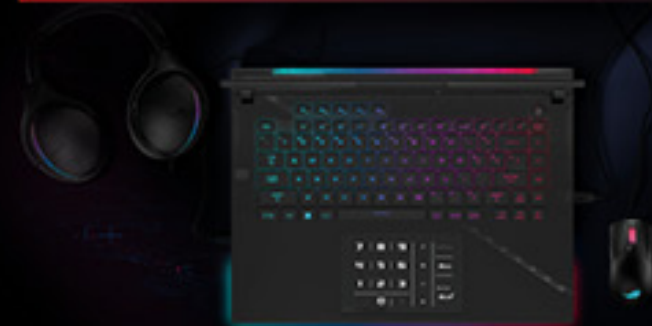
ROG NEBULA HDR

For gamers who demand the absolute best motion and image clarity, the SCAR 16 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 aspect ratio Mini LED panel 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. The SCAR 16/18 can also be equipped with a QHD 240Hz Nebula Display, offering fantastic color, Dolby Vision, Adaptive-Sync support, and an 85% screen-to-body ratio for a stellar gaming and viewing experience.

Mini LED
Panel
100% DCI-P3
Cinema-standard Color Gamut

Up to
QHD 240Hz/3ms
Refresh Rate
NVIDIA G-SYNC

Up to
1024
Dimming Zones
VESA CERTIFIED DisplayHDR™ 1000



PRESS THE ATTACK

The difference between victory and defeat can be separated by a single keystroke, so the Strix SCAR 16/18 has a full-size keyboard designed to secure the win. Ghostbridge technology offers sublime work and play, reducing key actuation and improving responsiveness. Built with gamers in mind, the keyboard features spaced function keys for intuitive identification and dedicated hotkeys for quick access to essential commands. Large arrow keys allow for more accurate control in the heat of battle. A large touchpad means easier tracking across all of your applications, while per-key RGB lighting lets you choose from millions of colors on every key for endless customization. You can also create game-specific layouts via Armoury Crate, making every game feel unique.

Per-key
RGB

Aura Sync
Technology

Gaming
Hotkeys

Model	ROG Strix SCAR 16/18
CPU	Up to 13th Gen Intel® Core™ i9-13980HX Processor
Graphics	Up to NVIDIA® GeForce RTX™ 4090 with 165W TGP
Operating System	Windows 11 Home
Memory	Up to 32GB DDR5 4800MHz support
SSD	Up to 2x 1TB PCIe SSD
Display	16-inch NVIDIA G-Sync 16:10, 240Hz, 100% DCI-P3, IPS-level panel with G-Sync and Dolby Vision®, Pantone® Validated, Glow-in-the-Dark, 100% sRGB, Wide View ROG Nebula HDR Display Mini LED 1100nits 16-inch NVIDIA G-Sync 16:10, 240Hz, 100% DCI-P3, IPS-level panel with G-Sync and Dolby Vision®, Pantone® Validated, 100% sRGB, Wide View
Keyboard	Full-size Cherry Keyboard Per-key RGB with Aura Sync Touchpad (16-inch model only)
Power	180W
Dimensions	16-inch: 354 (W) x 264 (D) x 22.6 - 30.4 (H) mm 18-inch: 379 (W) x 264 (D) x 22.1 - 30.8 (H) mm
Weight	16-inch: 2.5 kg 18-inch: 2.1 kg
Warranty	2-year international warranty

See more configurations on pg. 10



Scan the QR code to
learn more

17"



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.

Up to AMD
Ryzen™ 9 7945HX
Processor

Up to
GeForce RTX™ 4080
Laptop GPU

Max TGP
175W
GPU

NVIDIA® Advanced Optimus

Up to
32GB
DDR5 Memory

PCIe Gen4



DON'T LOSE YOUR COOL

Powerful components require a robust cooling solution. The 2023 ROG SCAR 17 utilizes Thermal Grizzly's liquid metal on the GPU, and their even more advanced Conductionaut Extreme liquid metal on the CPU. An ultra-high performance thermal interface material, Conductionaut Extreme can keep these components up to 15°C cooler than traditional thermal pastes. When paired with a custom vapor chamber and four dedicated exhaust vents, this thermal solution transfers heat out of the system incredibly efficiently. ROG's Intelligent Cooling™ technology allows critical components like the CPU and GPU to maintain higher boost frequencies for longer periods of time, keeping your frame rates smooth and steady even during extended gaming sessions. The SCAR 17 keeps noise in check, too: when in Performance mode, the machine does not exceed 40 dB.



Conductionaut
extreme

Custom
Vapor Chamber

Conductionaut Extreme
Liquid Metal
On CPU
Up to
15°C Cooler
CPU Temperatures

LIGHTNING FAST, CRYSTAL CLEAR

You can't beat the enemy if you don't see them coming. The Strix SCAR 17 has ultra fast panel options for every scenario, making sure you'll never miss a moment. This 17-inch machine offers a QHD 240Hz panel. With refresh rates that fast and response times as low as 3ms, you can make pixel-perfect decisions even in the most frenetic firefights. Each IPS panel offers fantastic color, Dolby Vision HDR, and Adaptive Sync for a stellar gaming and viewing experience.

Up to

QHD 240Hz/3ms

Refresh Rate

100% DCI-P3

Cinema-standard Color Gamut

Dolby
VISION

NVIDIA
G-SYNC



PRESS THE ATTACK

Built to last, The Strix SCAR 17's keyboard switches are rated to last over 20 million presses. The WASD keys can rest easy, durable enough to stand the test of time. Per-key RGB lighting allows for unlimited flexibility via Aura Sync, including game-specific lighting layouts.

Per-key
RGB

Aura Sync
Technology

Gaming
Hotkeys



Model ROG Strix SCAR 17 (G733)

CPU AMD Ryzen™ 9 7945HX
Graphics NVIDIA® GeForce RTX™ 4080 with 12GB GDDR6X
Operating System Windows 11 Home
Memory 32GB (2x16GB) DDR5
SSD 1TB PCIe 4.0 Performance SSD

Display 17.3" WOLED (1500x1080) 240Hz / 3ms, DCI-P3 100%, IPS-level panel with G-Sync and Dolby Vision HDR

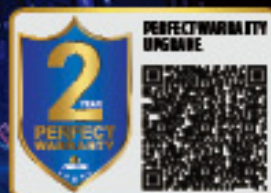
Keyboard Backlit Glider Keyboard
Per-key RGB with Aura Sync
Power 90Wh
Dimensions 315 (H) x 281 (D) x 23.4 - 28.2 (T) mm
Weight 2.1kg
Warranty 2-year international warranty

See more configurations on pg. 10



Scan the QR code to learn more

16"/18"



ROG STRIX G16

Raise Your Game. Carry Your Squad.

Draw 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 multitasking sessions are a breeze for this gaming machine.

Up to Intel® Core
i7-13650HX
Processor

Up to
GeForce RTX™ 4070
Laptop GPU

Max TGP
175W
GPU

NVIDIA® Advanced Optimus

Up to
16GB
DDR5 Memory

PCIe Gen4



GROUNDBREAKING COOLING

To accommodate such powerful components, the Strix G's chassis and motherboard were both redesigned to accommodate our new full-width heatsink, whose fins were moved even closer to the exhaust vents for more efficient cooling. The full-width heatsink is built from three different sections, surrounding the motherboard with densely packed fins for a total surface area of 174,163-195,537mm², up to 92% increase from the 2022 Strix G series. This design maximizes the available pathing for hot air to escape the machine and drastically increases overall airflow. Finally, most gaming laptops have a dual fan cooling system, but the Strix G was able to push the performance envelope even further with the introduction of a third fan that helps keep the GPU and VRAM cool. Paired with seven heatpipes and Conductionaut Extreme liquid metal on both the CPU and GPU* the Strix G's cooling system is a marvel of engineering.

*Conductionaut Extreme liquid metal is applied to the GPU on models with an RTX™ 4080 GPU only



Tri-Fan
Technology

Full-surround
Vents

Up to
15°C Cooler
CPU & GPU Temperatures

ROG NEBULA DISPLAY™

You can't beat the enemy if you don't see them coming. The Strix G has ultra-fast panel options for every scenario, making sure you'll never miss a moment. For the first time ever, this 16- and 18-inch machine offers QHD 240Hz Nebula displays. A 16:10 panel with 503 nits of brightness, 100% DCI-P3 coverage and 3ms response times, the Strix G has pixel-perfect precision even in the most frenzied firefights. The Strix G is also available with a full HD 165Hz panel, with each option offering fantastic color, Dolby Vision, Adaptive-Sync support, and an 80% screen-to-body ratio for a stellar gaming and viewing experience.

Up to
IPS-level Panel
500 nits Peak Brightness
WQXGA 240Hz/3ms Refresh Rate
100% DCI-P3 Cinema-standard Color Gamut



PRESS THE ATTACK

The difference between victory and defeat can be repasted by a single keystroke, as the Strix G16 has a full-size keyboard designed to secure the win. Overstroke technology offers anytime work and play, reducing key activation and improving responsiveness. Built with gamers in mind, the keyboard features spaced function keys for intuitive identification and dedicated hotkeys for quick access to essential commands. Large arrow keys allow for more accurate control in the heat of battle. A larger touchpad means easier tracking across all of your applications, while per-key RGB lighting lets you choose from millions of colors on every key for endless customization. You can also create game-specific layouts via Armoury Crate, making every game feel unique.



Per-key
RGB

Aura Sync
Technology

Gaming
Hotkeys

Model	ROG Strix G16 (G614)
CPU	Up to 13th Gen Intel® Core™ i7-13650HX Processor
Graphics	Up to NVIDIA® GeForce RTX™ 4070 with 8GB GDDR6
Operating System	Windows 11 Home
Memory	Up to 16GB DDR5 4800MHz
SSD	Up to 2TB PCIe 4.0 Performance SSD
Display	16-inch WQXGA (2560 x 1600) 16:10, 240Hz Refresh, 503 nits, 100% DCI-P3, IPS-level panel with G-Sync and Dolby Vision™, Pantone® Validated
Keyboard	Backlit Chiclet Keyboard, 4-Zone & Per-Key RGB with Aura Sync, Number Pad
Ports	USB
Dimensions	16-inch: 354 (H) x 354 (W) x 22.8 – 33.4 (D) mm 18-inch: 399 (H) x 399 (W) x 22.8 – 33.4 (D) mm
Weight	16-inch: 2.5kg, 18-inch: 2.1kg
Warranty	2-year international warranty

See more configurations on pg. 10



Scan the QR code to learn more



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. Conductionaut Extreme liquid metal on the CPU keeps the Strix G17 boosting the processor higher, for longer. Up to 32GB of cutting-edge DDR5 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
Processor

Up to
GeForce RTX™ 4070
Laptop GPU

Max TGP
140W
GPU

NVIDIA® Advanced Optimus

Up to
32GB
DDR5 Memory

PCIe Gen4



ROG INTELLIGENT COOLING™

Top-tier gaming components generate heat, which can impact performance and noise levels. The Strix G17 utilizes ROG Intelligent Cooling™ to keep thermals under control. Conductionaut Extreme liquid metal on the CPU begins the process, lowering temperatures by up to 15° Celsius compared to traditional thermal paste. Four exhaust vents make sure that the laptop can rid itself of excess heat as efficiently as possible. Software profiles customize the experience, with Silent Mode keeping noise levels quiet in lighter tasks, and Performance Mode unlocking the power of your laptop by increasing both graphics power limits and fan speeds. The Strix G17 is surprisingly quiet in any scenario, at just 25dB in Silent mode, 40dB in Performance mode, and 51dB in Turbo mode. No matter what you're doing, you can choose the ideal balance between power and acoustics.

Conductionaut Extreme
LIQUID METAL COOLING WITH COPPER

Under 40 dB
In Performance Mode

Conductionaut Extreme
Liquid Metal
On CPU
Up to
15°C cooler
CPU Temperatures

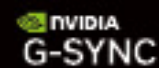
COMPETITION HERTZ

As a purpose-built gaming machine, the Strix G17 sports up to QHD 240Hz and FHD 144Hz panel options. High refresh rate displays are critical for competitive gaming, smoothing out animations and keeping enemy movements easier to track. Even in the fastest-paced games, the Strix G17 can help you stay locked on target. Select models have a 3ms response time and support Dolby Vision HDR for exceptional contrast and picture quality.

Up to

WQHD 240Hz/3ms
Refresh Rate

100% DCI-P3
Cinema-standard Color Gamut



STRIKE WITH PRECISION

Overstrike technology offers sublime work and play on the Strix G17, reducing key actuation and improving responsiveness. Built with gamers in mind, it features spaced function keys for intuitive identification and dedicated hotkeys for quick access to essential commands. Large arrow keys allow for more accurate control in the heat of battle. An ample touchpad means waste tracking across all of your applications. Per-key RGB lighting lets you choose from millions of colors on every key for endless customization.

Per-key
RGB

Aura Sync
Technology

Gaming
Hotkeys



Model	ROG Strix G17 (G713)
CPU	Up to AMD Ryzen™ 9 7945HX Processor
Graphics	Up to NVIDIA® GeForce RTX™ 4070 with 16GB GDDR6
Operating System	Windows 11 Home
Memory	Up to 32GB DDR5 4800MHz support
SSD	1TB PCIe 4.0 NVMe™ M.2 SSD
Display	17.3" WQHD (2560 x 1440) 240 Hz / 3 ms, DCI-P3 100%, IPS-level panel and Dolby Vision™ HDR / 17.3" FHD (1920 x 1080) 144 Hz / 3 ms, DCI-P3 100%, IPS-level panel and Dolby Vision™ HDR
Keyboard	Backlit Clicker Keyboard, 4-Zone & Per-key RGB with Aura Sync
Power	50Wh
Dimensions	315 (W) x 281 (D) x 22.4 ~ 26.8 (H) mm
Weight	2.8 kg
Warranty	2-year international warranty

See more configurations on pg. 10



Scan the QR code to learn more

16"



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.

Up to AMD **Ryzen™ 7 7735HS** CPU
Up to AMD **Radeon™ RX 7700S** GPU
Up to **120W** With SmartShift
Up to **512GB** PCIe® 4.0
Up to **16GB 4800MHz** DDR5 RAM



SINK INTO THE SCENE

Never lose track of the action thanks to an immersive 16-inch panel with narrow bezels and a huge 90% screen-to-body ratio. Even in frenetic titles, the WUXGA 165Hz and FHD 144Hz refresh rates will let you keep up with the pros. With AMD FreeSync™ Premium, the display's refresh rate synchronizes with the GPU's output to reduce lag, minimize stuttering, and eliminate visual tearing for ultra-smooth and lifelike gameplay.

WUXGA

165Hz

AMD

FreeSync™ Premium
Support

90 %

Screen-to-body ratio

BLOW AWAY THE COMPETITION

The TUF Gaming A16 is equipped to handle even the longest sessions. Up to 6 heatpipes route heat from the hottest components toward one of 4 dedicated exhaust vents, keeping critical components cool and performing their absolute best. A pair of Arc Flow Fans keep the heatinks fed with fresh air, keeping temperatures low without increasing the volume.

Arc Flow Fans™

84 Curve Blades

Up to

6

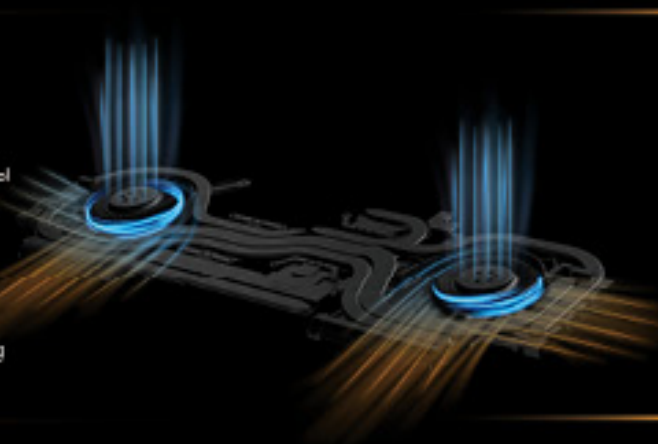
Heatpipes

4

Exhaust Vents

0dB

Ambient Cooling



TAKE CHARGE

A 90Wh battery paired with the power-efficient AMD Ryzen™ processor provide up to 13.6 hours of video playback, with fast charging technology returning the machine to 50% charge in just 30 minutes. The A16 also supports up to 100W charging via USB-C, giving you flexibility on when and where you charge the machine on the go.

Up to

90Wh

Battery

Rapid

TYPE-C

Charging

Model TUF Gaming A16 Advantage Edition (FA617)

Model	TUF Gaming A16 Advantage Edition (FA617)
CPU	AMD Ryzen™ 7 7735HS Processor
Graphics	AMD Radeon™ RX 7600S with 8GB VRAM
Operating System	Windows 11 Home
Memory	16GB DDR5 4800MHz
SSD	512GB PCIe® 4.0 SSD
Display	16.0" WUXGA (1920x1200) 16:10, 165Hz, 90% Screen-to-Body Ratio, IPS-level panel with AMD FreeSync™ Premium
Keyboard	Backlit chiclet keyboard, One-piece design with Nano Silver
Power	120W
Dimensions	354.9 (W) x 251.9 (D) x 22.15 ~ 26.75 (H) mm
Weight	2.2 kg
Warranty	3-year international warranty

See how configurations on pg. 10



Scan the QR code to learn more

15.6"



ASUS TUF DASH F15

Dash into Action

Be bold. Do more on the move. The all-new 2022 TUF Dash F15 puts powerful Windows 11 Home gaming in a super slim chassis. 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 blazing fast FHD 144Hz display. Even at 19.95mm thin, this TUF chassis meets rigorous MIL-STD durability standards, resisting everyday knocks and bumps. 76Wh battery keeps you multitasking all day in a laptop light enough to carry anywhere.

Up to
Intel® Core™ i7-12650H
DDR5 4800MHz

Up to
GeForce RTX™ 3070
2x SSD Slots



Crystal Clear Visuals

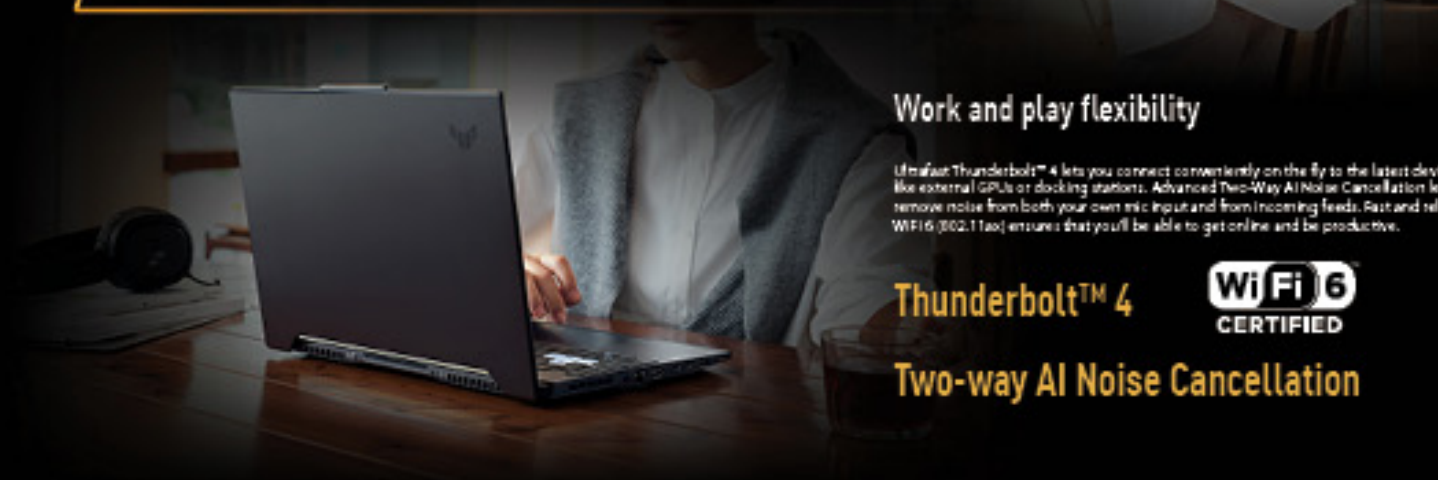
Game at pro speed with a lightning fast IPS-level panel up to FHD 144Hz/3ms with 100% DCI-P3 coverage with 100% sRGB. With Adaptive-Sync, the display's refresh rate synchronizes with the GPU's frame rate to reduce lag, minimize stuttering, and eliminate visual tearing for ultra-smooth and immersive gameplay.

FHD 144Hz
Adaptive Sync Technology

On-the-go Versatility

The 19.95mm thin chassis don't compromise a classic TUF core that meets military-grade MIL-STD standards. Type-C charging lets you top off your battery from portable power packs, so you can stop scrambling for a socket when your battery gets low. Unplug and unwind with a 76Wh battery, and fast charging that gets you to 50% in only 30 minutes.

19.95mm Thin Chassis
Military Durability
Type-C Charging
76Wh Battery
Fast Charging Technology



Work and play flexibility

Ultrafast Thunderbolt™ 4 lets you connect conveniently on the fly to the latest devices, like external GPUs or docking stations. Advanced Two-Way AI Noise Cancellation lets you remove noise from both your own mic input and from incoming feeds. Fast and reliable WiFi 6E (802.11ax) ensures that you'll be able to get online and be productive.

Thunderbolt™ 4
WiFi 6E CERTIFIED
Two-way AI Noise Cancellation

Model	ASUS TUF DASH F15
Processor	Intel® Core™ i7-12650H processor
Graphics	Up to NVIDIA® GeForce RTX™ 3070 Laptop GPU 8GB GDDR6
OS	Windows 11 Home
Memory	Up to 16GB DDR5-4800MHz
Storage	Up to 1TB M.2 NVMe™ PCIe 4.0 SSD
Display	15.6" FHD (1920x1080) IPS-level panel with 100% sRGB, IPS-level panel with Adaptive Sync
Keyboard	Backlit chiclet keyboard, 1.7mm travel distance, 4 hotkeys & numeric 12 keys
Audio	2-speaker system, Dolby Atmos, Hi-Res Certified, Two-Way AI Noise-Cancellation technology, Built-in array microphone
Power	76Wh
Device Lighting	N/A
Dimensions	350 (W) x 210 (D) x 19.95 - 20.8 (H) mm
Weight	2.1kg
Warranty	2-year international warranty

See more configurations [here](#)



Scan the QR code to learn more

15"/17"



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
Processor

Up to NVIDIA® GeForce
RTX™ 3050 Ti
Laptop GPU

Max TGP
140W

Up to
512GB
PCIe® 3.0

Up to
16GB 3200MHz
DDR4 RAM



NEVER MISS A MOMENT

Keep up with the pros thanks to up to a FHD 144Hz display. With G-SYNC the display's refresh rate synchronizes with the GPU's output to reduce lag, minimize stuttering, and eliminate visual tearing for ultra-smooth and lifelike gameplay. The QHD panel hits 100% of the DCI-P3 color space, reproducing colors exactly as the creator intended.

FHD
144Hz

Screen-to-body ratio
80%

NVIDIA
G-SYNC

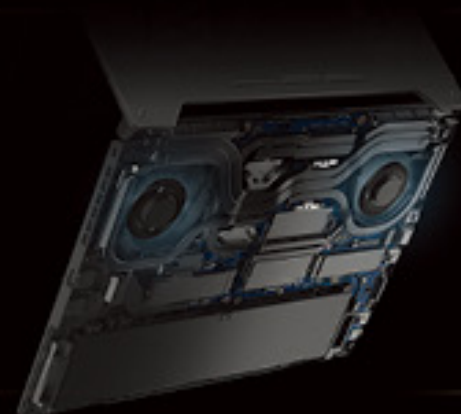
BLOW AWAY THE COMPETITION

The TUF Gaming F15/F17 are equipped to handle its high-power CPU with a pair of 84-blade Arc Flow Fans™. Our new variable thickness design has the dual benefit of increasing pressure while reducing turbulence, improving cooling performance without extra noise. When paired with up to four exhaust vents and five dedicated heatpipes, the 2023 TUF Gaming F15/F17 keeps its cool in even the most demanding games.

ARC FLOW FANS™
84 blades

Up to
5
Heatpipes

Up to
4
Exhaust Vents



TAKE CHARGE

A 90Wh battery paired with the power efficient Intel® Core™ i3-12000H processor provides ample endurance for hours of web browsing and video playback, with fast charging technology returning the machine to 50% charge in just 30 minutes.

Up to
90Wh
Battery

Rapid
TYPE-C
Charging

Model	TUF Gaming F15 (FX507)	TUF GAMING F15 (FX506)
CPU	Intel® Core™ i7-12700H Processor	Intel® Core™ i5-12500H Processor
Graphics	NVIDIA® GeForce RTX™ 3050 Ti with 4GB GDDR6	NVIDIA® GeForce RTX™ 3050 Ti with 4GB GDDR6
Operating System	Windows 11 Home	Windows 11 Home
Memory	Up to 16GB DDR4 3200MHz	Up to 16GB DDR4 3200MHz
SSD	512GB PCIe® 3.0 NVMe™ M.2 SSD	512GB PCIe® 3.0 SSD
Display	15.6" FHD 144Hz panel, 100% sRGB, IPS-level panel with G-Sync	15.6" FHD 144Hz panel, 100% sRGB, IPS-level panel with G-Sync
Keyboard	Backlit Chiclet Keyboard 1.2mm RGB	Backlit Chiclet Keyboard 1.2mm RGB
Power	140W	140W
Dimensions	354.9 (W) x 251.9 (D) x 22.45 - 24.45 (H) mm	354.9 (W) x 251.9 (D) x 22.45 - 24.45 (H) mm
Weight	2.2 kg	2.2 kg
Warranty	2 year international warranty	2 year international warranty

See more configurations on pg. 10



Scan the QR code to learn more

15"/17"



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.

Up to AMD **RYZEN™ 9 7940HS** Processor
Up to NVIDIA® GeForce **RTX™ 4070** Laptop GPU
Max TGP **140W**
Up to **1TB** PCIe® 4.0
Up to **16GB 4800MHz** DDR5 RAM



NEVER MISS A MOMENT

Keep up with the pros thanks to up to a FHD 144Hz display. With G-SYNC the display's refresh rate synchronizes with the GPU's output to reduce lag, minimize stuttering, and eliminate visual tearing for ultra-smooth and lifelike gameplay. The FHD panel hits 100% of the DCI-P3 color space, reproducing colors exactly as the creator intended.

FHD
144Hz

Screen-to-body ratio
80%

NVIDIA
G-SYNC

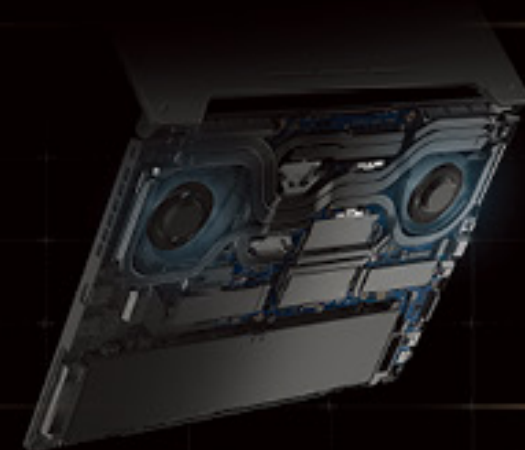
BLOW AWAY THE COMPETITION

The TUF Gaming A15/17 are equipped to handle its high-power CPU with a pair of 84-blade Arc Flow Fans™. Our new variable thickness design has the dual benefit of increasing pressure while reducing turbulence, improving cooling performance without extra noise. When paired with up to four exhaust vents and five dedicated heatpipes, the 2023 TUF Gaming A15/17 keeps its cool in even the most demanding games.

ARC FLOW FANS™
84 blades

Up to
5
Heatpipes

Up to
4
Exhaust Vents



TAKE CHARGE

A 90Wh battery paired with up to the power efficient AMD Ryzen™ 9 7940HS processor provides ample endurance for hours of web browsing and video playback, with fast charging technology returning the machine to 50% charge in just 30 minutes.

Up to
90Wh
Battery

Rapid
TYPE-C
Charging

Model	TUF Gaming A15 (FA507)
CPU	Up to AMD Ryzen™ 9 7940HS processor
Graphics	Up to NVIDIA® GeForce RTX™ 4070 Laptop GPU
Operating System	Windows 11 Home
Memory	16GB DDR5 (8000MHz)
SSD	Up to 1TB PCIe® 4.0 SSD
Display	15.6" FHD 144Hz (220 nits, 100% sRGB, IPS-level) panel with G-Sync
Keyboard	Standardized Clicker Keyboard 1.2mm RGB
Power	100W
Dimensions	354.9 (W) x 251.9 (D) x 22.45 - 24.40 (H) mm
Weight	2.2 kg
Warranty	2-year international warranty

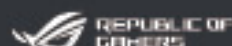
See how configurations on pg. 22



Scan the QR code to learn more



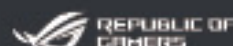
Model Name	ROG Zephyrus Duo 16 GX650PY-NM048W	ROG Zephyrus M16 GU604VY-NM061W	ROG Zephyrus M16 GU604VZ-N4055W
Processor	AMD Ryzen R9-7945HX Processor	13 th Gen Intel® Core™ i9-13900H Processor	13 th Gen Intel® Core™ i9-13900H Processor
OS	Windows 11 Home	Windows 11 Home	Windows 11 Home
Graphics Card	NVIDIA® GeForce RTX™ 4090 with 16GB	NVIDIA® GeForce RTX™ 4090 with 16GB	NVIDIA® GeForce RTX™ 4080 with 12GB
Screen Size	16" WQXGA (2560 x 1600), 16:10, 240Hz, 3ms Mini LED, ROG Nebula HDR Display ScreenPad™ Plus 14" 4K (3840 x 1100)	16" WQXGA (2560 x 1600) 16:10, 240Hz, 3ms ROG Nebula HDR Display	16" WQXGA (2560 x 1600) 16:10, 240Hz, 3ms ROG Nebula Display
Memory	32GB 4800MHz DDR5	32GB 4800MHz DDR5	32GB 4800MHz DDR5
Storage	2TB M.2 NVMe™ PCIe® 4.0 Performance SSD	2TB M.2 NVMe™ PCIe® 4.0 Performance SSD	1TB PCIe® 4.0 NVMe™ M.2 Performance SSD
Colour	Black	Off Black, AniMe Matrix version	Off Black, AniMe Matrix version
Camera	FHD 1080P Camera	FHD 1080P Camera	FHD 1080P Camera
Accessories	ROG (Backpack, Mouse), Palm rest Type C Charger, Number Pad	ROG Backpack, Type C Charger	ROG Backpack, Type C Charger
2 Year International Warranty	✓	✓	✓



Model Name	ROG Zephyrus G16 GU603VI-N3023W	ROG Zephyrus G16 GU603ZV-N4014W	ROG Zephyrus G14 GA402NJ-L4062W	ROG Zephyrus G14 GA402NJ-L4063W
Processor	13 th Gen Intel® Core™ i9-13900H Processor	Intel® Core™ i7-12700H Processor	AMD Ryzen™ R7-7735HS Processor	AMD Ryzen™ R7-7735HS Processor
OS	Windows 11 Home	Windows 11 Home	Windows 11 Home	Windows 11 Home
Graphics Card	NVIDIA® GeForce RTX™ 4070 with 8GB	NVIDIA® GeForce RTX™ 4060 with 8GB	NVIDIA® GeForce RTX™ 3050 with 6GB	NVIDIA® GeForce RTX™ 3050 with 6GB
Screen Size	16.0" WUXGA (1920 x 1200) 16:10, 165Hz, 3ms	16.0" WQXGA (2560 x 1600) 16:10, 240Hz, 3ms, ROG Nebula Display	14.0" WUXGA (1920 x 1200) 16:10, 144Hz, 3ms	14.0" WUXGA (1920 x 1200) 16:10, 144Hz, 3ms
Memory	16GB 3200MHz DDR4	16GB 4800MHz DDR5	16GB DDR5	16GB DDR5
Storage	1TB PCIe® 4.0 NVMe™ M.2 SSD	1TB PCIe® 4.0 NVMe™ M.2 SSD	512GB PCIe® 4.0 NVMe™ M.2 SSD	512GB PCIe® 4.0 NVMe™ M.2 SSD
Colour	Moonlight White	Eclipse Gray	Eclipse Gray	Moonlight White
Camera	HD 720P Camera	HD 720P Camera	FHD 1080P Camera	FHD 1080P Camera
Accessories	Type C Charger	ROG Bag, Type C Charger	Sleeve, Type C charger	Sleeve, Type C charger
2 Year International Warranty	✓	✓	✓	✓



Model Name	ROG Strix SCAR 18 G834JY-N6064W	ROG Strix SCAR 17 G733PZ-LL048W	ROG Strix SCAR 16 G634JZ-NM063W
Processor	13 th Gen Intel® Core™ i9-13980HX Processor	AMD Ryzen™ R9-7945HX Processor	13 th Gen Intel® Core™ i9-13980HX Processor
OS	Windows 11 Home	Windows 11 Home	Windows 11 Home
Graphics Card	NVIDIA® GeForce RTX™ 4090 with 16GB	NVIDIA® GeForce RTX™ 4080 with 12GB	NVIDIA® GeForce RTX™ 4080 with 12GB
Screen Size	18" WQXGA (2560 x 1600) 16:10, 240Hz, 3ms ROG Nebula Display	17.3" WQHD (2560 x 1440) 16:9, 240Hz, 3ms Screen	16.0" WQXGA (2560 x 1600) 16:10, 240Hz, 3ms Screen, ROG Nebula HDR Display
Memory	32GB 4800MHz DDR5	32GB 4800MHz DDR5	32GB 4800MHz DDR5
Storage	1TB + 1TB M.2 NVMe™ PCIe® 4.0 Performance SSD (Raid 0)	1TB PCIe® 4.0 NVMe™ M.2 Performance SSD	1TB + 1TB M.2 NVMe™ PCIe® 4.0 Performance SSD (Raid 0)
Colour	Black	Off Black	Off Black
Camera	HD 720P Camera	HD 720P Camera	HD 720P Camera
Accessories	ROG backpack	ROG backpack	ROG backpack, Support NumberPad
2 Year International Warranty	✓	✓	✓



Model Name	ROG Flow X16 GV601VV-NL030W	ROG Flow Z13 GZ301VU-MU006W	ROG Zephyrus G14 GA402RJ-L4211W	ROG Zephyrus G14 GA402RJ-L8170W
Processor	13 th Gen Intel® Core™ i9-13900H Processor	13 th Gen Intel® Core™ i9-13900H Processor	AMD Ryzen™ 7 6800HS Processor	AMD Ryzen™ 7 6800HS Processor
OS	Windows 11 Home	Windows 11 Home	Windows 11 Home	Windows 11 Home
Graphics Card	NVIDIA® GeForce RTX™ 4060 with 8GB	NVIDIA® GeForce RTX™ 4060 with 6GB	AMD Radeon™ RX 6700S with 8GB	AMD Radeon™ RX 6700S with 8GB
Screen Size	16.0" WQXGA (2560 x 1600) 16:10, 240Hz, 3ms Touch Screen ROG Nebula HDR Display	13.4" WQXGA (2560 x 1600), 16:10, 165Hz, 3ms Touch Screen ROG Nebula Display	14.0" WUXGA (1920 x 1200) 16:10, 144Hz, 3ms	14.0" WQXGA (2560 x 1600) 16:10, 120Hz, 3ms ROG Nebula Display
Memory	16GB 4800MHz DDR5	16GB LPDDR5	16GB DDR5	16GB DDR5
Storage	1TB PCIe® 4.0 NVMe™ M.2 SSD	1TB PCIe® 4.0 NVMe™ M.2 SSD	512GB PCIe® 4.0 NVMe™ M.2 SSD	1TB PCIe® 4.0 NVMe™ M.2 SSD
Colour	Off Black	Black	Moonlight White AniMe Matrix version	Eclipse Gray AniMe Matrix version
Camera	FHD 1080P Camera	13MP camera and 5MP IR camera	HD 720P Camera	HD 720P Camera
Accessories	ROG backpack, ASUS Pen, Type C charger	ROG Flow Sleeve, ASUS Pen Type C Charger	Sleeve, Type C charger	Sleeve, Type C charger
2 Year International Warranty	✓	✓	✓	✓



Model Name	ROG Strix G16 G614JI-N4091W	ROG Strix G16 G614JV-N4115W	ROG Strix G16 G614JU-N4098W
Processor	Intel® Core™ i7-13650HX Processor	Intel® Core™ i7-13650HX Processor	Intel® Core™ i7-13650HX Processor
OS	Windows 11 Home	Windows 11 Home	Windows 11 Home
Graphics Card	NVIDIA® GeForce RTX™ 4070 with 8GB	NVIDIA® GeForce RTX™ 4060 with 8GB	NVIDIA® GeForce RTX™ 4050 with 6GB
Screen Size	16.0" WQXGA (2560 x 1600) 16:10, 240Hz, 3ms Screen, ROG Nebula Display	16.0" WQXGA (2560 x 1600) 16:10, 240Hz, 3ms Screen, ROG Nebula Display	16.0" WQXGA (2560 x 1600) 16:10, 240Hz, 3ms Screen, ROG Nebula Display
Memory	16GB 4800Mhz DDR5	32GB 4800Mhz DDR5	16GB 4800Mhz DDR5
Storage	1TB PCIe® 4.0 NVMe™ M.2 SSD	1TB PCIe® 4.0 NVMe™ M.2 SSD	1TB PCIe® 4.0 NVMe™ M.2 SSD
Colour	Eclipse Gray	Eclipse Gray	Eclipse Gray
Camera	HD 720P Camera	HD 720P Camera	HD 720P Camera
Accessories	Support NumberPad	Support NumberPad	Support NumberPad
2 Year International Warranty	✓	✓	✓



Model Name	ROG Strix G17 G713PI-LL032W	ROG Strix G17 G713RC-HX040W	ROG Strix G15 G513RC-HN013W
Processor	AMD Ryzen™ R9-7945HX Processor	AMD Ryzen™ 7 6800H Processor	AMD Ryzen™ 7 6800H Processor
OS	Windows 11 Home	Windows 11 Home	Windows 11 Home
Graphics Card	NVIDIA® GeForce RTX™ 4070 with 8GB	NVIDIA® GeForce RTX™ 3050 with 4GB	NVIDIA® GeForce RTX™ 3050 with 4GB
Screen Size	17.3" WQHD (2560 x 1440) 16:9, 240Hz, 3ms	17.3" FHD (1920 x 1080) 16:9, 144Hz	15.6" FHD (1920 x 1080) 16:9, 144Hz
Memory	32GB 4800mhz DDR5	16GB 4800mhz DDR5	16GB 4800mhz DDR5
Storage	1TB PCIe® 4.0 NVMe™ M.2 SSD	1TB PCIe® 4.0 NVMe™ M.2 SSD	1TB PCIe® 4.0 NVMe™ M.2 SSD
Colour	Eclipse Gray	Eclipse Gray	Eclipse Gray
Camera	HD 720P Camera	N/A	N/A
Accessories	N/A	N/A	N/A
2 Year International Warranty	✓	✓	✓



TUF GAMING



Model Name	ASUS TUF Dash F15 FX517ZR-HN028W	ASUS TUF Dash F15 FX517ZE-HN068W	ASUS TUF Gaming F17 FX706HF-HX013W	ASUS TUF Gaming F15 FX507ZC4-HN002W
Processor	Intel® Core™ i7-12650H Processor	Intel® Core™ i7-12650H Processor	Intel® Core™ i5-11400H Processor	Intel® Core™ i7-12700H Processor
OS	Windows 11 Home	Windows 11 Home	Windows 11 Home	Windows 11 Home
Graphics Card	NVIDIA® GeForce RTX™ 3070 with 8GB	NVIDIA® GeForce RTX™ 3050 Ti with 4GB	NVIDIA® GeForce RTX™ 2050 with 4GB	NVIDIA® GeForce RTX™ 3050 with 4GB
Screen Size	15.6" FHD (1920 x 1080) 16:9, 144Hz	15.6" FHD (1920 x 1080) 16:9, 144Hz	17.3" FHD (1920 x 1080) 16:9, 144Hz	15.6" FHD (1920 x 1080) 16:9, 144Hz
Memory	16GB 4800mhz DDR5	16GB 4800mhz DDR5	8GB 3200mhz DDR4	16GB 3200mhz DDR4
Storage	1TB PCIe® 3.0 NVMe™ M.2 SSD	512GB PCIe® 3.0 NVMe™ M.2 SSD	512GB PCIe® 3.0 NVMe™ M.2 SSD	512GB PCIe® 3.0 NVMe™ M.2 SSD
Colour	Off Black	Off Black	Graphite Black	Off Black
Camera	720P HD camera	720P HD camera	720P HD camera	720P HD camera
Accessories	N/A	N/A	N/A	N/A
2 Year International Warranty	✓	✓	✓	✓



TUF GAMING



Model Name	ASUS TUF Gaming F15 FX506HE-HN306W	ASUS TUF Gaming F15 FX506HC-HN111W	ASUS TUF Gaming F15 FX506LHB-HN323W	ASUS TUF Gaming F15 FX506HF-HN014W
Processor	Intel® Core™ i5-11400H Processor	Intel® Core™ i5-11400H Processor	Intel® Core™ i5-10300H Processor	Intel® Core™ i5-11400H Processor
OS	Windows 11 Home	Windows 11 Home	Windows 11 Home	Windows 11 Home
Graphics Card	NVIDIA® GeForce RTX™ 3050 Ti with 4GB	NVIDIA® GeForce RTX™ 3050 with 4GB	NVIDIA® GeForce GTX™ 1650 with 4GB	NVIDIA® GeForce RTX™ 2050 with 4GB
Screen Size	15.6" FHD (1920x1080) 16:9 144Hz	15.6" FHD (1920x1080) 16:9 144Hz	15.6" FHD (1920x1080) 16:9 144Hz	15.6" FHD (1920x1080) 16:9 144Hz
Memory	16GB 3200mhz DDR4	8GB 3200mhz DDR4	8GB 2933mhz DDR4	8GB 3200mhz DDR4
Storage	512GB PCIe® 3.0 NVMe™ M.2 SSD	512GB PCIe® 3.0 NVMe™ M.2 SSD	512GB PCIe® 3.0 NVMe™ M.2 SSD	512GB PCIe® 3.0 NVMe™ M.2 SSD
Colour	Bonfire Black	Graphite Black	Bonfire Black	Graphite Black
Color	720P HD camera	720P HD camera	720P HD camera	720P HD camera
Accessories	N/A	N/A	N/A	N/A
2 Year International Warranty	✓	✓	✓	✓



TUF GAMING



Model Name	TUF Gaming A16 Advantage Edition FA617NS-N3002W	TUF Gaming A16 Advantage Edition FA617NS-N3005W	ASUS TUF Gaming A15 FA506IHRB-HN080W
Processor	AMD Ryzen™ R7-7735HS Processor	AMD Ryzen™ R7-7735HS Processor	AMD Ryzen™ 5 4600H Processor
OS	Windows 11 Home	Windows 11 Home	Windows 11 Home
Graphics Card	AMD Radeon™ RX 7600S with 8GB	AMD Radeon™ RX 7600S with 8GB	NVIDIA® GeForce GTX 1650 with 4GB
Screen Size	16.0" WUXGA (1920x1200) 16:10, 165Hz, 7ms	16.0" WUXGA (1920x1200) 16:10, 165Hz, 7ms	15.6" FHD (1920x1080) 16:9, 144Hz
Memory	16GB 4800mhz DDR5	16GB 4800mhz DDR5	8GB 3200mhz DDR4
Storage	512GB PCIe® 4.0 NVMe™ M.2 SSD	512GB PCIe® 4.0 NVMe™ M.2 SSD	512GB PCIe® 3.0 NVMe™ M.2 SSD
Colour	Off Black	Sandstorm	Graphite Black
Camera	720P HD camera	720P HD camera	720P HD camera
Accessories	N/A	N/A	N/A
2 Year International Warranty	✓	✓	✓



TUF GAMING



Model Name	ASUS TUF Gaming A15 FA507XI-LP036W	ASUS TUF Gaming A15 FA507NV-LP023W	ASUS TUF Gaming A15 FA507NU-LP031W	ASUS TUF Gaming A15 FA507RF-HN015W
Processor	AMD Ryzen™ 9 7940HS Processor	AMD Ryzen™ R7-7735HS Processor	AMD Ryzen™ R7-7735HS Processor	AMD Ryzen™ 7 6800HS Processor
OS	Windows 11 Home	Windows 11 Home	Windows 11 Home	Windows 11 Home
Graphics Card	NVIDIA® GeForce RTX™ 4070 with 8GB	NVIDIA® GeForce RTX™ 4060 with 8GB	NVIDIA® GeForce RTX™ 4060 with 6GB	NVIDIA® GeForce RTX™ 2050 with 4GB
Screen Size	15.6" FHD (1920x1080) 16:9, 144Hz	15.6" FHD (1920x1080) 16:9, 144Hz	15.6" FHD (1920x1080) 16:9, 144Hz	15.6" FHD (1920x1080) 16:9, 144Hz
Memory	16GB 4800mhz DDR5	16GB 4800mhz DDR5	16GB 4800mhz DDR5	8GB 4800mhz DDR5
Storage	1TB PCIe® 4.0 NVMe™ M.2 SSD	512GB PCIe® 4.0 NVMe™ M.2 SSD	512GB PCIe® 4.0 NVMe™ M.2 SSD	512GB PCIe® 3.0 NVMe™ M.2 SSD
Colour	Mecha Gray	Mecha Gray	Mecha Gray	Jaeger Gray
Camera	720P HD camera	720P HD camera	720P HD camera	720P HD camera
Accessories	N/A	N/A	N/A	N/A
2 Year International Warranty	✓	✓	✓	✓



TUF GAMING

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WE NEED YOU FAN CLUB

A cartoon illustration of a tan-colored fist with a determined expression, pointing towards the viewer. It is positioned over the word 'YOU' in the main title.

ASUS MIDDLE EAST

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