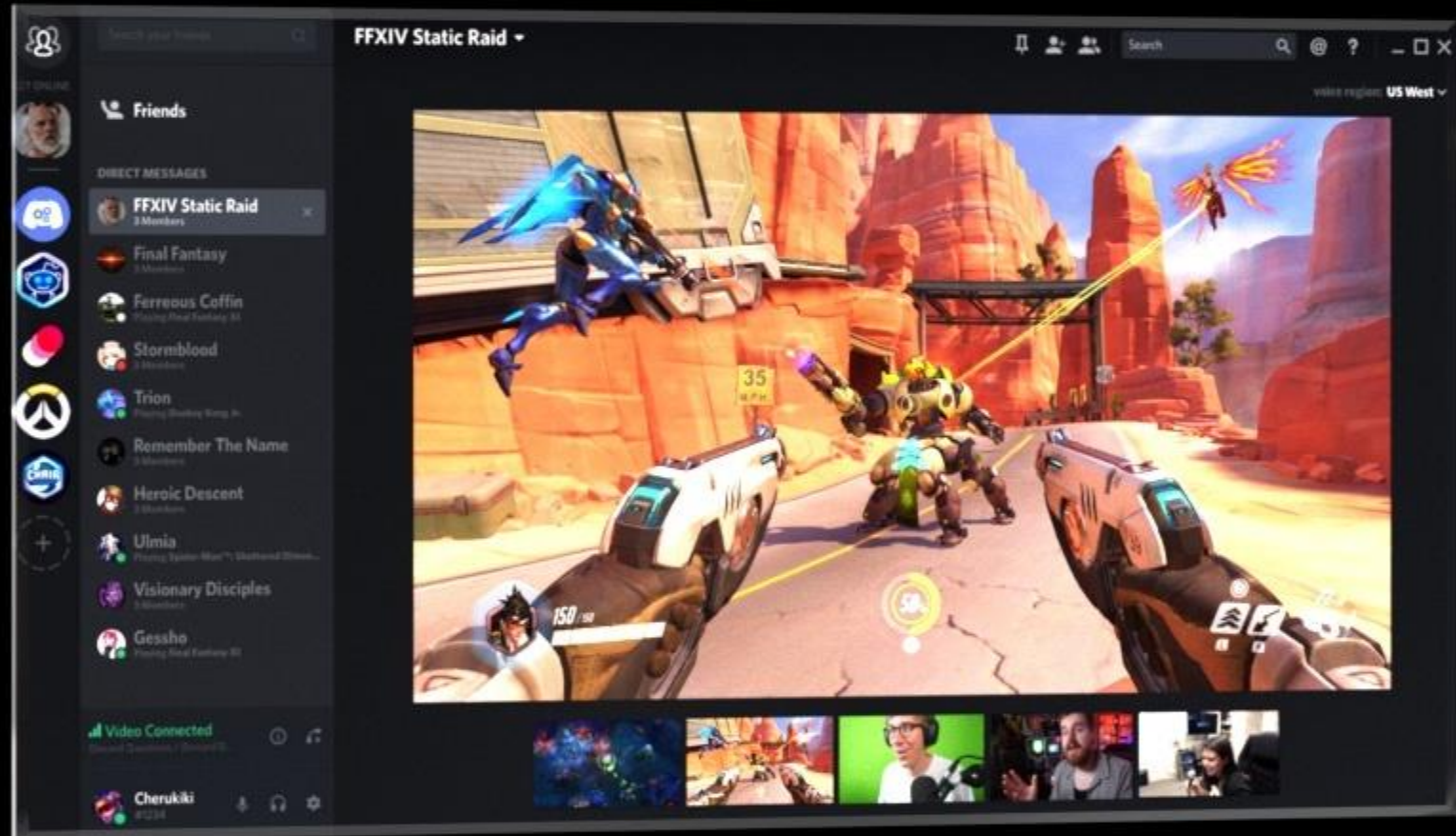
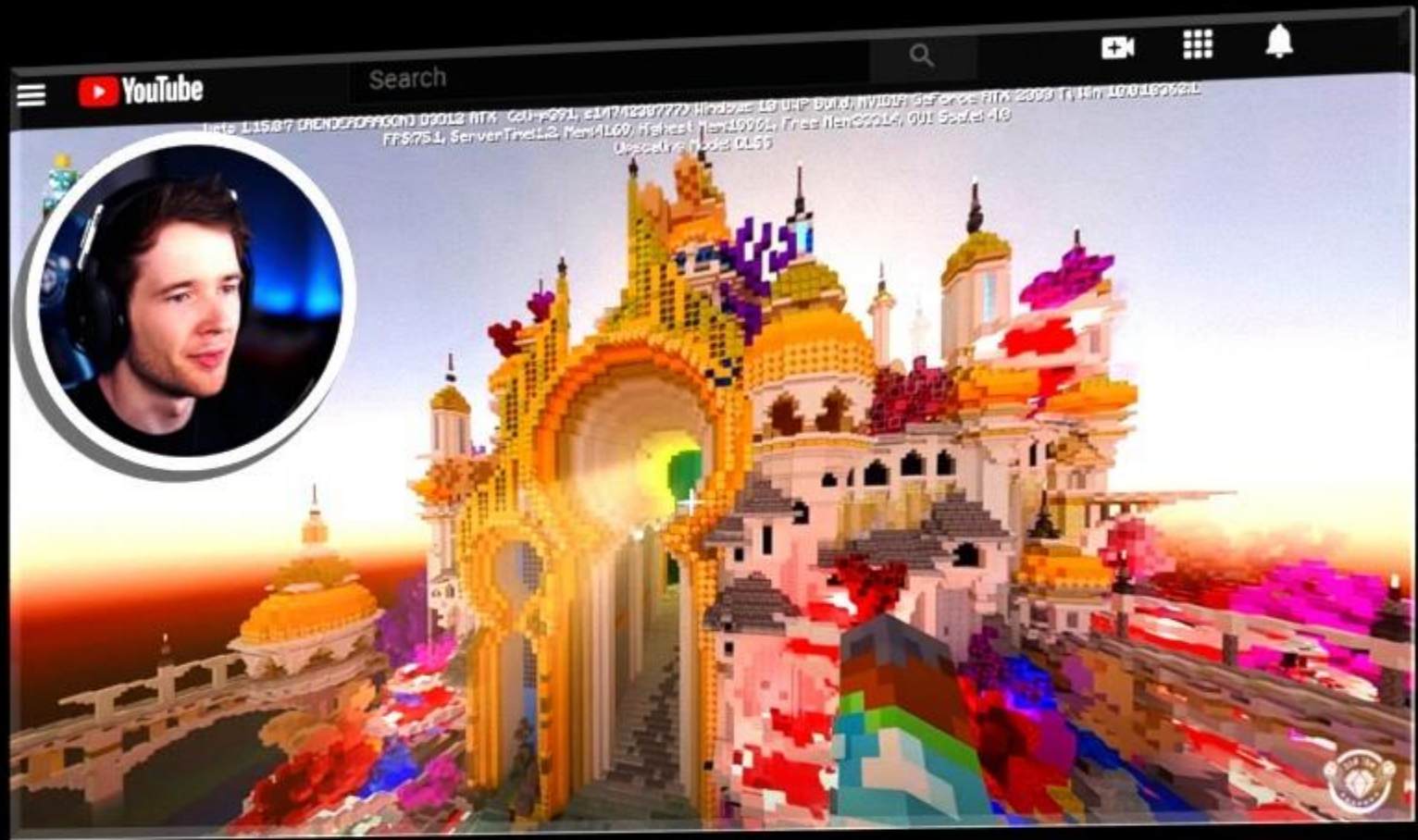




GEFORCE PC — A POWERFUL SYSTEM FOR YOUR WORKING AWAY FROM THE OFFICE



GAMING
1.5B PC Gamers

LIVE STREAMING
20M Live Streamers

CONTENT CREATION
45M Creators

ESPORTS
500M Global Audience

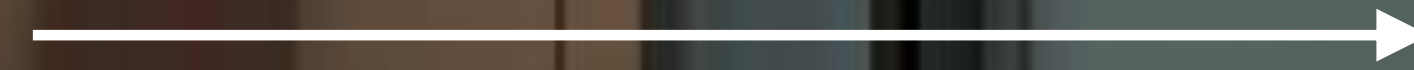


THE MATTER OF MILLISECONDS

Typical Gamer Reaction Time – 150ms

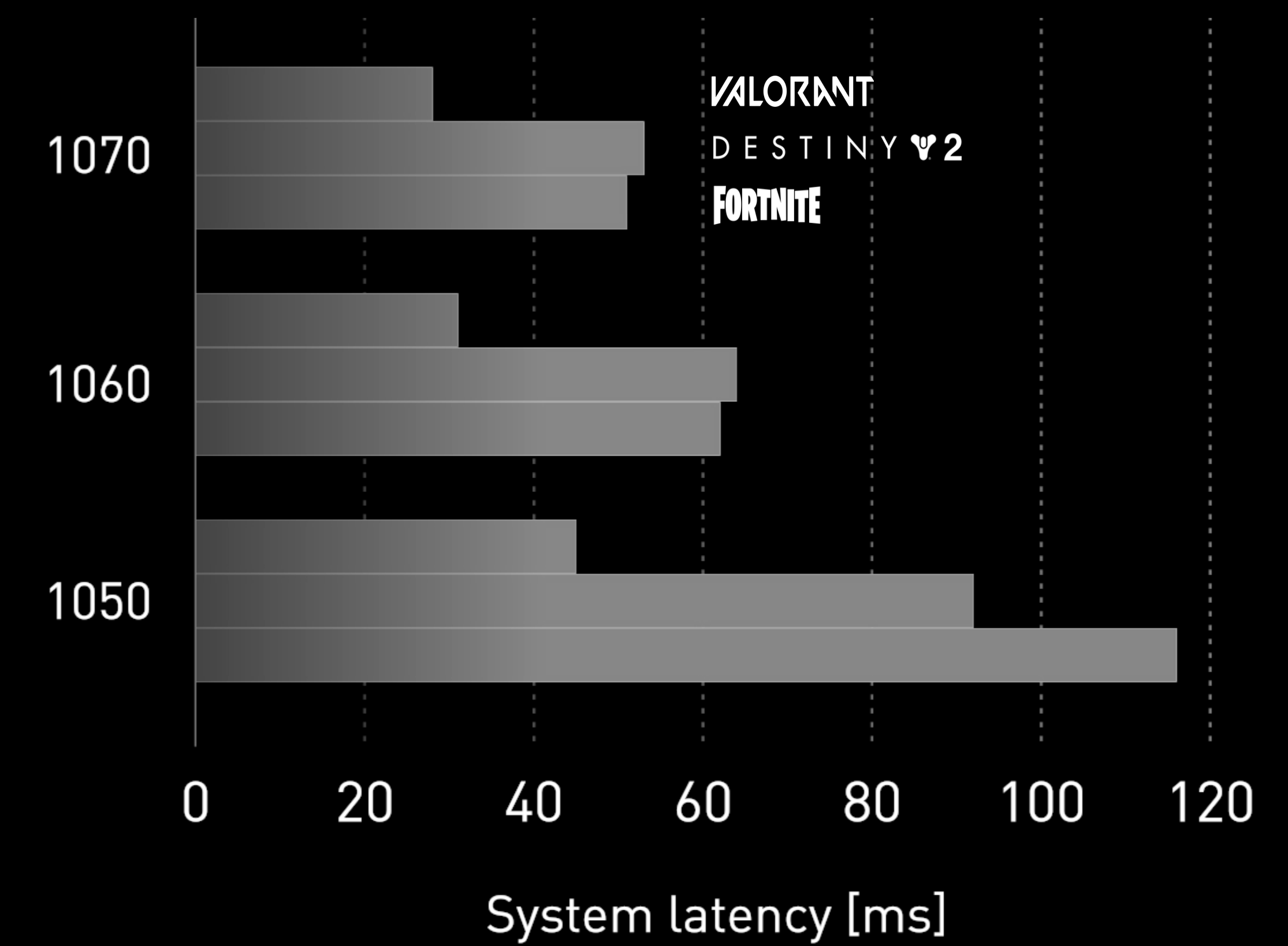
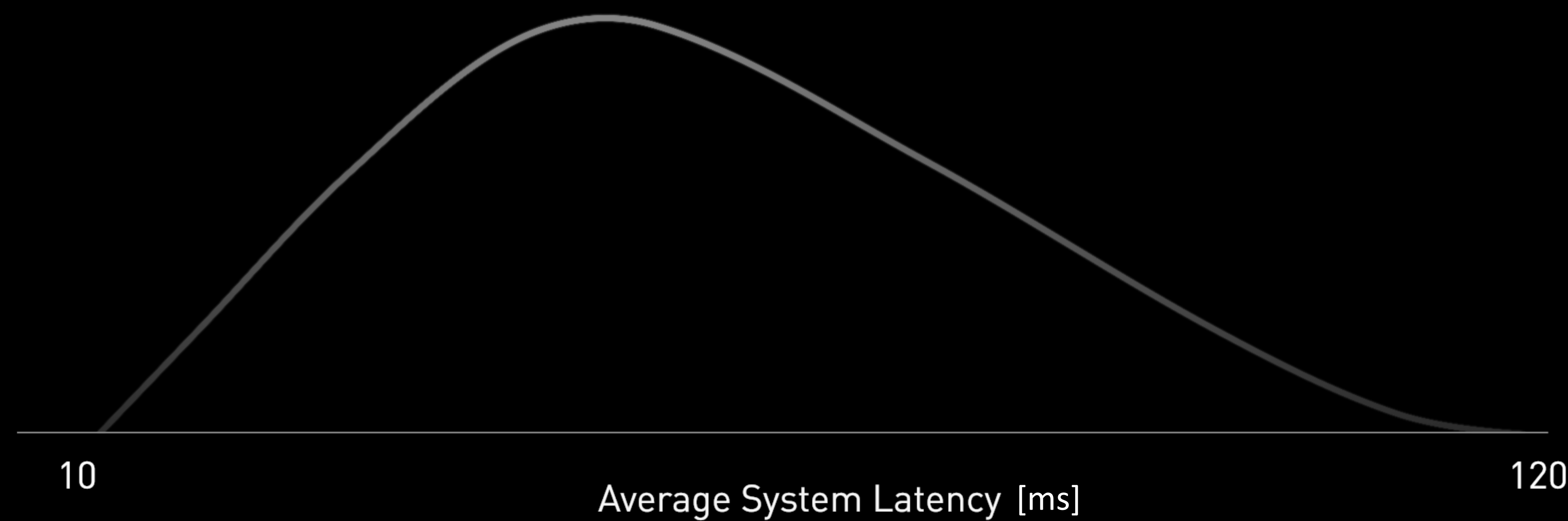
PC Reaction Time Required to Hit Shot – <30ms

180ms Target Window



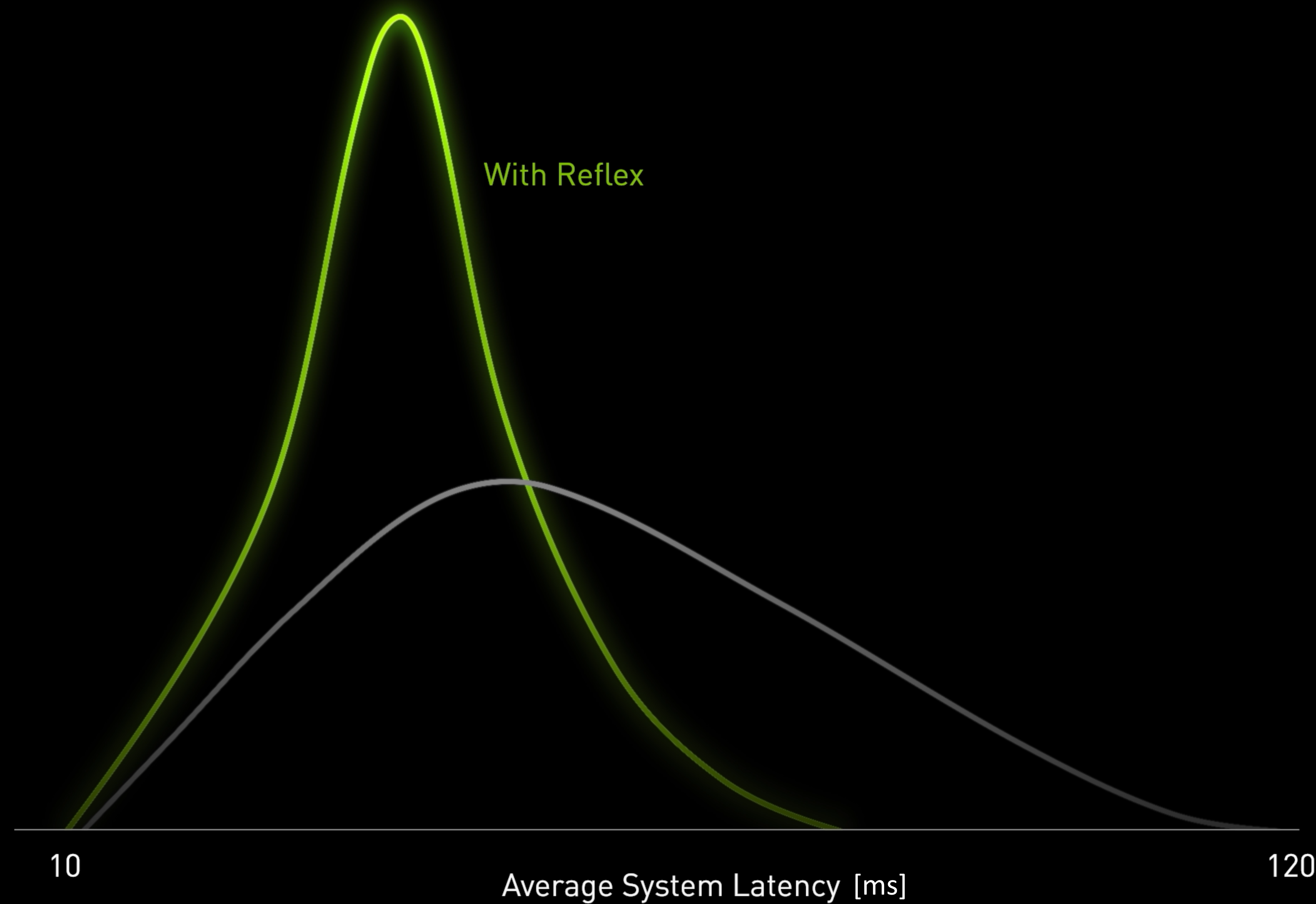
NVIDIA REFLEX IMPROVES REACTION TIME

GeForce gamer installed base: >100M

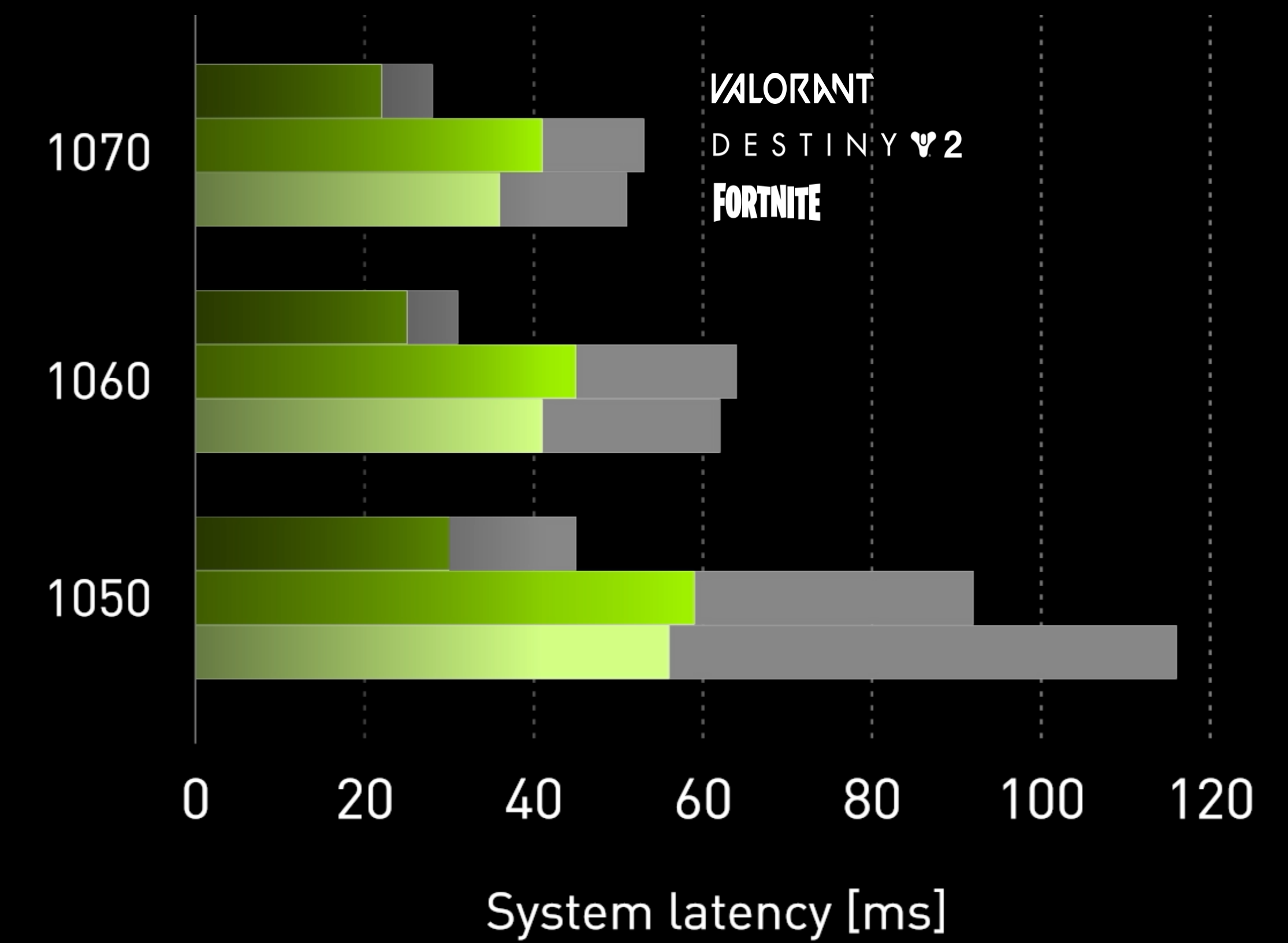


NVIDIA REFLEX IMPROVES REACTION TIME

GeForce gamer installed base: >100M



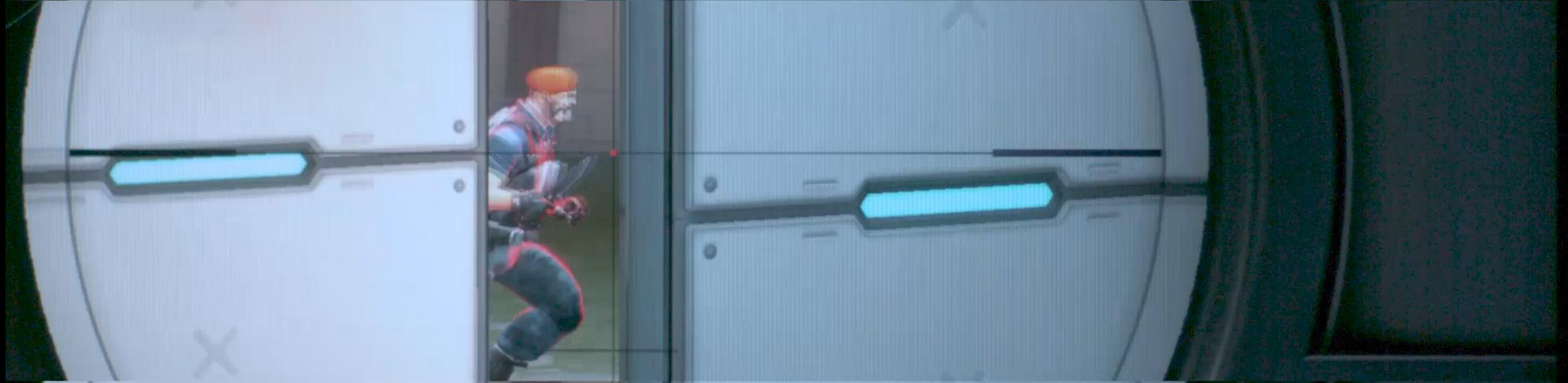
Mouse-to-display system latency at 1080p 60Hz, i9 CPU



360Hz



144Hz



60Hz



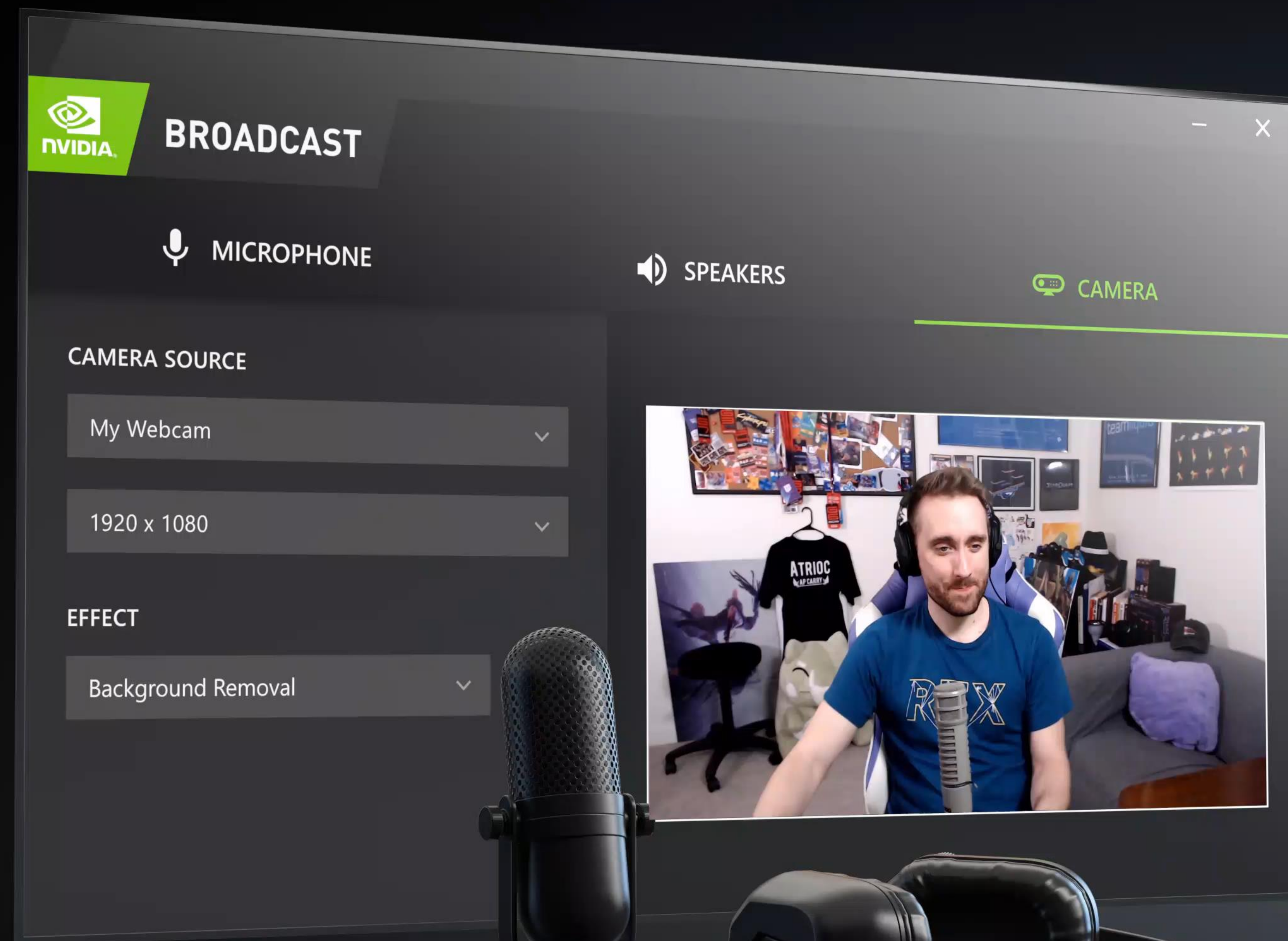
NVIDIA BROADCAST

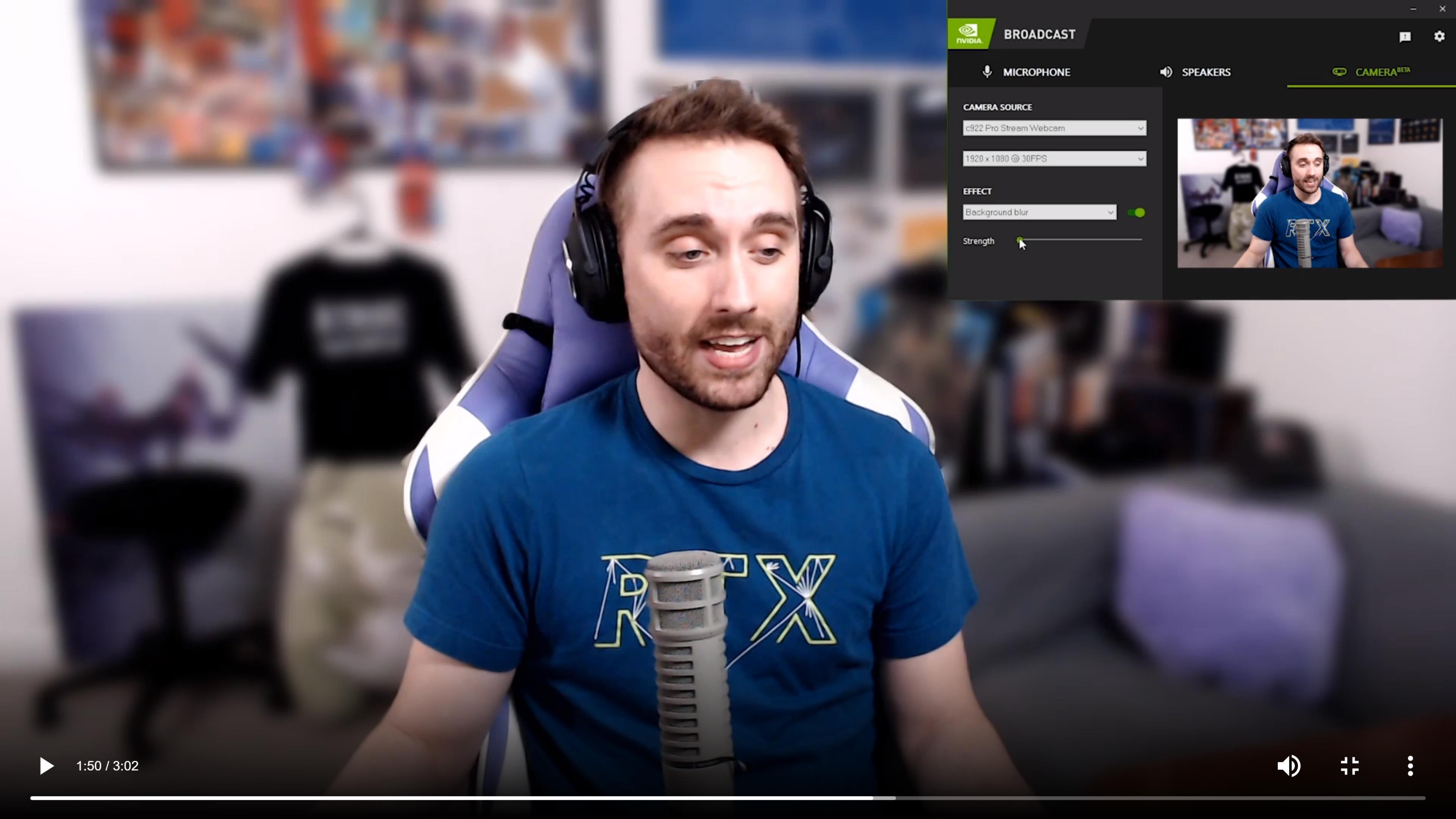
Turn Any Room into a
Home Studio with AI

Audio Noise Removal

Virtual Background Effects

Webcam Auto Frame





BROADCAST



MICROPHONE



SPEAKERS



CAMERA BETA

CAMERA SOURCE

c922 Pro Stream Webcam

1920 x 1080 @ 30FPS

EFFECT

Background blur



Strength



1:50 / 3:02



NVIDIA OMNIVERSE MACHINIMA

RTX-powered Mixer App for Video Game Storytelling

Materials / MDL



Audio2Face



Physics / VFX



AI Pose



Games, Libraries, Tools



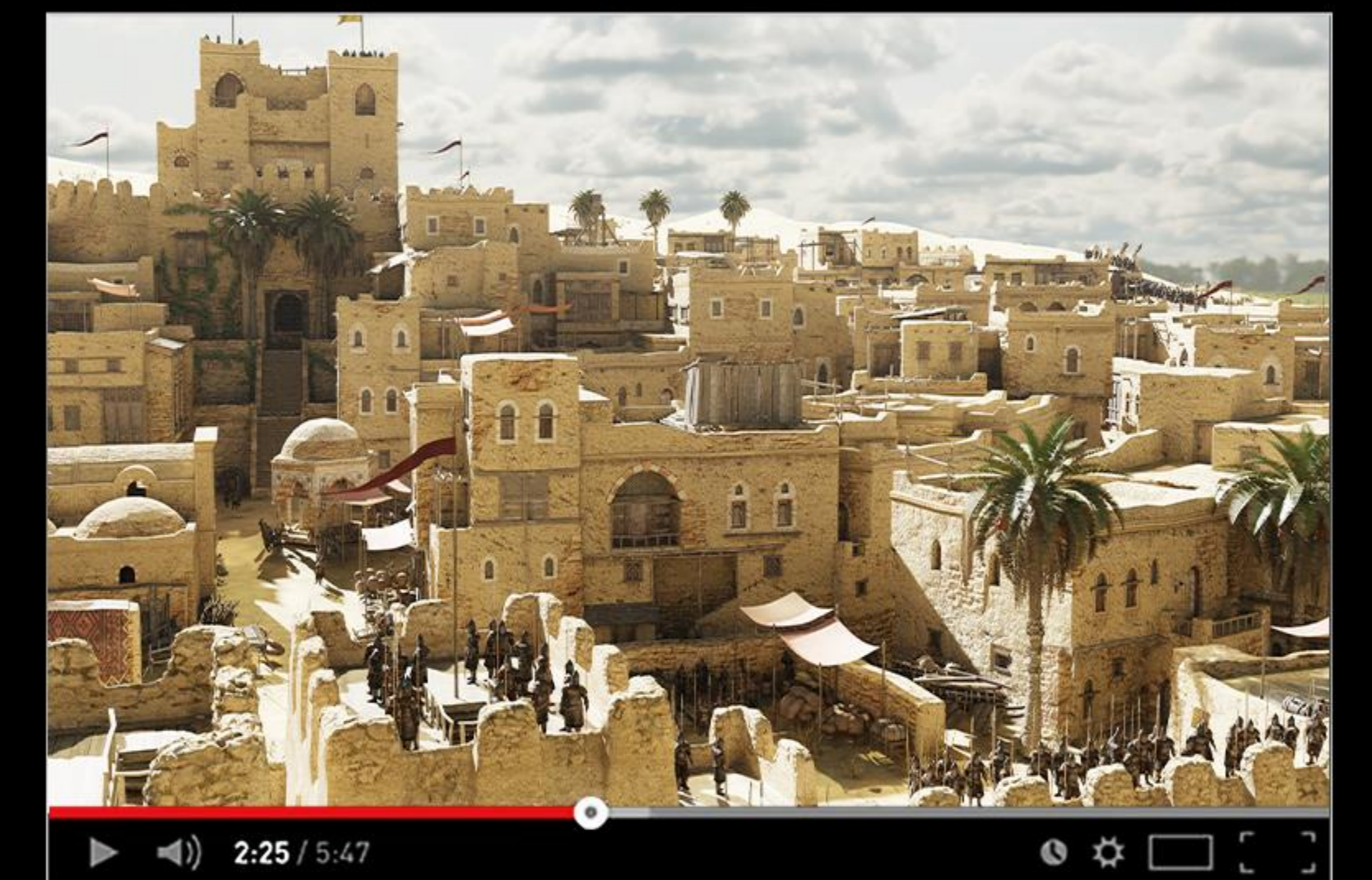
Import USD
Assets



Omniverse
Machinima App



RTX



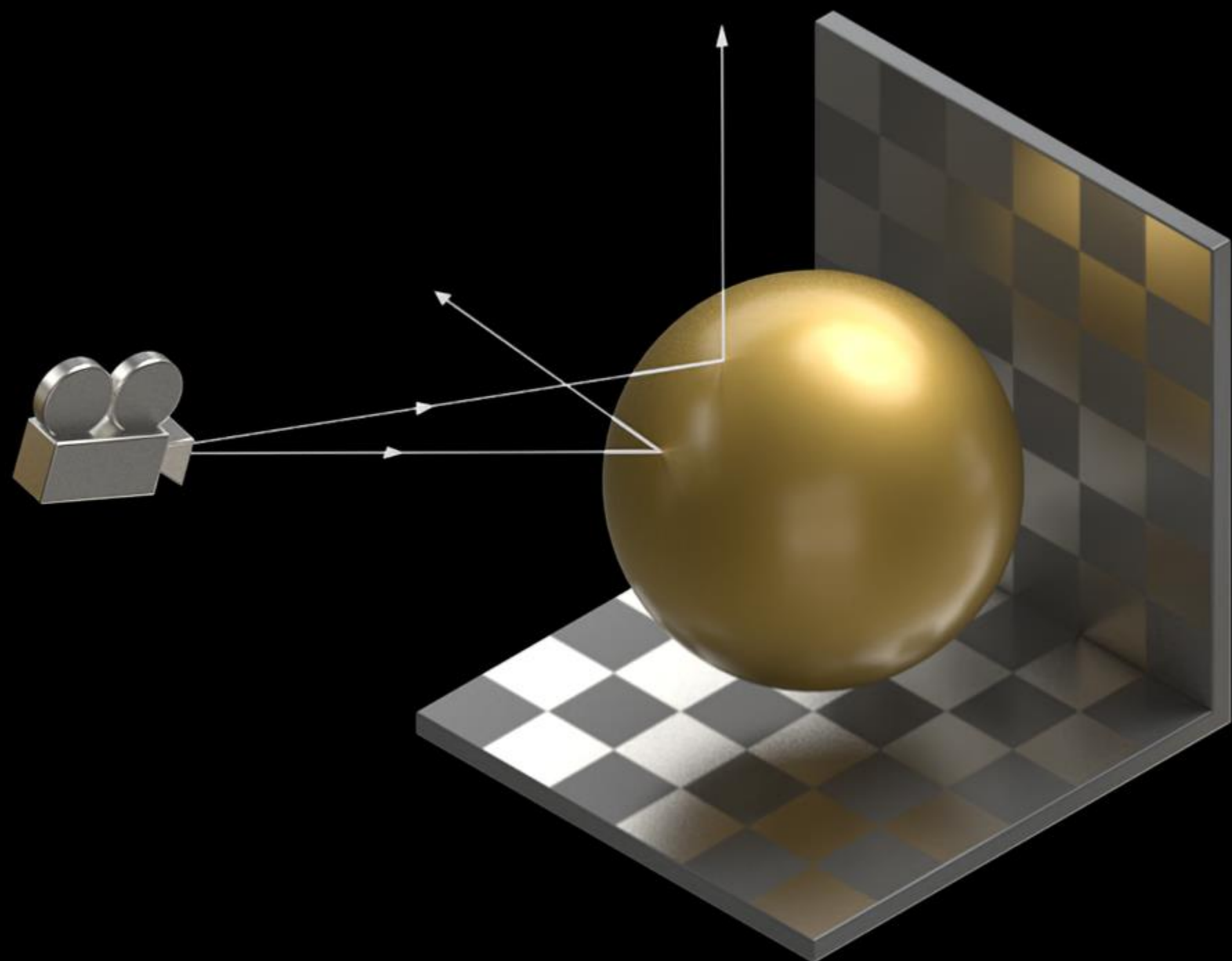
Sign up today at nvidia.com/machinima



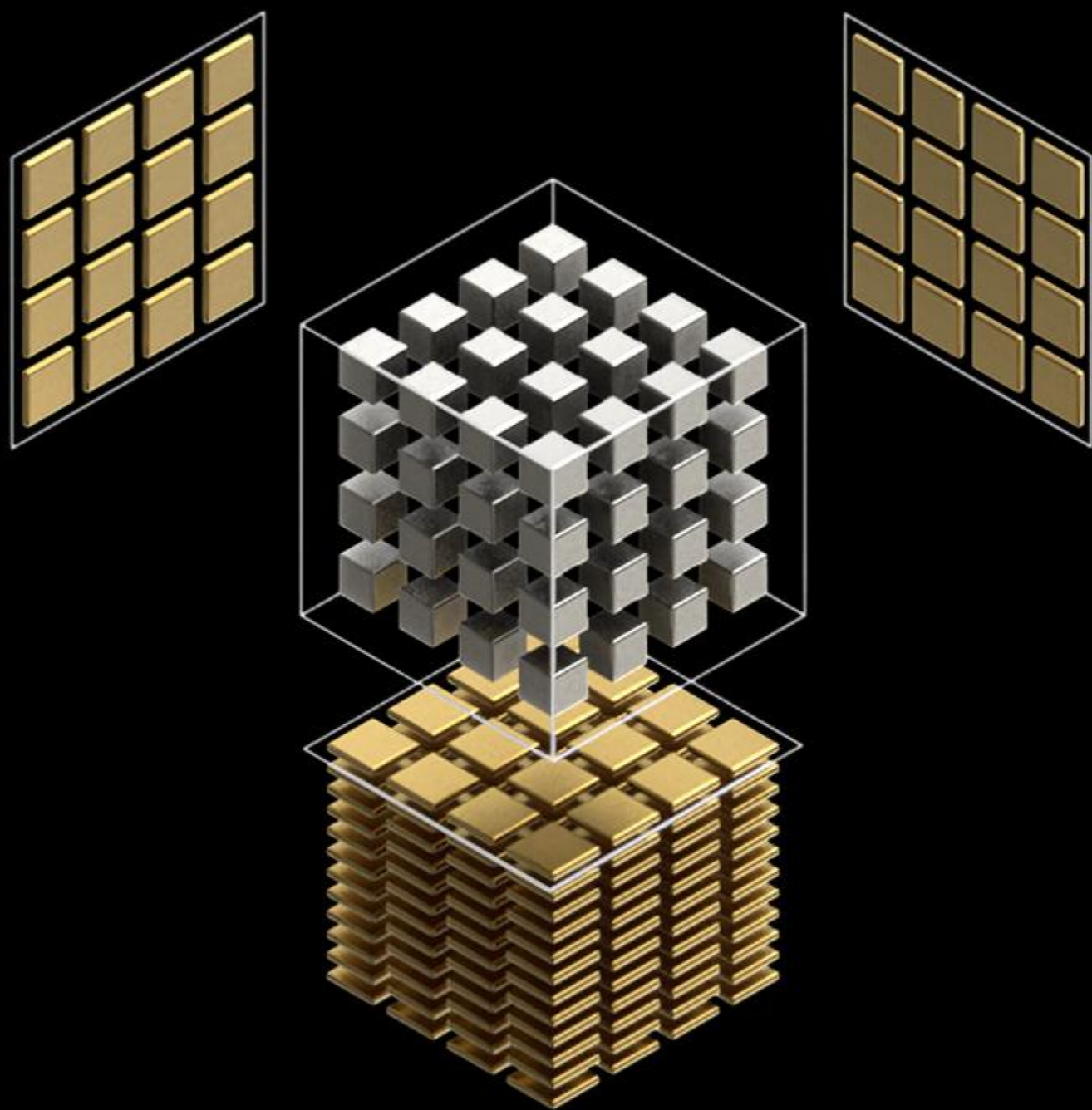
NVIDIA RTX



PROGRAMMABLE SHADING

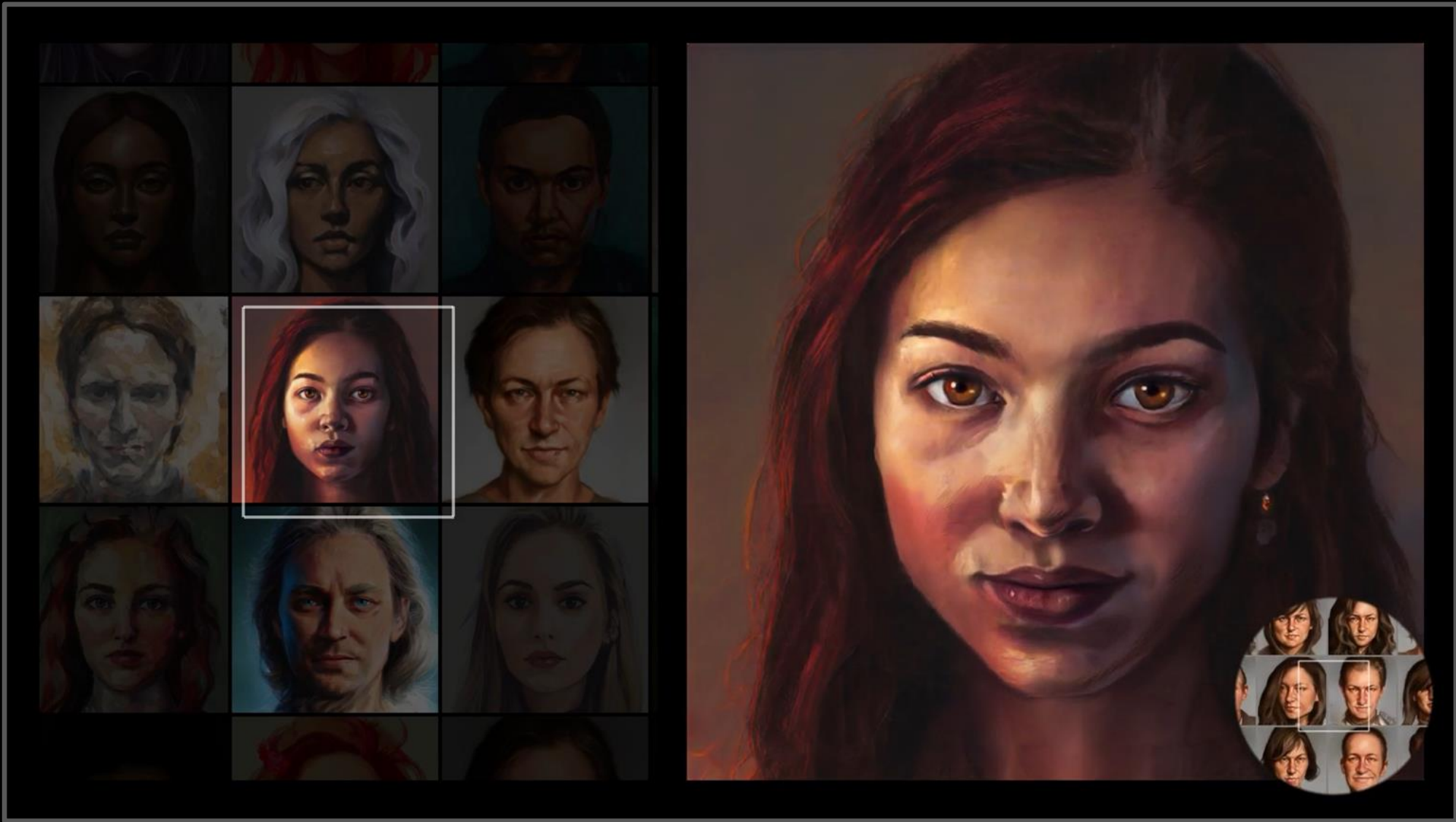


RAY TRACING

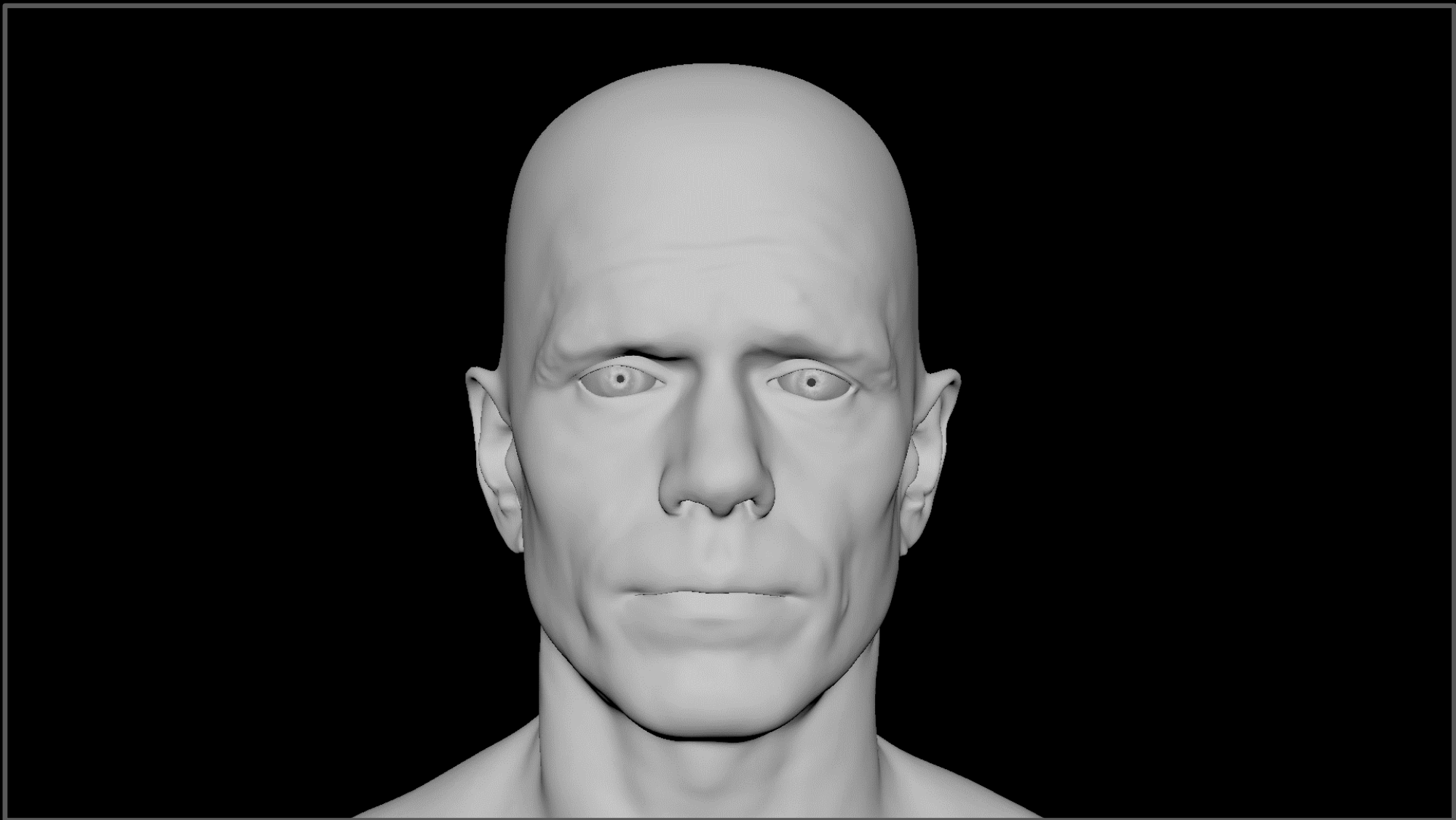


AI

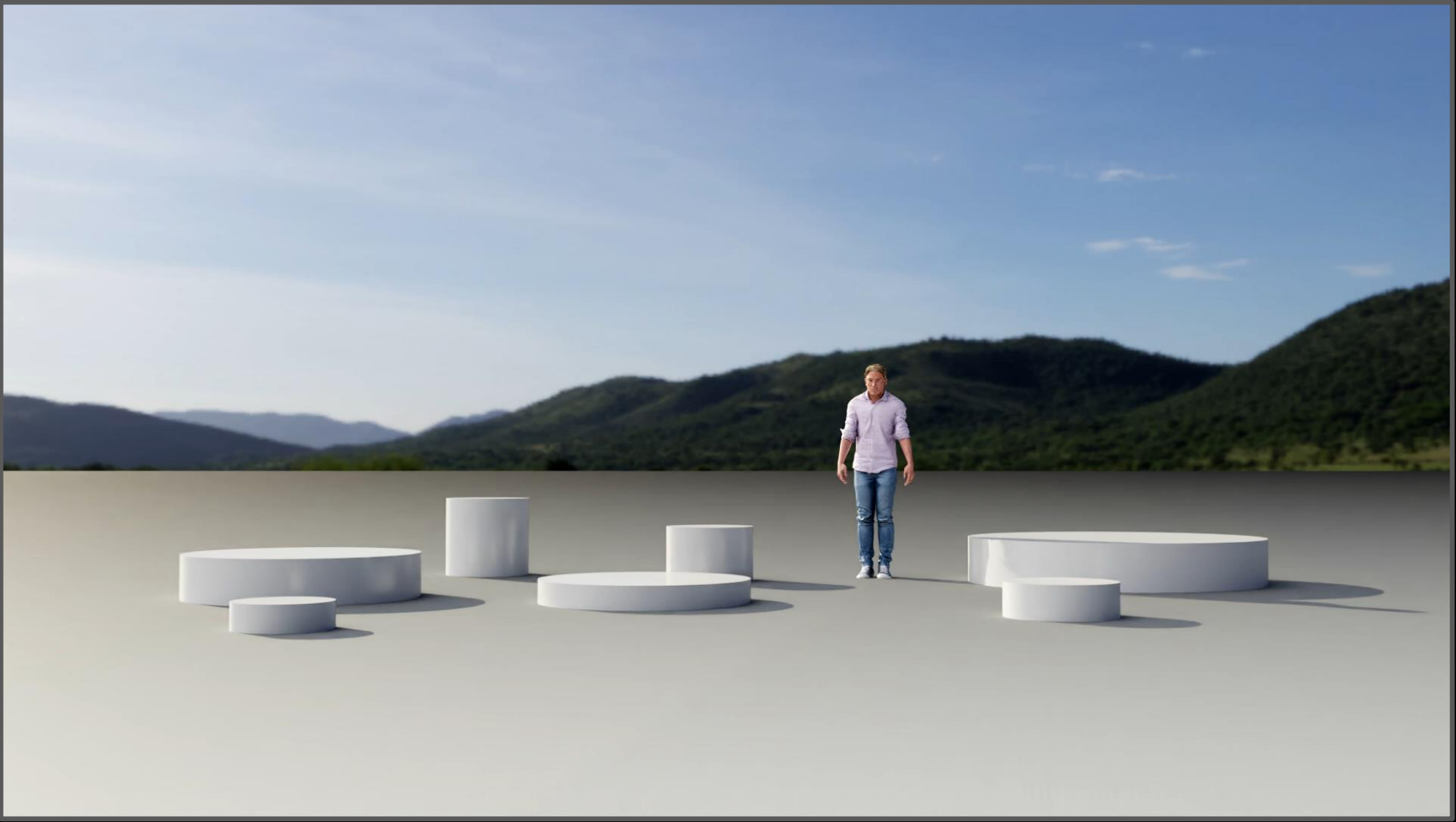
MAGIC OF DEEP LEARNING



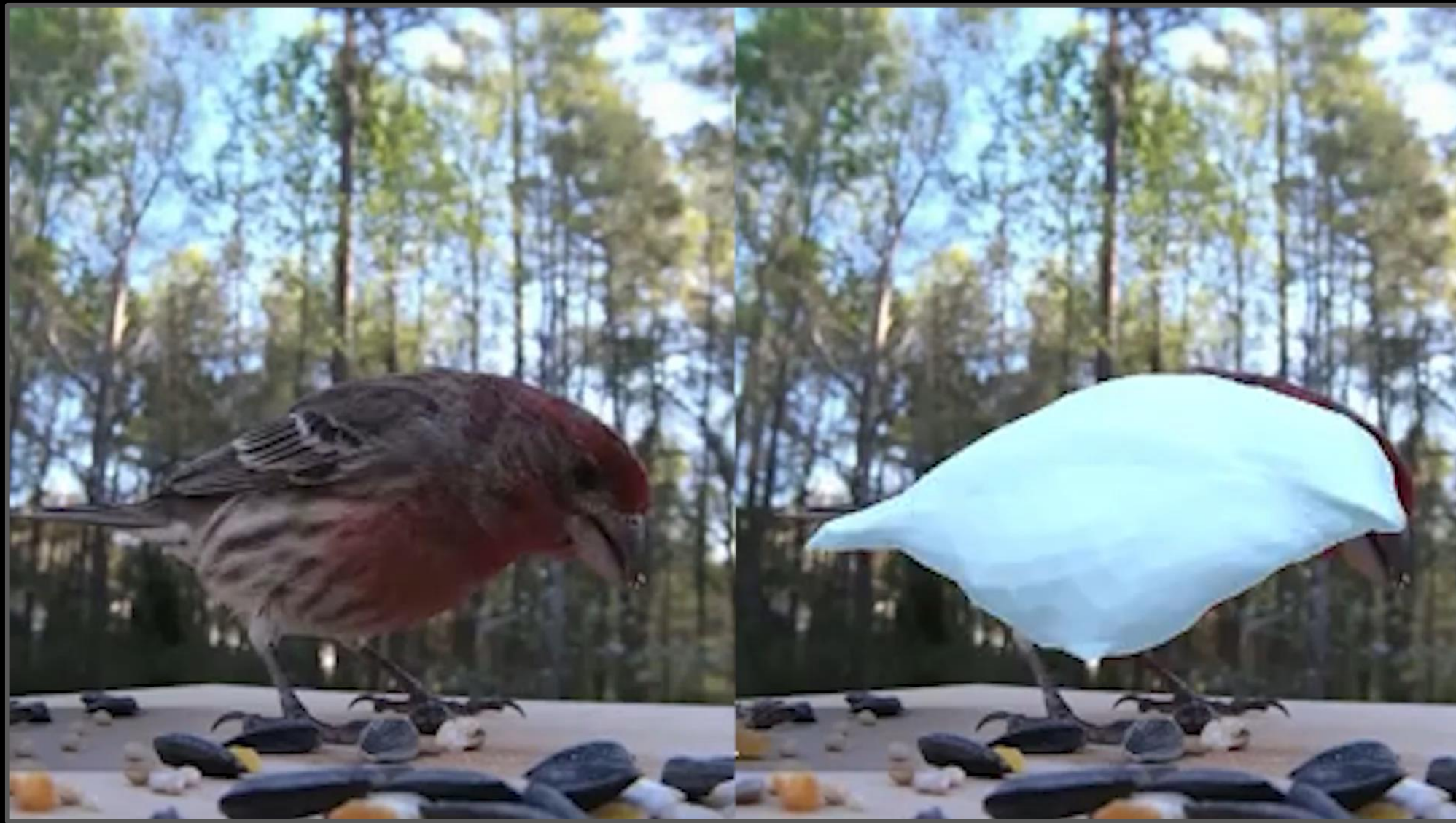
CHARACTER CONCEPTING



AUDIO TO FACIAL ANIMATION



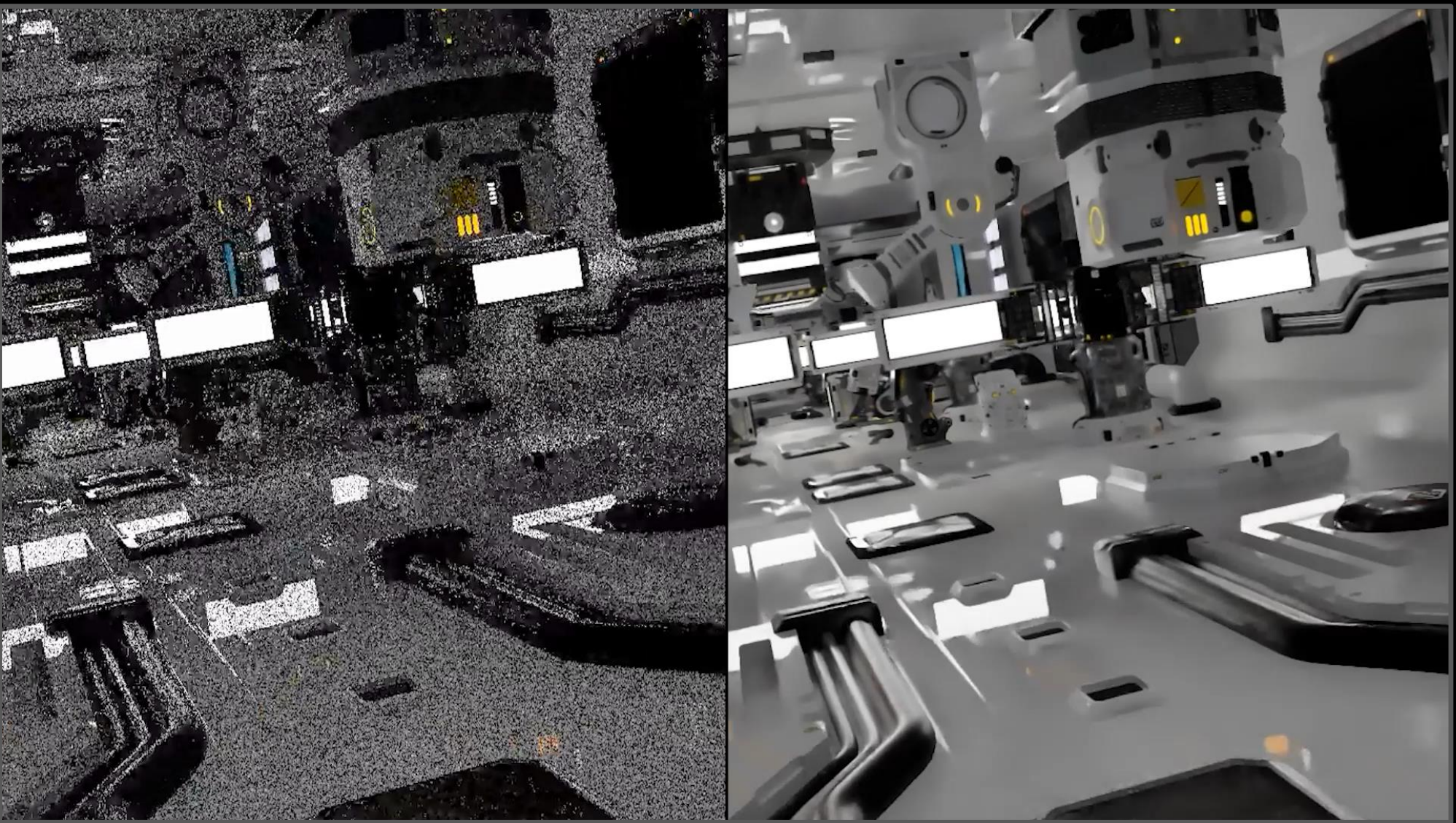
CHARACTER LOCOMOTION



VIDEO TO 3D



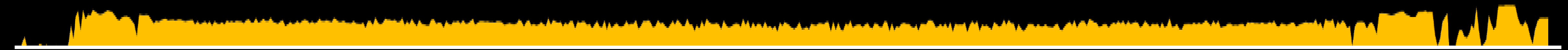
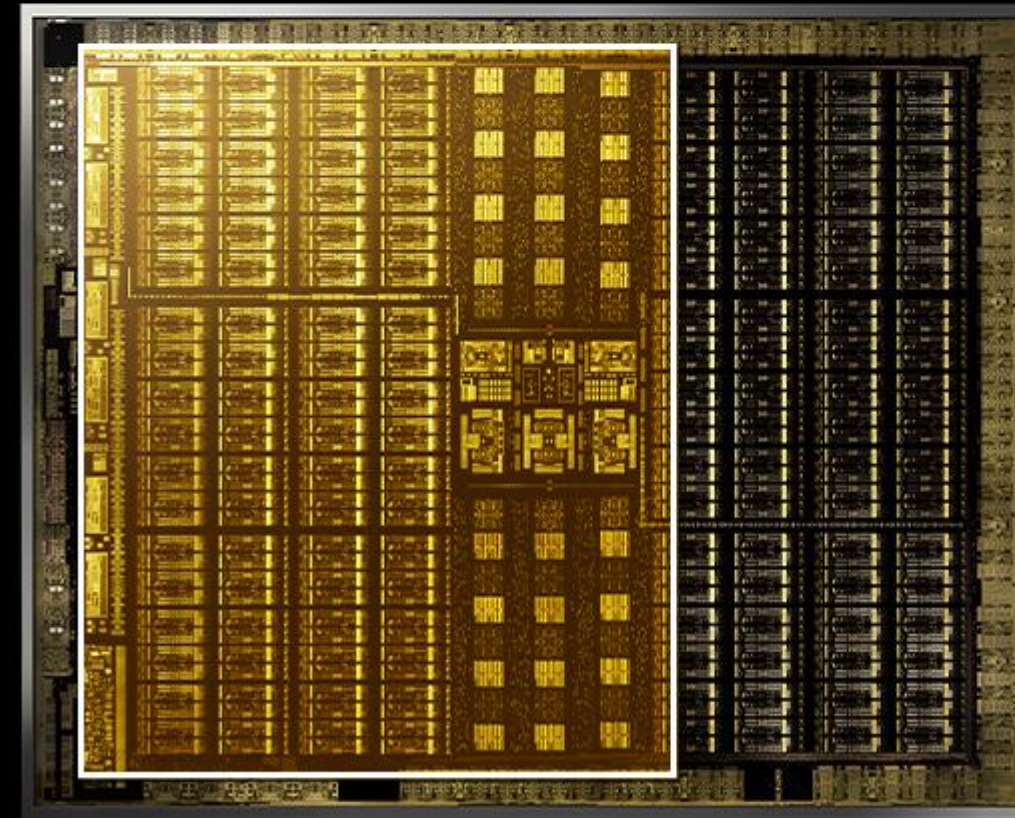
PHYSICS SIMULATION



RT DENOISING

RTX — DEDICATED CORES MAXIMIZE RT PERFORMANCE

Shader



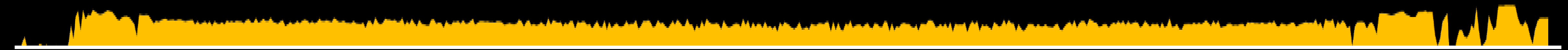
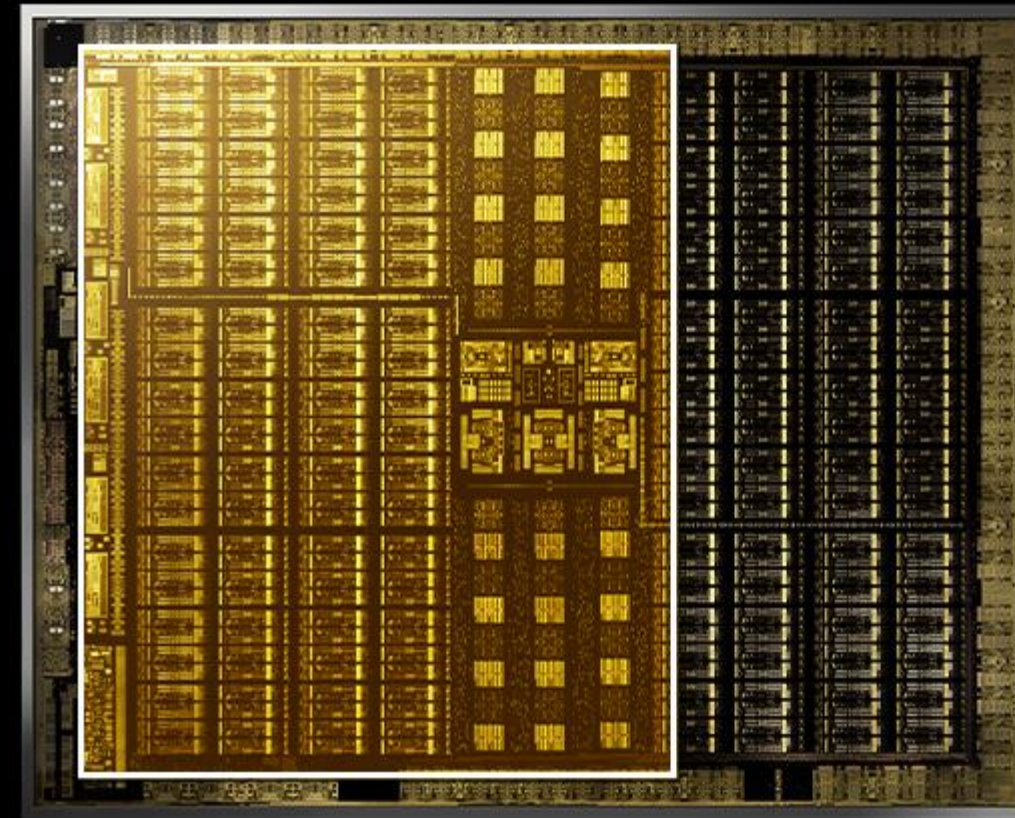
51 ms



1 Frame on Turing

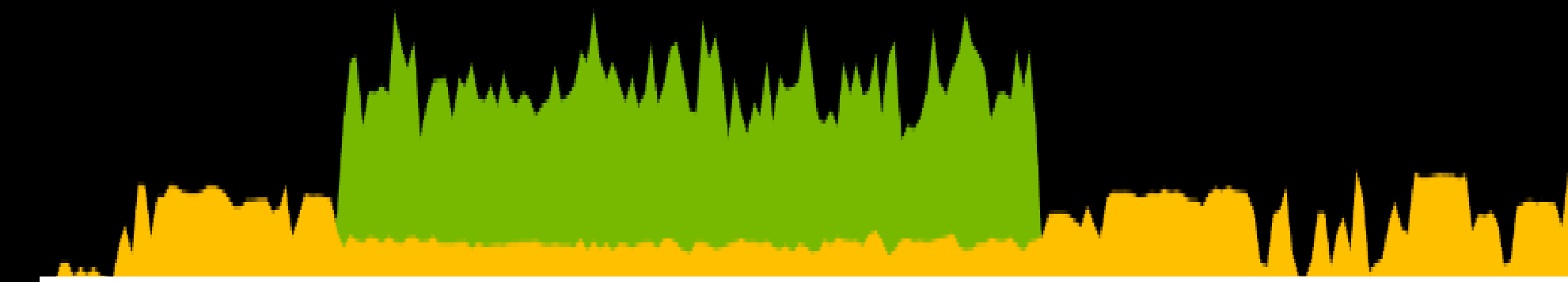
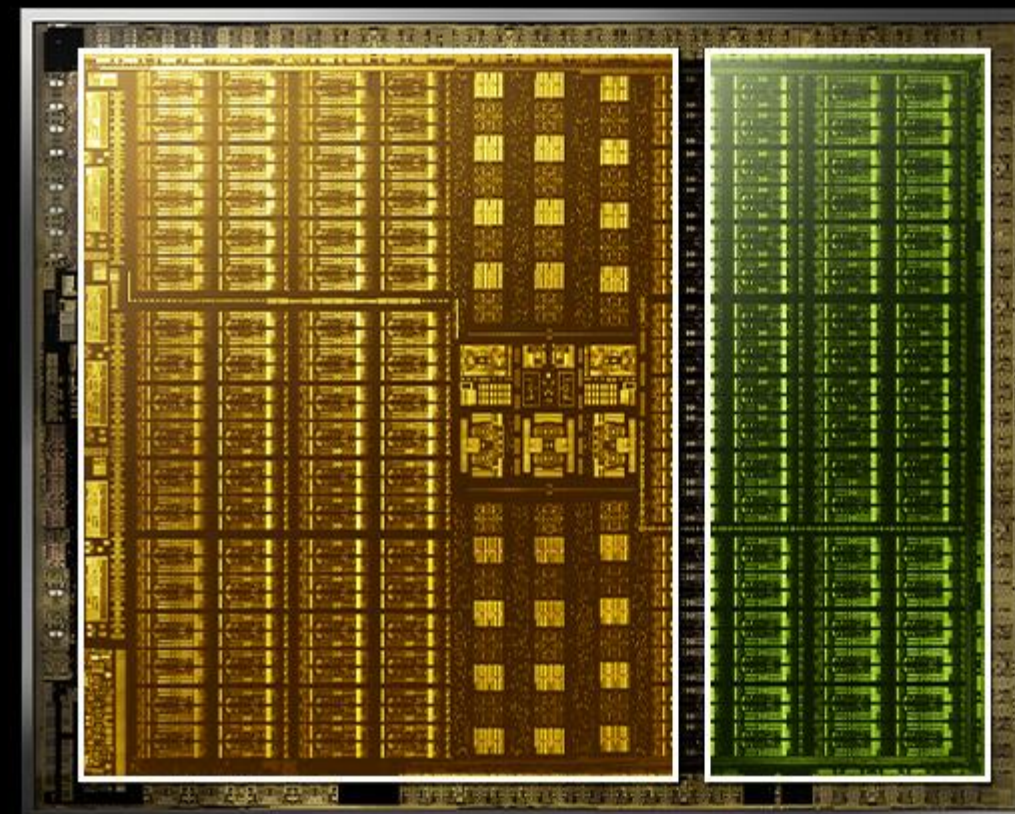
RTX — DEDICATED CORES MAXIMIZE RT PERFORMANCE

Shader



51 ms

Shader
+
RT Core



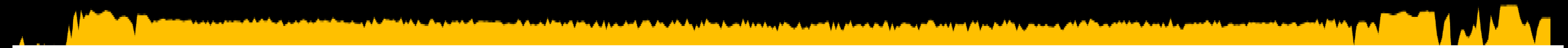
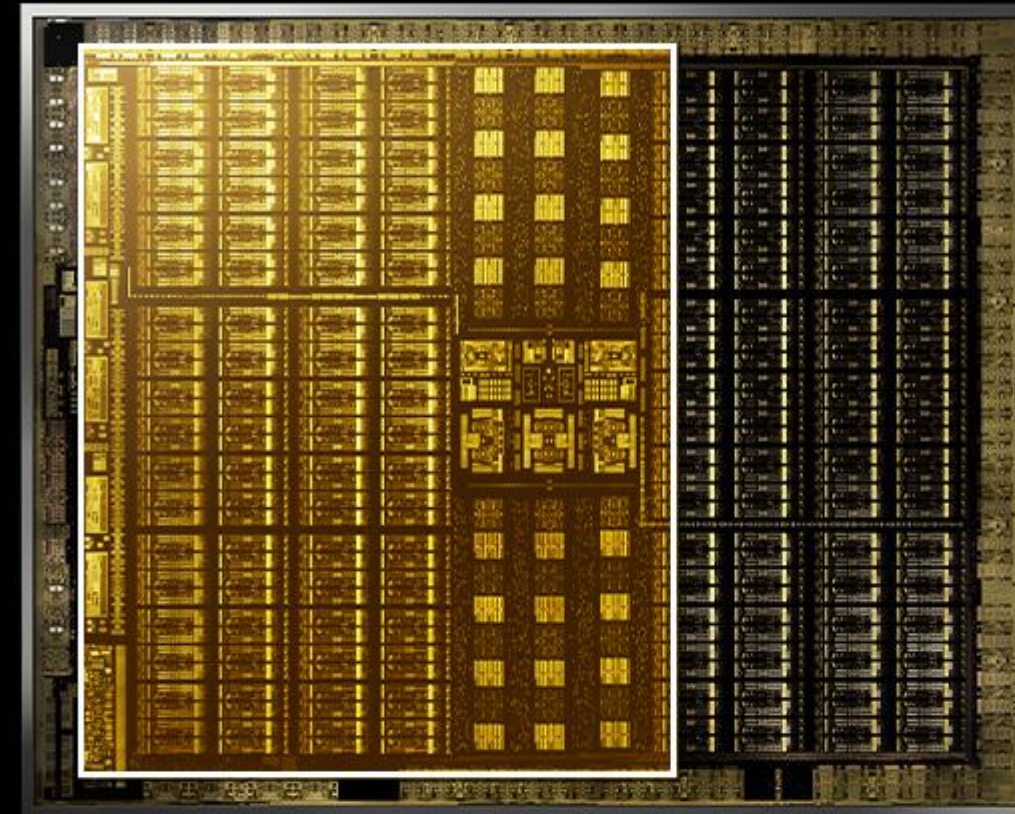
20 ms



1 Frame on Turing

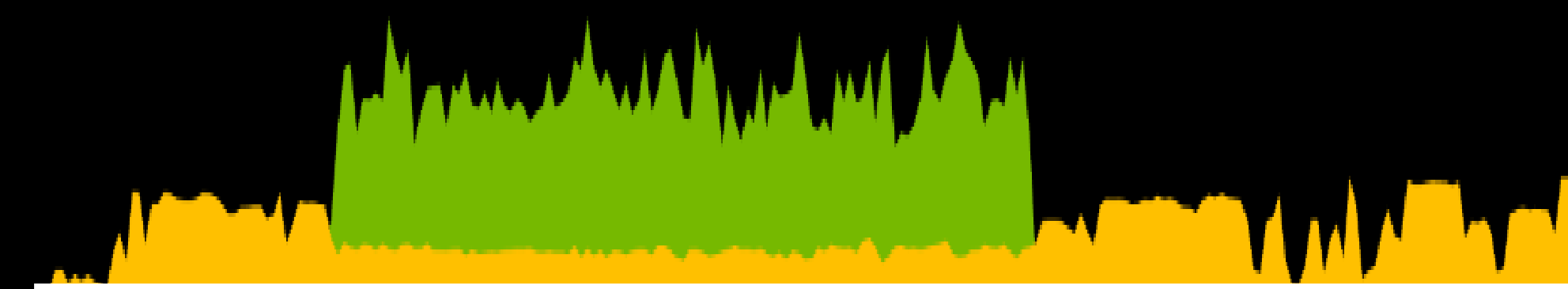
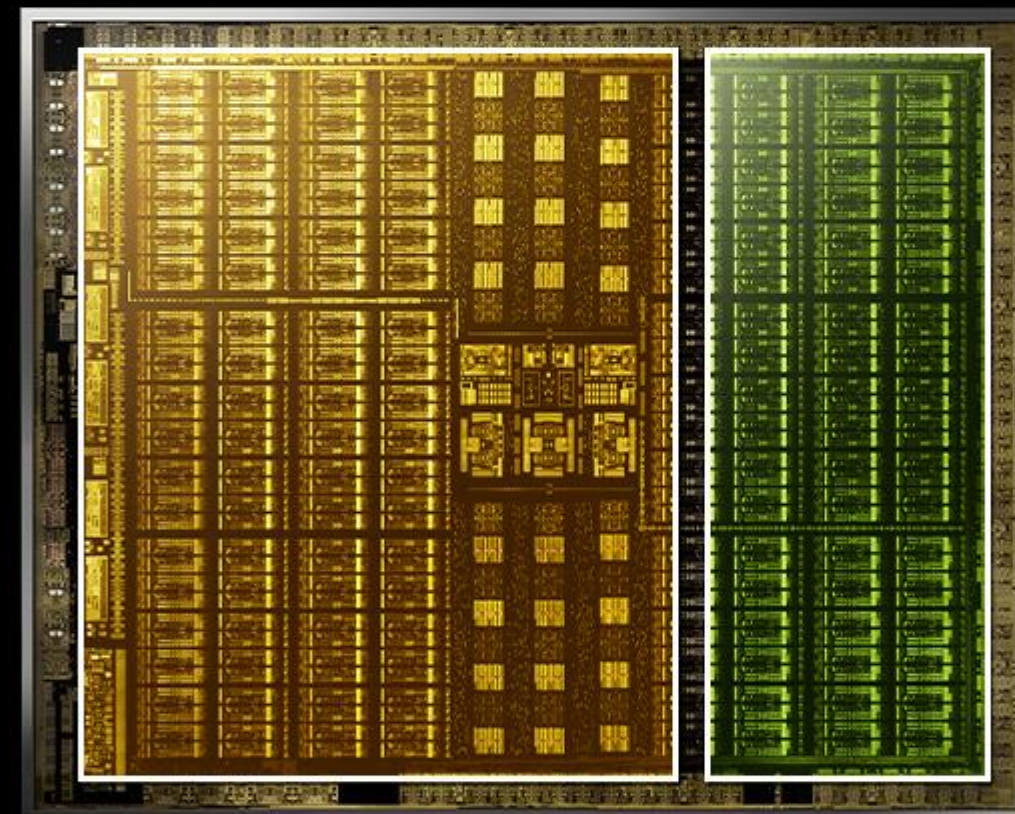
RTX — DEDICATED CORES MAXIMIZE RT PERFORMANCE

Shader



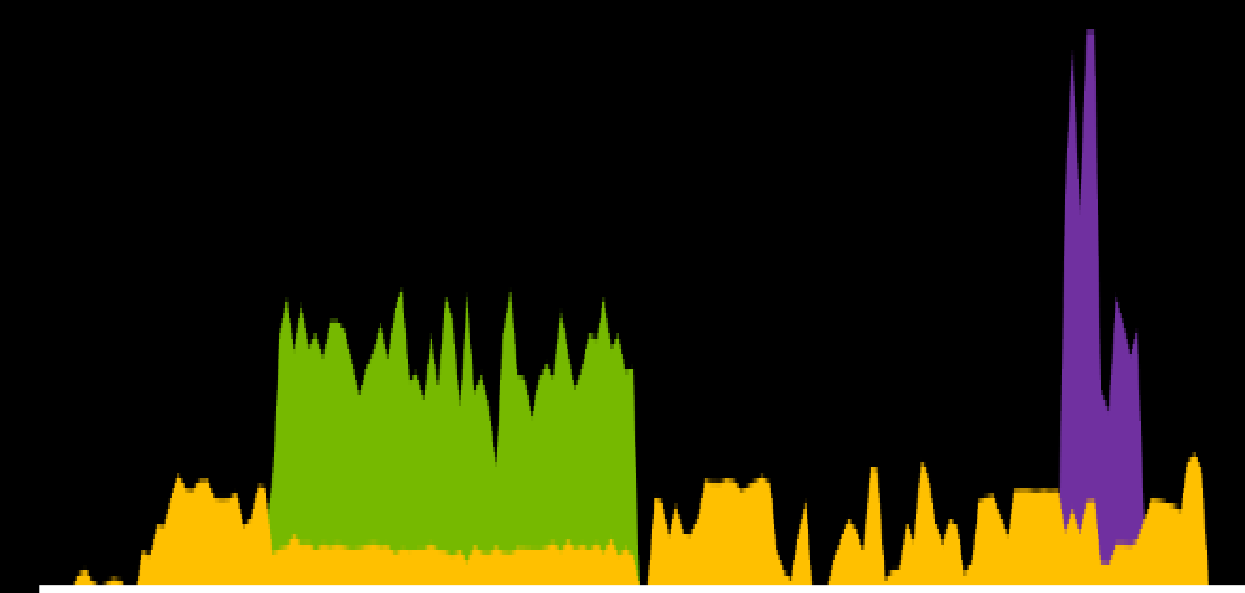
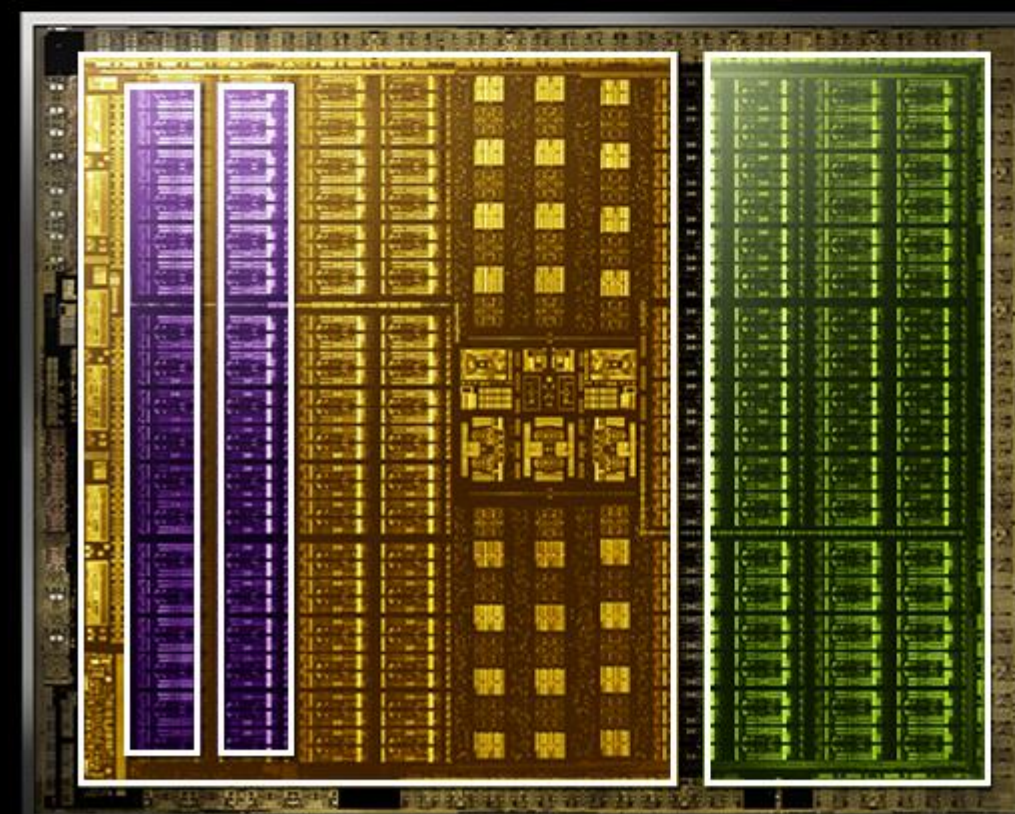
51 ms

Shader
+
RT Core



20 ms

Shader
+
RT Core
+
Tensor Core



12 ms

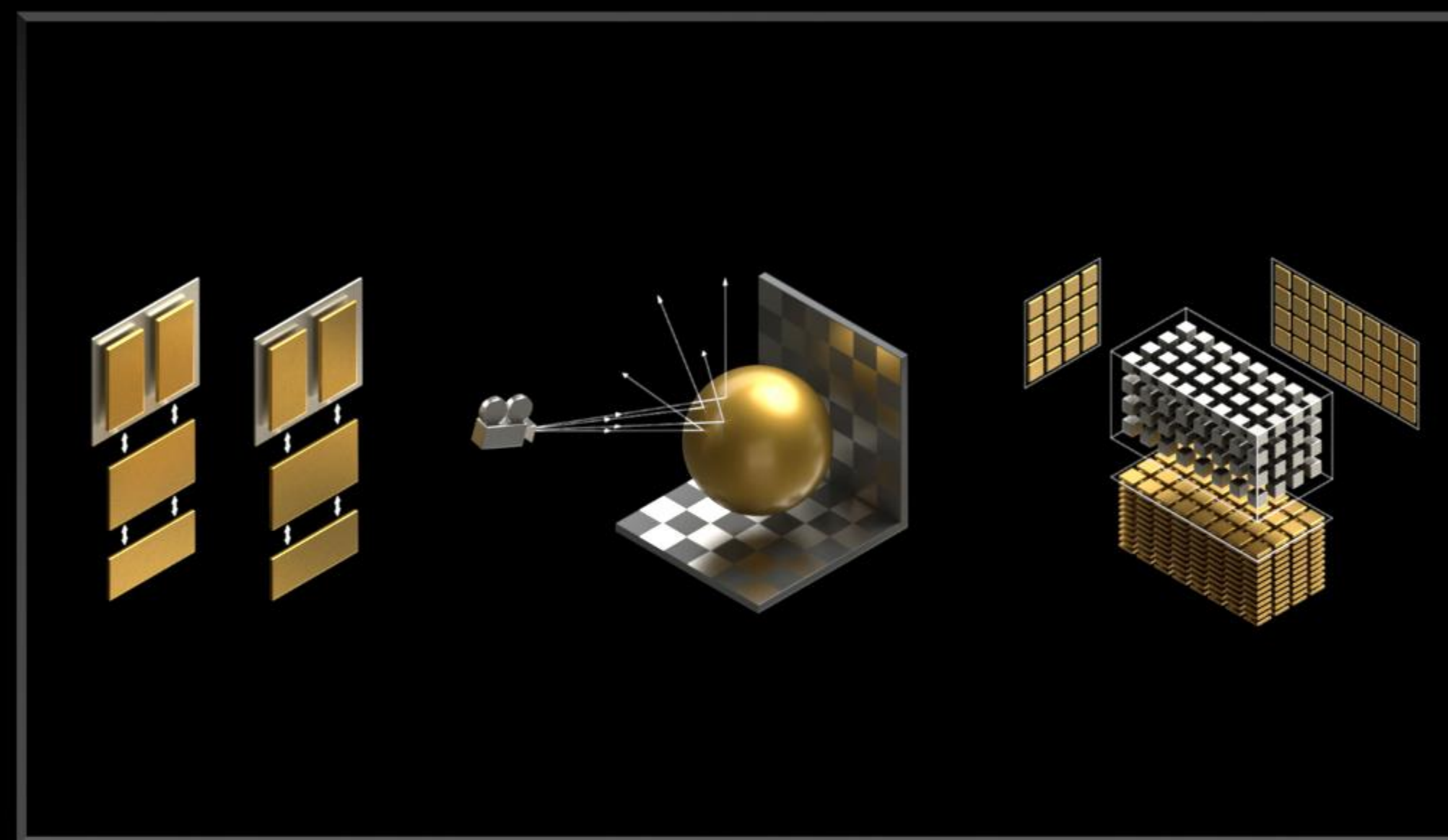


1 Frame on Turing

AMPERE — A GIANT LEAP



RAY TRACING — THE NEW STANDARD



2nd GENERATION RTX



INFINITE WAYS TO PLAY



GeForce RTX
3090
3080
3070

