



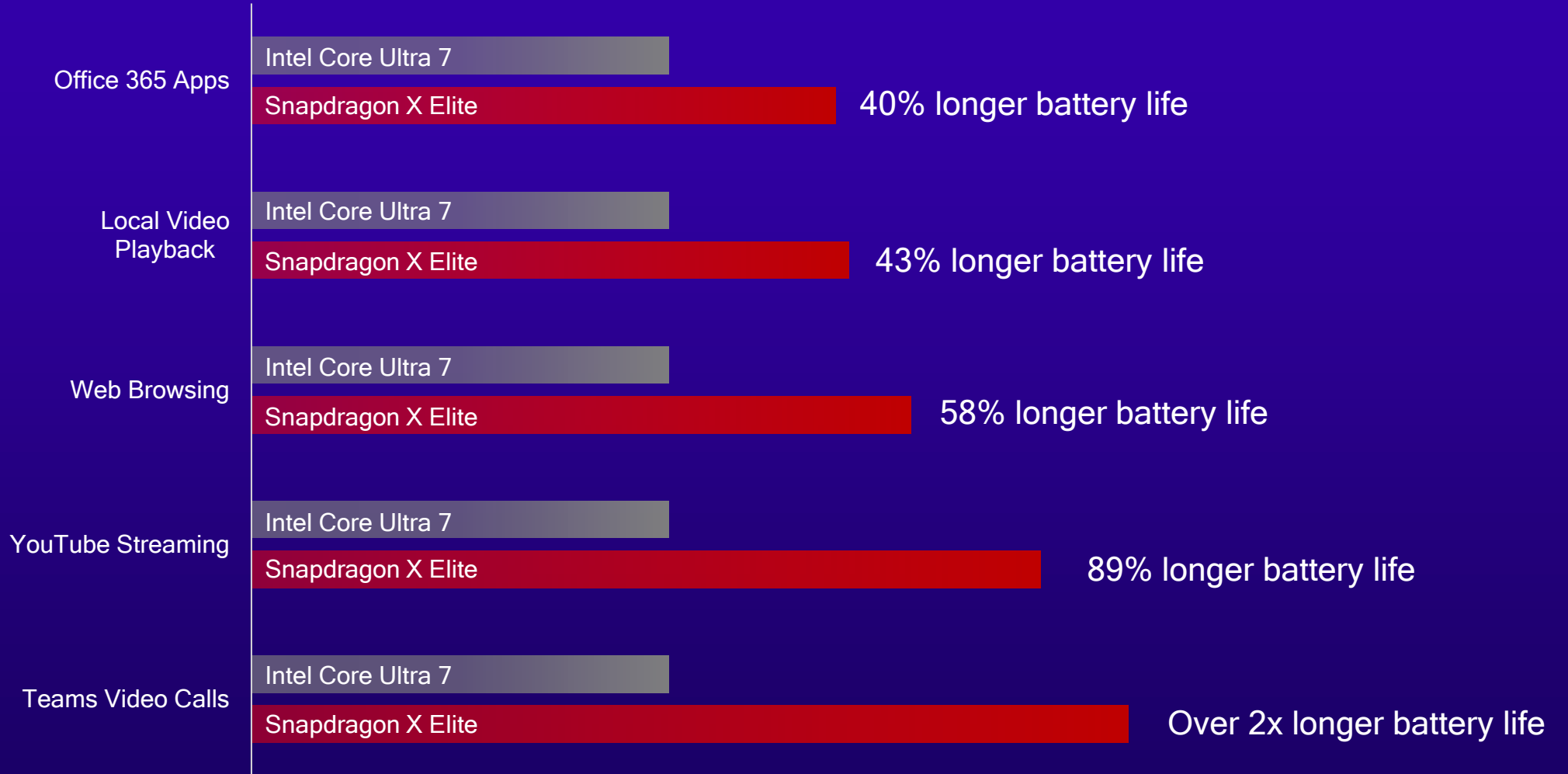
# SNAPDRAGON<sup>®</sup> X SERIES PROCESSORS

Overview presentation

# BENCHMARKS



# Breakthrough in Battery Life



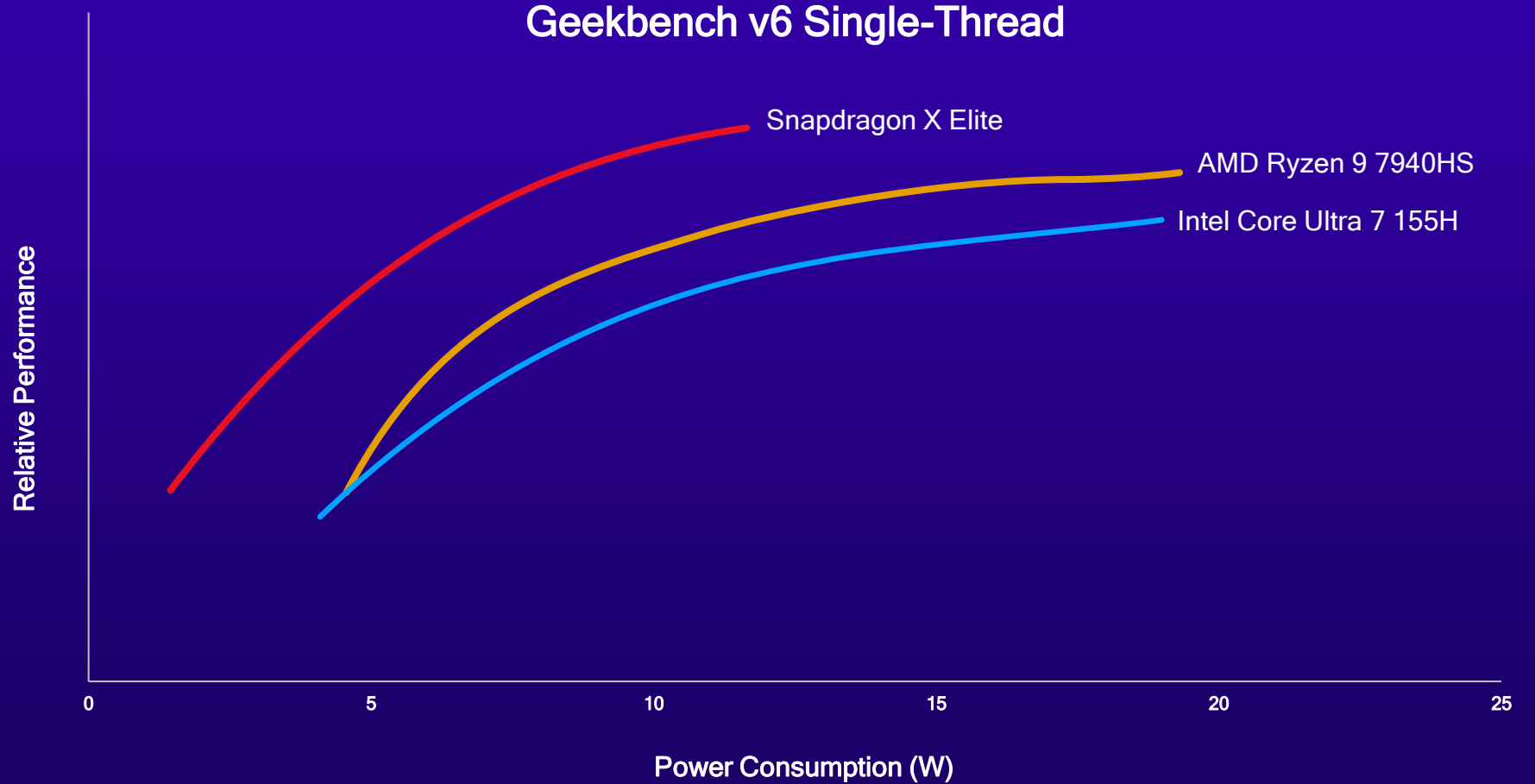
Snapdragon X Elite was tested using a Qualcomm reference design on Windows 11 OS. The Intel Core Ultra 7 155H (16 core) was tested using an Asus Zenbook 14 OLED (UX3405) laptop on Windows 11. Power and performance comparison reflects results based on measurements and hardware instrumentation of given devices.



SNAPDRAGON X ELITE

# Best-in-Class CPU

Single-Threaded Performance



CPU Performance is based on Geekbench v6.2 Single-Thread on Windows 11 OS run in March 2024. Snapdragon X Elite was tested using a Qualcomm reference design on Windows 11 OS. The Intel Core Ultra 7 155H (16 core) and Intel Core Ultra 9 185H (16 core) were tested using an Asus Zenbook 14 OLED (UX3405) laptop and Asus ROG Zephyrus G16 laptop, respectively on Windows 11. Maximum performance reflected by Intel Core Ultra 7 155H and Intel Core Ultra 9 185H represent maximum achievable results in given platforms under unconstrained PL1/PL2 settings and no thermal limitations. Power and performance comparison reflects results based on measurements and hardware instrumentation of given devices.

SNAPDRAGON X ELITE

# Best-in-Class CPU

Single-Threaded Performance

Up to

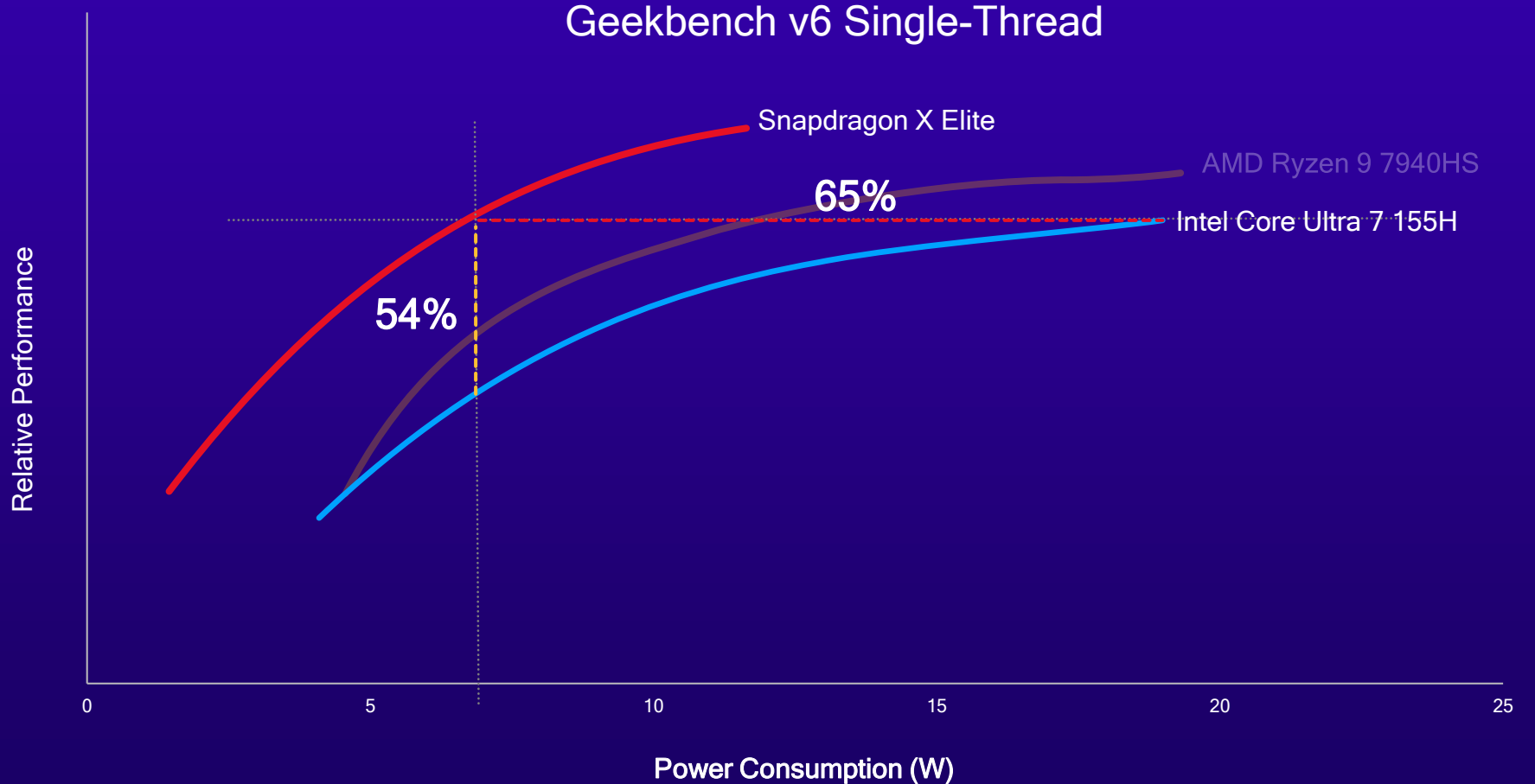
# 54%

faster CPU performance  
vs. competition at ISO power

Matches competitor  
peak PC performance at

# 65%

less power

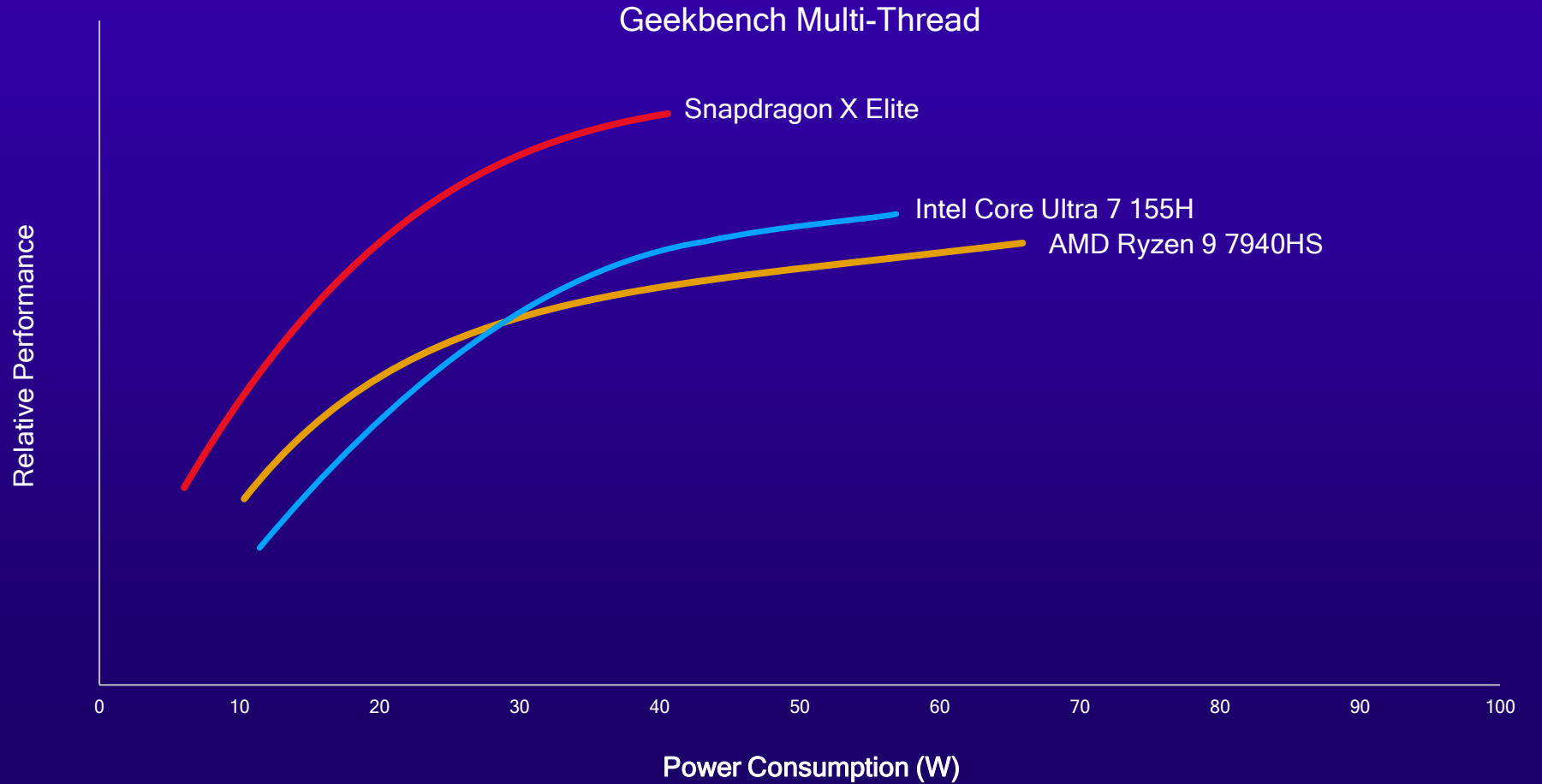


CPU Performance is based on Geekbench v6.2 Single-Thread on Windows 11 OS run in March 2024. Snapdragon X Elite was tested using a Qualcomm reference design on Windows 11 OS. The Intel Core Ultra 7 155H (16 core) and Intel Core Ultra 9 185H (16 core) were tested using an Asus Zenbook 14 OLED (UX3405) laptop and Asus ROG Zephyrus G16 laptop, respectively on Windows 11. Maximum performance reflected by Intel Core Ultra 7 155H and Intel Core Ultra 9 185H represent maximum achievable results in given platforms under unconstrained PL1/PL2 settings and no thermal limitations. Power and performance comparison reflects results based on measurements and hardware instrumentation of given devices.

SNAPDRAGON X ELITE

# Best-in-Class CPU

Multi-Threaded Performance



CPU Performance is based on Geekbench v6.2 Multi-Thread on Windows 11 OS run in March 2024. Snapdragon X Elite was tested using a Qualcomm reference design on Windows 11 OS. The Intel Core Ultra 7 155H (16 core) and Intel Core Ultra 9 185H (16 core) were tested using an Asus Zenbook 14 OLED (UX3405) laptop and Asus ROG Zephyrus G16 laptop, respectively on Windows 11. Maximum performance reflected by Intel Core Ultra 7 155H and Intel Core Ultra 9 185H represent maximum achievable results in given platforms under unconstrained PL1/PL2 settings and no thermal limitations. Power and performance comparison reflects results based on measurements and hardware instrumentation of given devices.

SNAPDRAGON X ELITE

# Best-in-Class CPU

Multi-Threaded Performance

Up to

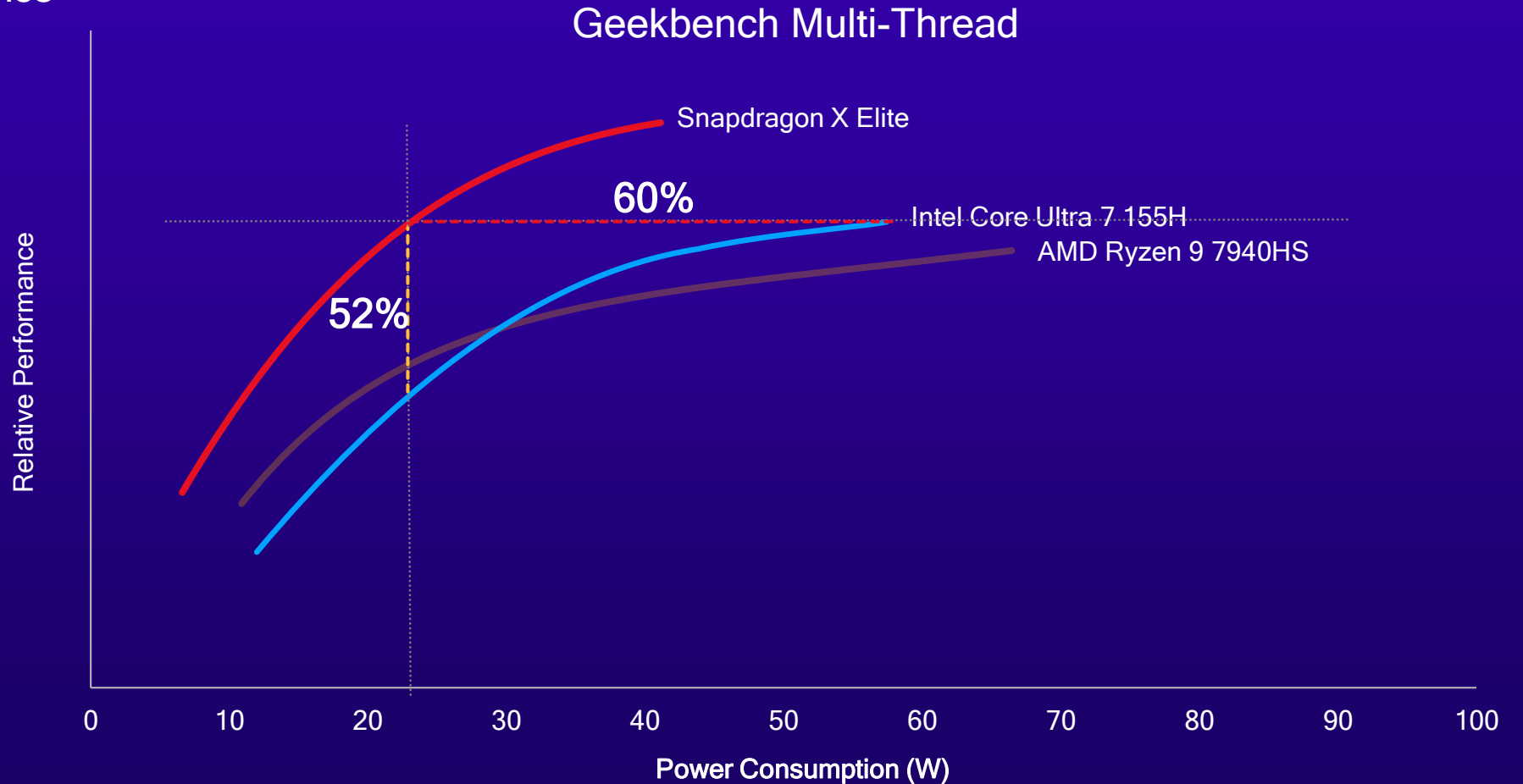
# 52%

faster CPU performance  
vs. competition at ISO power

Matches competitor  
peak PC performance at

# 60%

less power



CPU Performance is based on Geekbench v6.2 Multi-Thread on Windows 11 OS run in March 2024. Snapdragon X Elite was tested using a Qualcomm reference design on Windows 11 OS. The Intel Core Ultra 7 155H (16 core) and Intel Core Ultra 9 185H (16 core) were tested using an Asus Zenbook 14 OLED (UX3405) laptop and Asus ROG Zephyrus G16 laptop, respectively on Windows 11. Maximum performance reflected by Intel Core Ultra 7 155H and Intel Core Ultra 9 185H represent maximum achievable results in given platforms under unconstrained PL1/PL2 settings and no thermal limitations. Power and performance comparison reflects results based on measurements and hardware instrumentation of given devices.

SNAPDRAGON X ELITE

# Best-in-Class CPU

Single-Threaded Performance

Up to

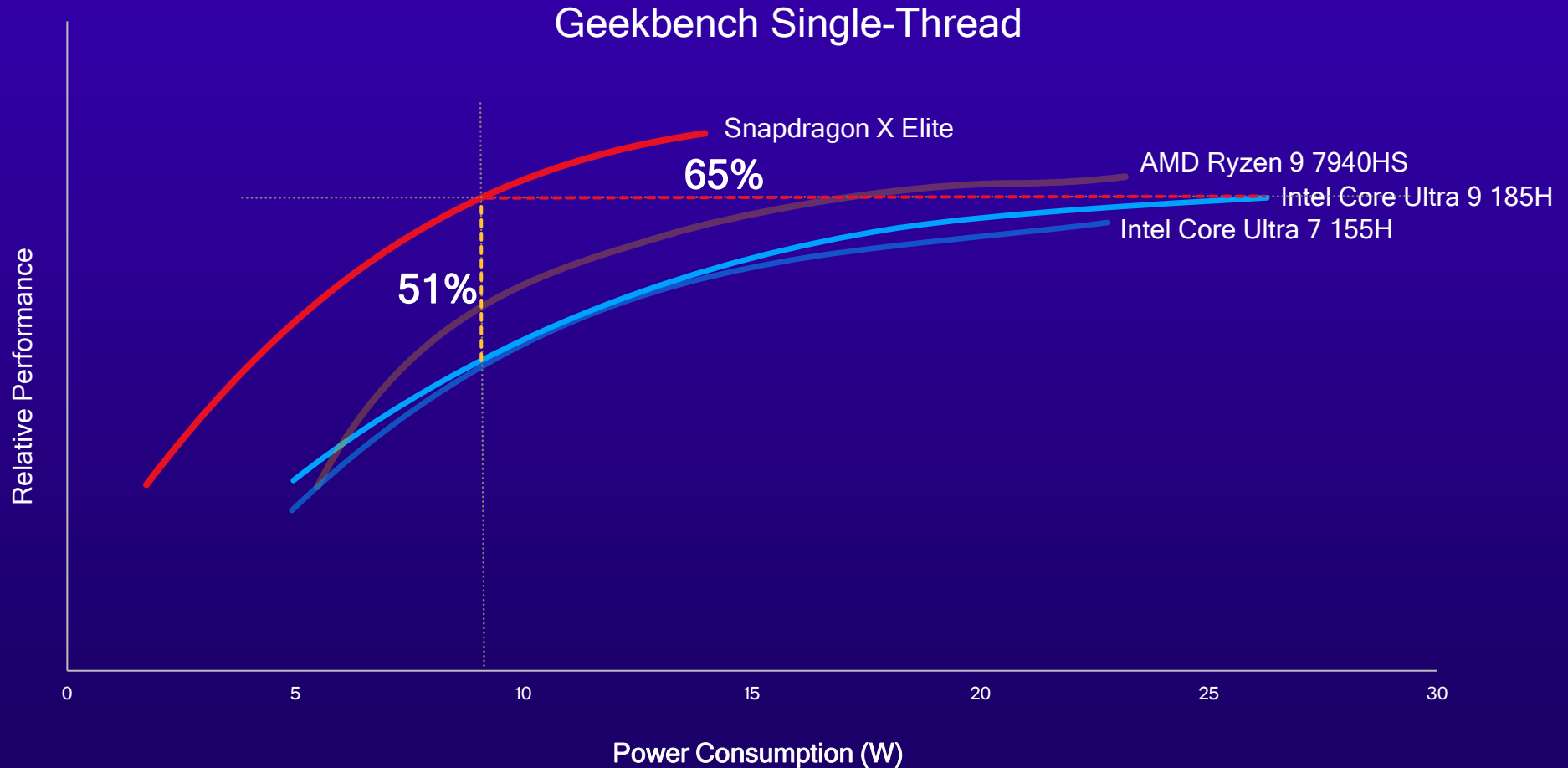
# 51%

faster CPU performance  
vs. competition at ISO power

Matches competitor  
peak PC performance at

# 65%

less power



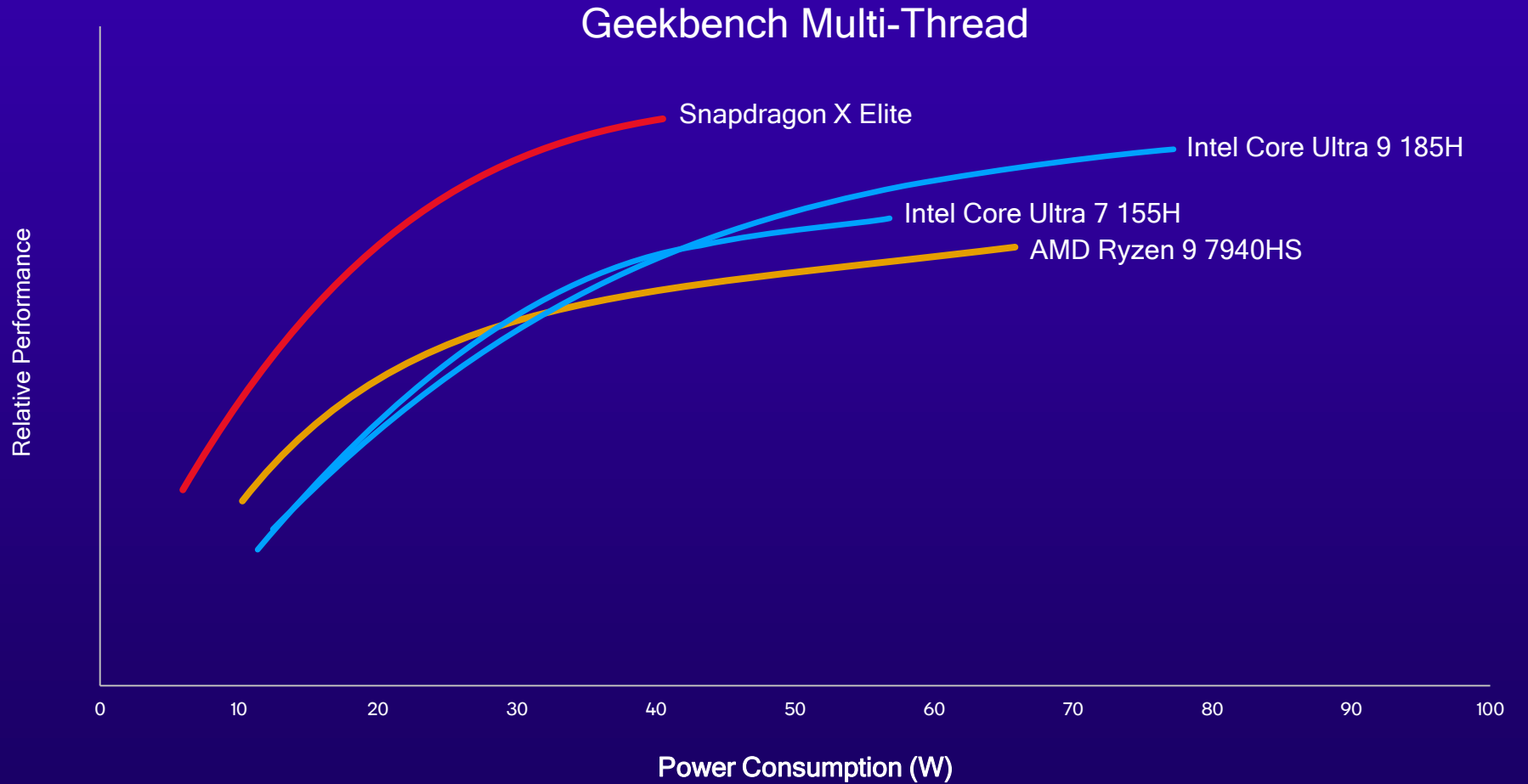
CPU Performance is based on Geekbench v6.2 Single-Thread on Windows 11 OS run in March 2024. Snapdragon X Elite was tested using a Qualcomm reference design on Windows 11 OS. The Intel Core Ultra 7 155H (16 core) and Intel Core Ultra 9 185H (16 core) were tested using an Asus Zenbook 14 OLED (UX3405) laptop and Asus ROG Zephyrus G16 laptop, respectively on Windows 11. Maximum performance reflected by Intel Core Ultra 7 155H and Intel Core Ultra 9 185H represent maximum achievable results in given platforms under unconstrained PL1/PL2 settings and no thermal limitations. Power and performance comparison reflects results based on measurements and hardware instrumentation of given devices.



SNAPDRAGON X ELITE

# Best-in-Class CPU

Multi-Threaded Performance



CPU Performance is based on Geekbench v6.2 Multi-Thread on Windows 11 OS run in March 2024. Snapdragon X Elite was tested using a Qualcomm reference design on Windows 11 OS. The Intel Core Ultra 7 155H (16 core) and Intel Core Ultra 9 185H (16 core) were tested using an Asus Zenbook 14 OLED (UX3405) laptop and Asus ROG Zephyrus G16 laptop, respectively on Windows 11. Maximum performance reflected by Intel Core Ultra 7 155H and Intel Core Ultra 9 185H represent maximum achievable results in given platforms under unconstrained PL1/PL2 settings and no thermal limitations. Power and performance comparison reflects results based on measurements and hardware instrumentation of given devices.

SNAPDRAGON X ELITE

# Best-in-Class CPU

Multi-Threaded Performance

Up to

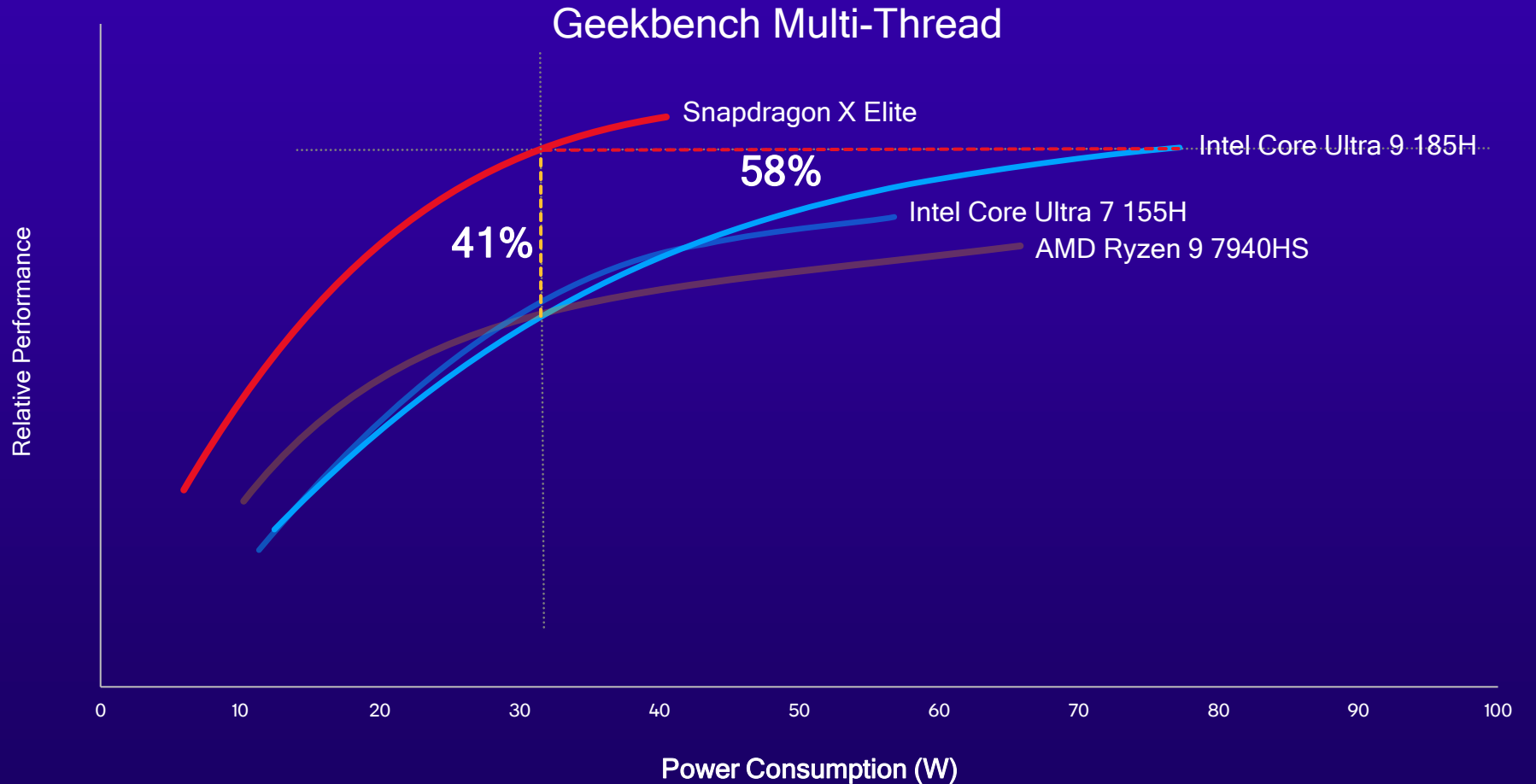
# 41%

faster CPU performance  
vs. competition at ISO power

Matches competitor  
peak PC performance at

# 58%

less power



CPU Performance is based on Geekbench v6.2 Multi-Thread on Windows 11 OS run in March 2024. Snapdragon X Elite was tested using a Qualcomm reference design on Windows 11 OS. The Intel Core Ultra 7 155H (16 core) and Intel Core Ultra 9 185H (16 core) were tested using an Asus Zenbook 14 OLED (UX3405) laptop and Asus ROG Zephyrus G16 laptop, respectively on Windows 11. Maximum performance reflected by Intel Core Ultra 7 155H and Intel Core Ultra 9 185H represent maximum achievable results in given platforms under unconstrained PL1/PL2 settings and no thermal limitations. Power and performance comparison reflects results based on measurements and hardware instrumentation of given devices.

QUALCOMM ORYON CPU

**Faster  
than leading  
Arm-compatible  
competitor**

Multi-threaded CPU performance

Snapdragon X Elite

15,610

M3

12,154

CPU Peak Performance is based on the geometric mean of 100 runs with 60 seconds in between runs utilizing Geekbench v6.2.0 in March 2024. Qualcomm Oryon was tested using a Qualcomm laptop reference design running Windows 11 OS.

SNAPDRAGON X ELITE

# Best-in-Class GPU

Performance



CPU Performance is based on 3DMark WildLife Extreme on Windows 11 OS run in March 2024. Snapdragon X Elite and Snapdragon X Plus were tested using a Qualcomm reference design on Windows 11 OS. The Intel Core Ultra 7 155H (16 core) and Intel Core Ultra 9 185H (16 core) were tested using an Asus Zenbook 14 OLED (UX3405) laptop and Asus ROG Zephyrus G16 laptop, respectively on Windows 11. Maximum performance reflected by Intel Core Ultra 7 155H and Intel Core Ultra 9 185H represent maximum achievable results in given platforms under unconstrained PL1/PL2 settings and no thermal limitations. Power and performance comparison reflects results based on measurements and hardware instrumentation of given devices.

SNAPDRAGON X ELITE

# Best-in-Class GPU

Performance

Up to

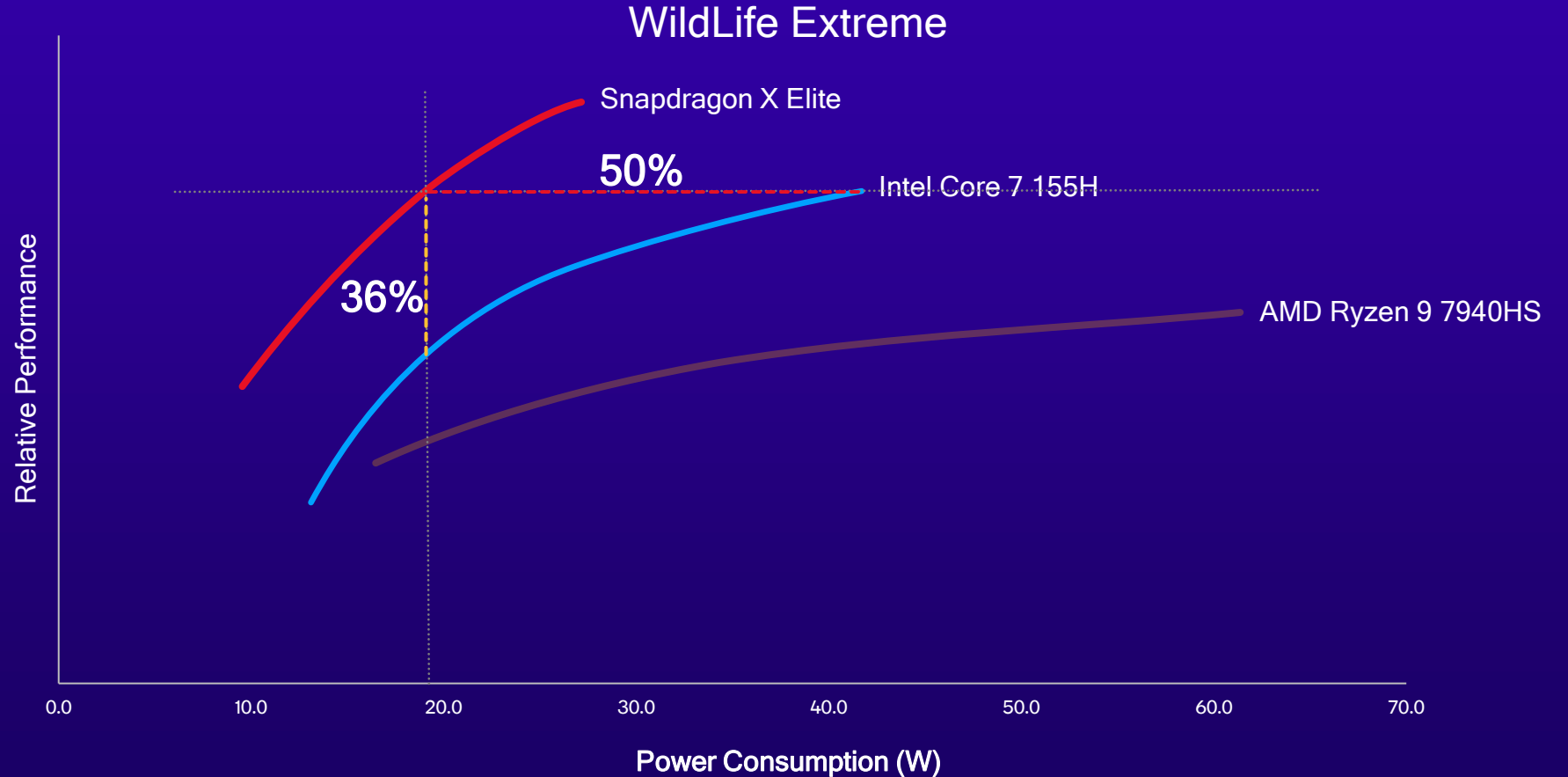
# 36%

faster GPU performance  
vs. competition at ISO power

Matches competitor  
peak PC performance at

# 50%

less power



CPU Performance is based on 3DMark WildLife Extreme on Windows 11 OS run in March 2024. Snapdragon X Elite and Snapdragon X Plus were tested using a Qualcomm reference design on Windows 11 OS. The Intel Core Ultra 7 155H (16 core) and Intel Core Ultra 9 185H (16 core) were tested using an Asus Zenbook 14 OLED (UX3405) laptop and Asus ROG Zephyrus G16 laptop, respectively on Windows 11. Maximum performance reflected by Intel Core Ultra 7 155H and Intel Core Ultra 9 185H represent maximum achievable results in given platforms under unconstrained PL1/PL2 settings and no thermal limitations. Power and performance comparison reflects results based on measurements and hardware instrumentation of given devices.



# THANK YOU



Follow us on:       

For more information, visit us at:

[snapdragon.com](https://www.snapdragon.com) & [snapdragoninsiders.com](https://www.snapdragoninsiders.com)

All data and information contained in or disclosed by this document is confidential and proprietary information of Qualcomm Technologies, Inc. and/or its affiliated companies and all rights therein are expressly reserved. By accepting this material the recipient agrees that this material and the information contained therein will not be used, copied, reproduced in whole or in part, nor its contents revealed in any manner to others without the express written permission of Qualcomm Technologies, Inc. Nothing in these materials is an offer to sell any of the components or devices referenced herein.

© Qualcomm Technologies, Inc. and/or its affiliated companies.  
All Rights Reserved.

Qualcomm, Snapdragon, Snapdragon Elite Gaming, Snapdragon Sight, Snapdragon Sound, Snapdragon Spaces, Snapdragon Ride, Adreno, Qualcomm Oryon, Hexagon, Snapdragon Seamless, and FastConnect are trademarks or registered trademarks of Qualcomm Incorporated. aptX is a trademark or registered trademark of Qualcomm Technologies International, Ltd.

References in this presentation to “Qualcomm” may mean Qualcomm Incorporated, Qualcomm Technologies, Inc., and/or other subsidiaries or business units within the Qualcomm corporate structure, as applicable. Qualcomm Incorporated includes our licensing business, QTL, and the vast majority of our patent portfolio. Qualcomm Technologies, Inc., a subsidiary of Qualcomm Incorporated, operates, along with its subsidiaries, substantially all of our engineering, research and development functions, and substantially all of our products and services businesses, including our QCT semiconductor business.

Snapdragon and Qualcomm branded products are products of Qualcomm Technologies, Inc. and/or its subsidiaries. Qualcomm patented technologies are licensed by Qualcomm Incorporated.