



Qualcomm
snapdragon



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Hawaiian word of the day

‘oli

Hawaiian word of the day

‘oli = joy

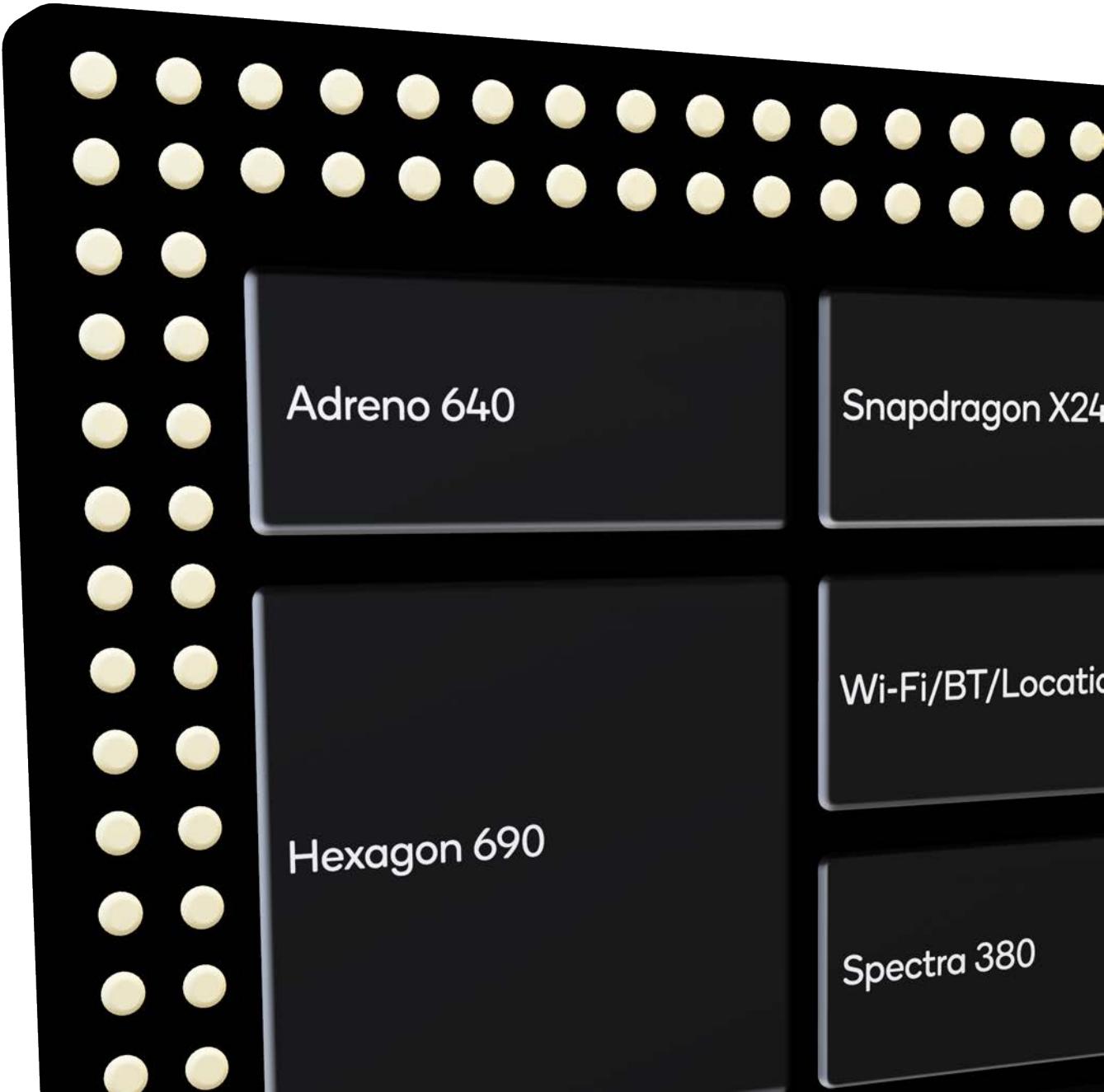


Games
bring us
joy!



Qualcomm
snapdragon
Elite Gaming

Elite Gaming Experiences on Snapdragon 855



Vulkan 1.1

First for mobile
gaming

20% lower power
than Open GL ES

Games get closer
to the GPU

Enhanced Realism





Physically Based Rendering (PBR)

Allows the Adreno 640 GPU to cut through demanding physically based rendering workloads with ease

Up to 20% performance increase



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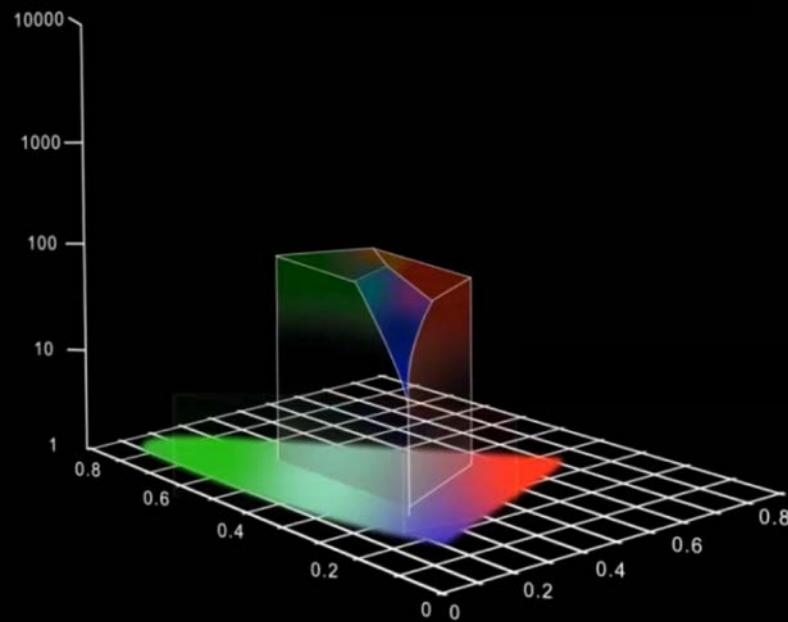
UNREAL
ENGINE

PBR

OFF

POST PROCESSING

OFF



True HDR Rendering and Display First on Mobile

10-bit
Color Depth

Rec 2020
Color Gamut

64x More
Shades of Color

Over 1 Billion
Shades of Color



Cinematic Post Processing

Improved Adreno 640 bandwidth compression and shader processing

Enables complex cinematic color grading, depth of field, filmic tone-mapping and HDR display

Snapdragon Elite Gaming

Game Jank Reducer

Game Anti-Cheat Extensions

Game Fast Loader

Game Network Latency Manager

Game Q-sync



Qualcomm® aptX™ Adaptive

Qualcomm Aqstic™

4K TV Out

XR Gaming Optimizations

Online Gaming (60GHz, 5G)

Vulkan 1.1
Graphics Driver

Physically Based
Rendering

True HDR
Rendering & Display

Cinematic Post
Processing