AMD RYZEN 7000 Series

ASUS ROG STRIX SCAR 17

POWERED BY AMD RYZEN™ 7000 SERIES PROCESSORS

2023

Reach the pinnacle of Windows 11 Pro gaming with the 2023 Strix SCAR 17, with up to an AMD Ryzen™ 9 7945HX processor for extreme performance.

Highlights

PURE SPEED WITH AMD RYZEN™ PROCESSORS
- Power through any game or project with the flagship AMD Ryzen™ 9 7945HX processor
- Packed with 16 high-performance cores and 32 threads to tear through demanding workloads
- Up to 80MB on-chip cache for instant gaming responsiveness

LIGHTNING FAST, CRYSTAL CLEAR
- See a clear path to victory on the 17.3" QHD 240Hz display with fantastic color and Dolby Vision HDR
- High refresh rates and 3ms response times to make lightning fast moves
- Cutting-edge gaming visuals with up to NVIDIA GeForce RTX 4090 GPU

BEAT THE HEAT
- ROG's Intelligent Cooling™ technology helps keep framerates smooth and steady even during extended gaming sessions
- Thermal Grizzly's Conductonaut Extreme liquid metal can help keep components up to 15°C cooler than traditional thermal pastes

"AMD Ryzen 9 7945HX that powers the ASUS ROG Strix Scar 17 is the **multi-threaded, mobile performance champion**, with highly competitive single-threaded performance as well."

"…Performance, fit and finish are all top-notch. If you're considering a **no compromise, high-end gaming laptop** the ASUS ROG Strix Scar 17 should absolutely be on your short list."

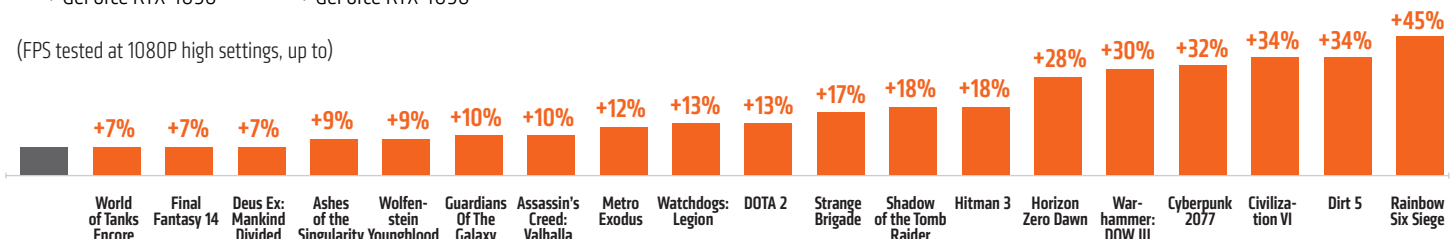"…Arguably **the most powerful laptop** currently available."

- HotHardware

EXTREME GAMING SPEED WITH THE WORLD'S FASTEST MOBILE GAMING PROCESSOR[1]

Legend:
- Core i9-13950HX + GeForce RTX 4090
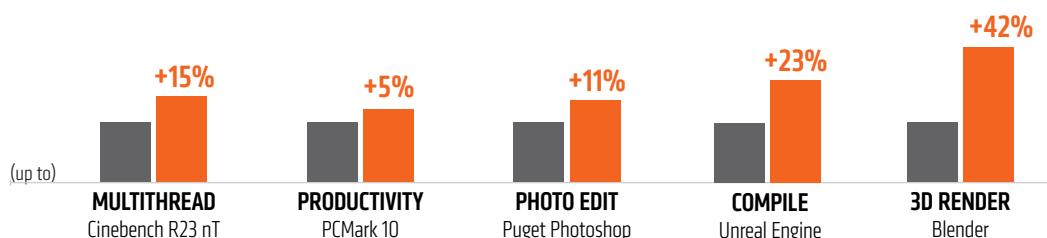- Ryzen™ 9 7945HX + GeForce RTX 4090

(FPS tested at 1080P high settings, up to)

Game	Improvement
World of Tanks Encore	+7%
Final Fantasy 14	+7%
Deus Ex: Mankind Divided	+7%
Ashes of the Singularity	+9%
Wolfenstein Youngblood	+9%
Guardians Of The Galaxy	+10%
Assassin's Creed: Valhalla	+10%
Metro Exodus	+12%
Watchdogs: Legion	+13%
DOTA 2	+13%
Strange Brigade	+17%
Shadow of the Tomb Raider	+18%
Hitman 3	+18%
Horizon Zero Dawn	+28%
Warhammer: DOW III	+30%
Cyberpunk 2077	+32%
Civilization VI	+34%
Dirt 5	+34%
Rainbow Six Siege	+45%

FLAGSHIP PERFORMANCE TO TACKLE ANY TASK WITH EASE[2]

Legend:
- Ryzen™ 9 7945HX + GeForce RTX 4090
- Core i9-13980HX + GeForce RTX 4090

(up to)

Task	Improvement
MULTITHREAD — Cinebench R23 nT	+15%
PRODUCTIVITY — PCMark 10	+5%
PHOTO EDIT — Puget Photoshop	+11%
COMPILE — Unreal Engine	+23%
3D RENDER — Blender	+42%

AMD

The **ASUS ROG Strix SCAR 17** powered by **AMD Ryzen™ 9 7945HX** processor brings the ultimate performance for gamers and creators:

WORLD'S FASTEST MOBILE GAMING PROCESSOR[1]

Working and playing on an AMD laptop has never felt so powerful with up to 16 cores and 32 threads of pure performance.

LEADERSHIP PROCESSOR TECHNOLOGY

Power and performance are at your fingertips with the latest 5nm "Zen 4" processor core technology from AMD.

BLAZING FAST DDR5 MEMORY

Ultra-fast memory helps make all aspects of the laptop feel snappy, from intense gaming to content creation.

ADVANCED COOLING TECHNOLOGY

ASUS ROG Intelligent Cooling™ technology is designed to help keep your cool even under extreme workloads.

CRYSTAL CLEAR SIGHT & SOUND

Never miss a moment with a brilliant 240Hz QHD display. Dolby Atmos-powered speakers create an authentic sound stage for your games.

SPECIFICATIONS

Processor
- AMD Ryzen™ 9 7945HX (16-core/32-thread, 80MB total cache, up to 5.4 GHz boost[3])

Graphics
- up to Nvidia GeForce RTX 4090

Storage and Memory
- up to 2TB PCIe 4.0 SSD
- up to 64 GBGB DDR5 memory

Battery
- 90Wh
- Type-C charging, fast charge

Size
- Weight: 3.0 kg (6.61 lb)
- Dimensions: 39.5 x 28.2 x 2.34 ~ 2.83 cm (15.55" x 11.10" x 0.92" ~ 1.11")

Connectivity
- Wi-Fi 6e and Bluetooth 5.2
- up to 2.5G LAN speeds

Audio
- Smart Amp Technology
- Dolby Atmos-powered speakers
- Two-way AI noise cancellation
- Built-in array microphone

Display
- 17.3" WQHD (2560x1440) 16:9
- 100% DCI-P3
- 240Hz refresh rate
- 3ms response time

I/O ports
- 1x 3.5mm Combo Audio Jack
- 1x HDMI 2.1 FRL
- 2x USB 3.2 Gen 1 Type-A
- 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC
- 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / G-SYNC
- 1x 2.5G LAN port

FOOTNOTES:

1. DRG-10 Based on testing by AMD as of 3/7/2023. Testing results demonstrated in 31 games at 1080p, high settings. Configuration for Ryzen™ 9 7945HX system: ASUS Strix Scar 17 configured with 32GB (2x16GB) DDR5, 1TB SSD, GeForce RTX 4090 Graphics, Windows® 11 64-bit. Configuration for Intel Core i9-13950HX system: 32GB (2x16GB) DDR5, 1TB SSD, GeForce RTX 4090 Graphics, Windows 11 64-bit. System manufactucturers may vary configurations, yielding different results. Performance may vary.

2. DRG-11 Based on testing by AMD as of 3/7/2023. Testing results demonstrated in Cinebench R23 nT, Puget Photoshop, Compile (Unreal Engine), PCMark Express, 3DMark Physics, Blender (CPU). Configuration for Ryzen™ 9 7945HX system: ASUS Strix Scar 17 configured with 32GB (2x16GB) DDR5, 1TB SSD, GeForce RTX 4090 Graphics, Windows® 11 64-bit. Configuration for Intel Core i9-13980HX system: 32GB (2x16GB) DDR5, 1TB SSD, GeForce RTX 4080 Graphics,, Windows® 11 64-bit.System manufacturers may vary configurations, yielding different results. Performance may vary.

3. GD-150 Max boost for AMD Ryzen processors is the maximum frequency achievable by a single core on the processor running a bursty single-threaded workload. Max boost will vary based on several factors, including, but not limited to: thermal paste; system cooling; motherboard design and BIOS; the latest AMD chipset driver; and the latest OS updates.

AMD