

GEFORCE RTX 4080 SUPER
World's Fastest Memory | More Cores

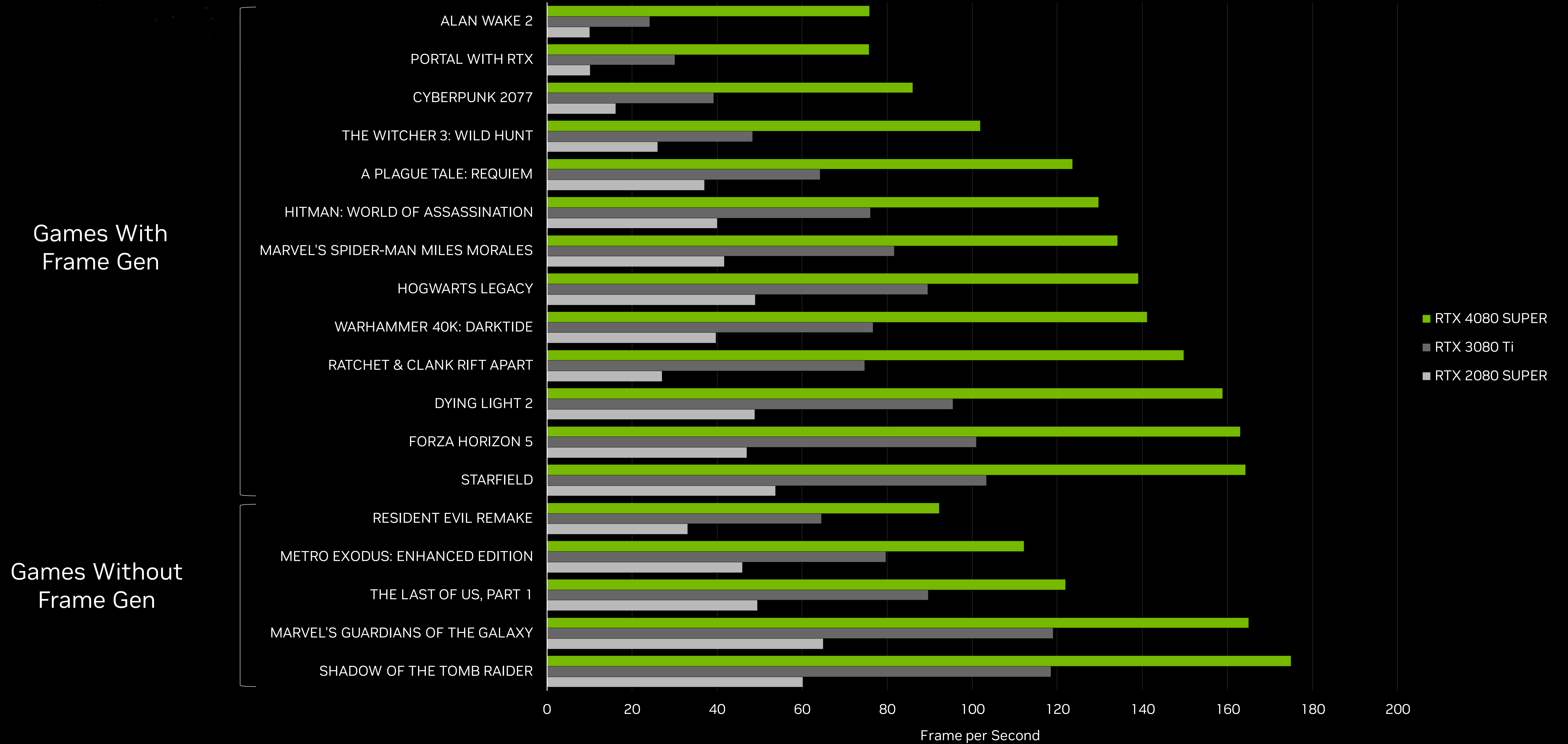
52 Shader TFLOPS | 121 RT TFLOPS | 836 AI TOPS
4K Full RT Gaming, Super-Fast Gen AI
2X RTX 3080 Ti
\$999 | Jan 31st



GEFORCE RTX 4080 SUPER - MORE CORES, FASTER MEMORY

	RTX 4080 SUPER	RTX 3080 Ti	RTX 2080 SUPER
Shader Cores	Ada Lovelace 52 Shader TFLOPS	Ampere 34 Shader TFLOPS	Turing 11 Shader TFLOPS
RT Cores	3rd Gen 121 RT TFLOPS	2nd Gen 67 RT TFLOPS	1st Gen 34 RT TFLOPS
Tensor Cores	4th Gen 836 AI TOPS	3rd Gen 273 AI TOPS	2nd Gen 89 AI TOPS
DLSS	3	2	2
NV Encoders	AV1 / H.264	H.264	H.264
Frame Buffer	16GB G6X	12GB G6X	8GB G6
Memory Subsystem	64MB L2 736 GB/sec	6MB L2 912 GB/sec	4MB L2 496 GB/s
Average Gaming Power	246W	352W	227W
Video Playback Power	22W	27W	17W
Idle Power	15W	13W	10W
TGP	320 W	350W	250W

SUPER UPGRADE



Configuration: i9-12900k, 4k, Max Settings with DLSS and RT on in games that support it

SUPER GENERATIVE AI

OVER 2X FASTER
Gaming with Frame Generation



1.7X FASTER
Image Generation

A hot rod, racing in the desert at sunset, 35mm film

Output

1.5X FASTER
Video Generation



RTX 4080 SUPER vs. RTX 3080 Ti. Gaming perf averaged across multiple games with DLSS 3 on for RTX 4080 SUPER. Image Generation measured with Stable Diffusion XL, 1024x1024. Stable Video Diffusion measured on ComfyUI using SVD.

GEFORCE RTX 4070 TI SUPER
16GB G6X | 256b Interface | More Cores

44 Shader TFLOPS | 102 RT TFLOPS | 706 AI TOPS

1440p 144Hz+

2.5X RTX 3070 Ti

\$799 | Jan 24th



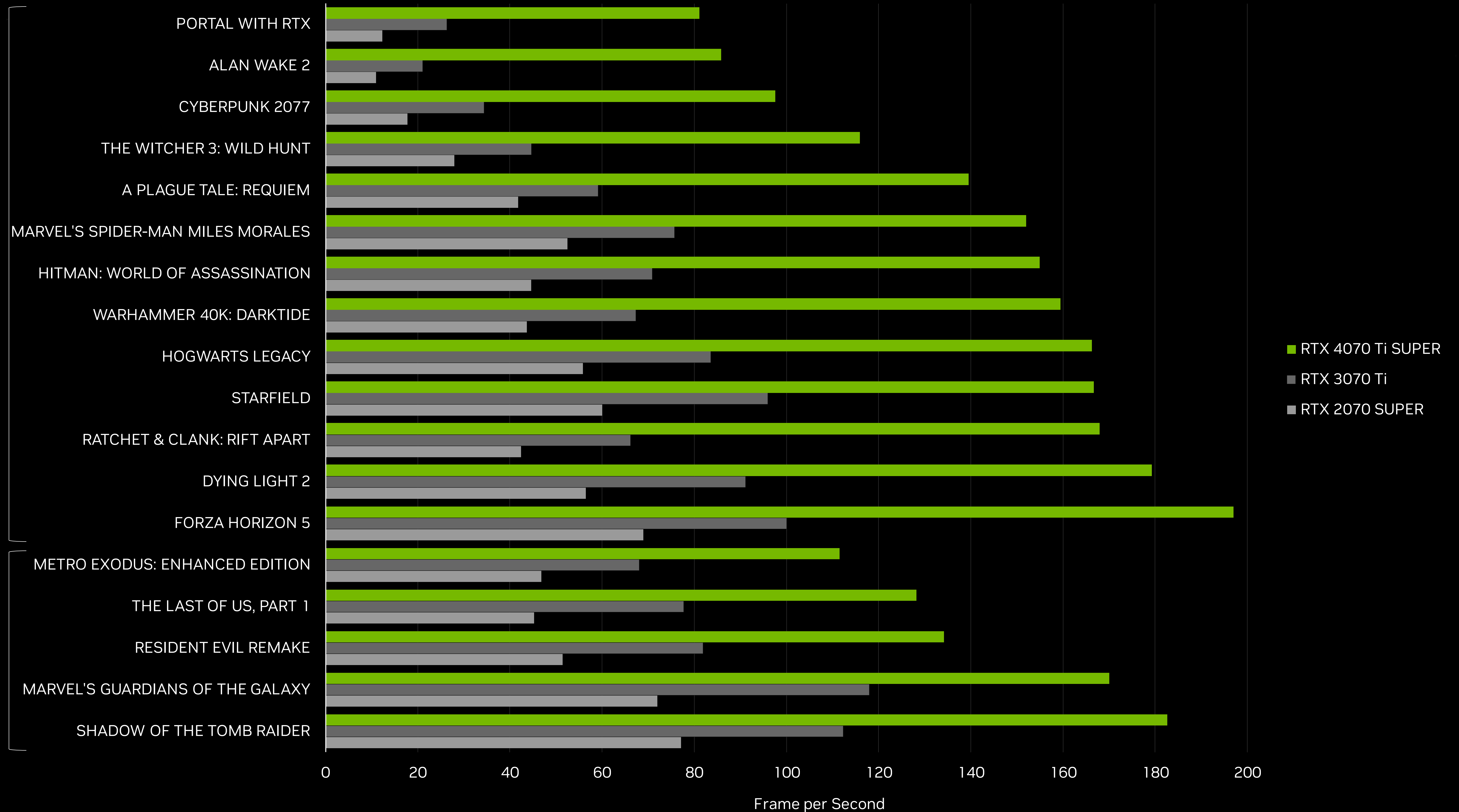
GEFORCE RTX 4070 Ti SUPER – MORE CORES, MORE MEMORY

	RTX 4070 Ti SUPER	RTX 3070 Ti	RTX 2070 SUPER
Shader Cores	Ada Lovelace 44 Shader TFLOPS	Ampere 22 Shader TFLOPS	Turing 9 Shader TFLOPS
RT Cores	3rd Gen 102 RT TFLOPS	2nd Gen 43 RT TFLOPS	1st Gen 27 RT TFLOPS
Tensor Cores	4th Gen 706 AI TOPS	3rd Gen 174 AI TOPS	2nd Gen 73 AI TOPS
DLSS	3	2	2
NV Encoders	AV1 / H.264	H.264	H.264
Frame Buffer	16GB G6X	8GB G6X	8GB G6
Memory Subsystem	48MB L2 672 GB/sec	4MB L2 608 GB/sec	4MB L2 448 GB/s
Average Gaming Power	226W	240W	205W
Video Playback Power	17W	20W	15W
Idle Power	12W	12W	11W
TGP	285 W	290W	215W

SUPER UPGRADE

Games With
Frame Gen

Games Without
Frame Gen



GEFORCE RTX 4070 SUPER
20% More Cores

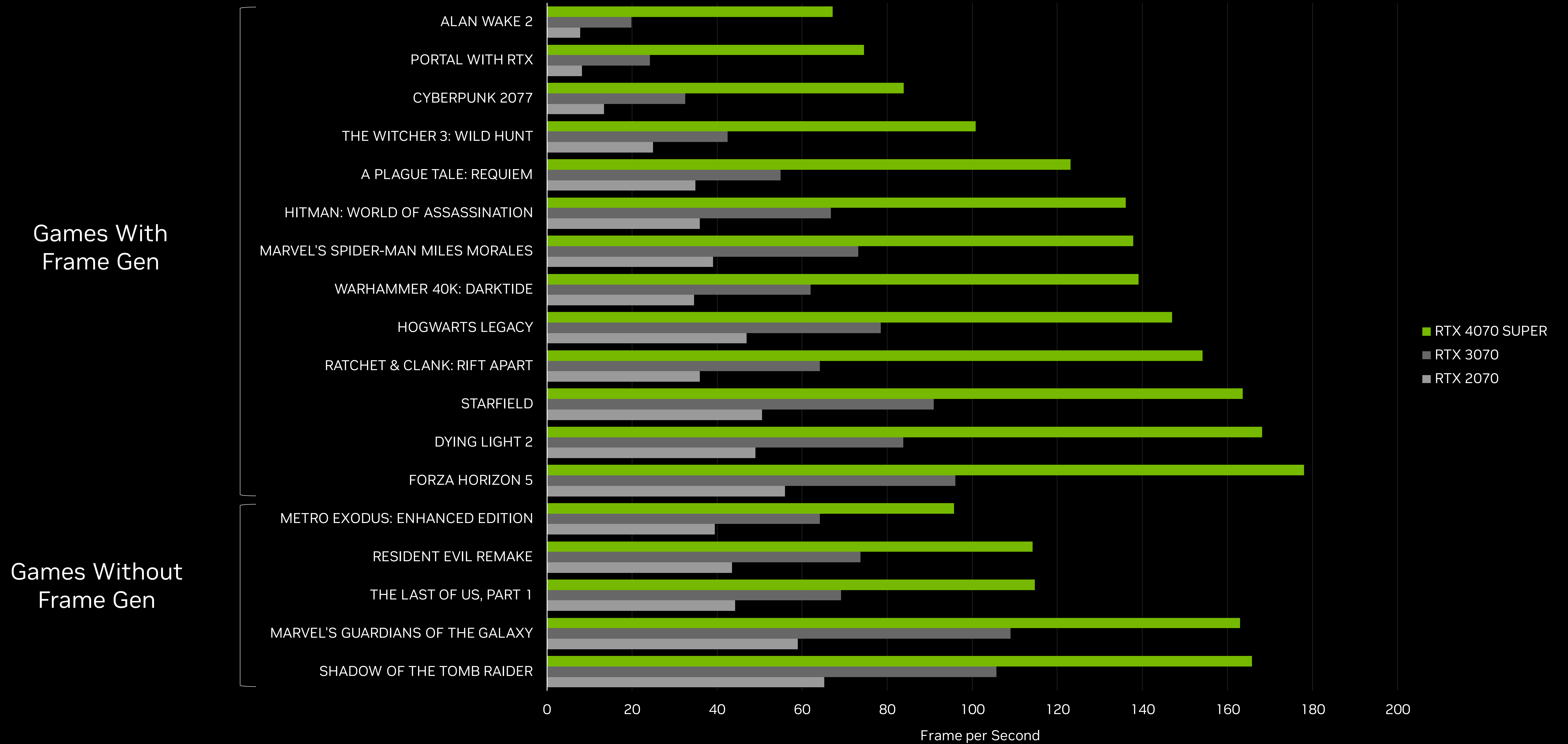
36 Shader TFLOPS | 82 RT TFLOPS | 568 AI TOPS
Faster Than RTX 3090
\$599 | Jan 17th



RTX 4070 SUPER – 20% MORE CORES

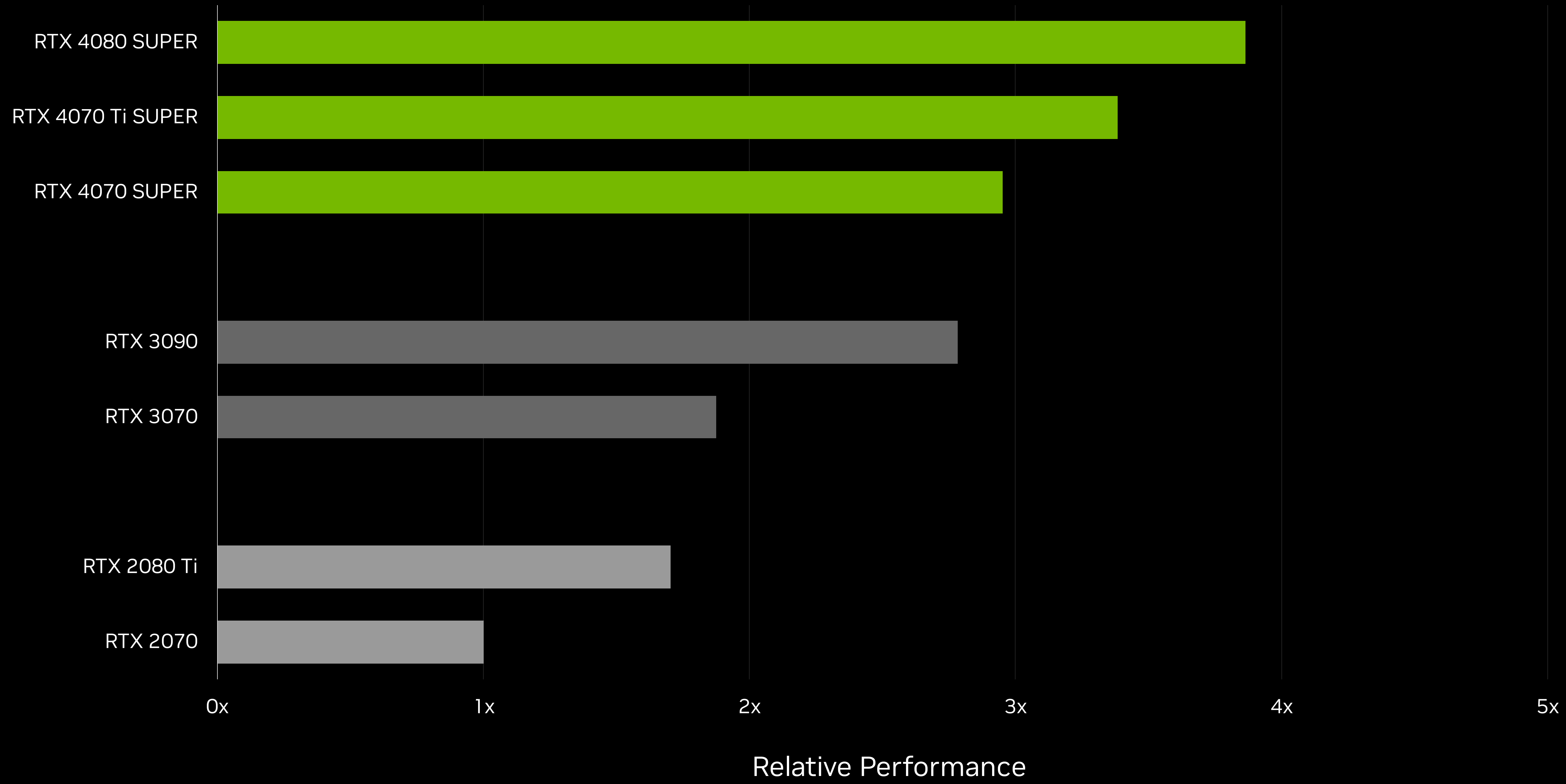
	RTX 4070 SUPER	RTX 3070	RTX 2070
Shader Cores	Ada Lovelace 36 Shader TFLOPS	Ampere 20 Shader TFLOPS	Turing 8 Shader TFLOPS
RT Cores	3 rd Gen 82 RT TFLOPS	2 nd Gen 40 RT TFLOPS	1 st Gen 24 RT TFLOPS
Tensor Cores	4 th Gen 568 AI TOPS	3 rd Gen 163 AI TOPS	2 nd Gen 63 AI TOPS
DLSS	3	2	2
NV Encoders	AV1 / H.264	H.264	H.264
Frame Buffer	12GB G6X	8GB G6	8GB G6
Memory Subsystem	36MB L2 504 GB/sec	4MB L2 448 GB/sec	4MB L2 448 GB/s
Average Gaming Power	200W	215W	177W
Video Playback Power	16W	20W	18W
Idle Power	11W	11W	10W
TGP	220 W	220W	185W

SUPER UPGRADE



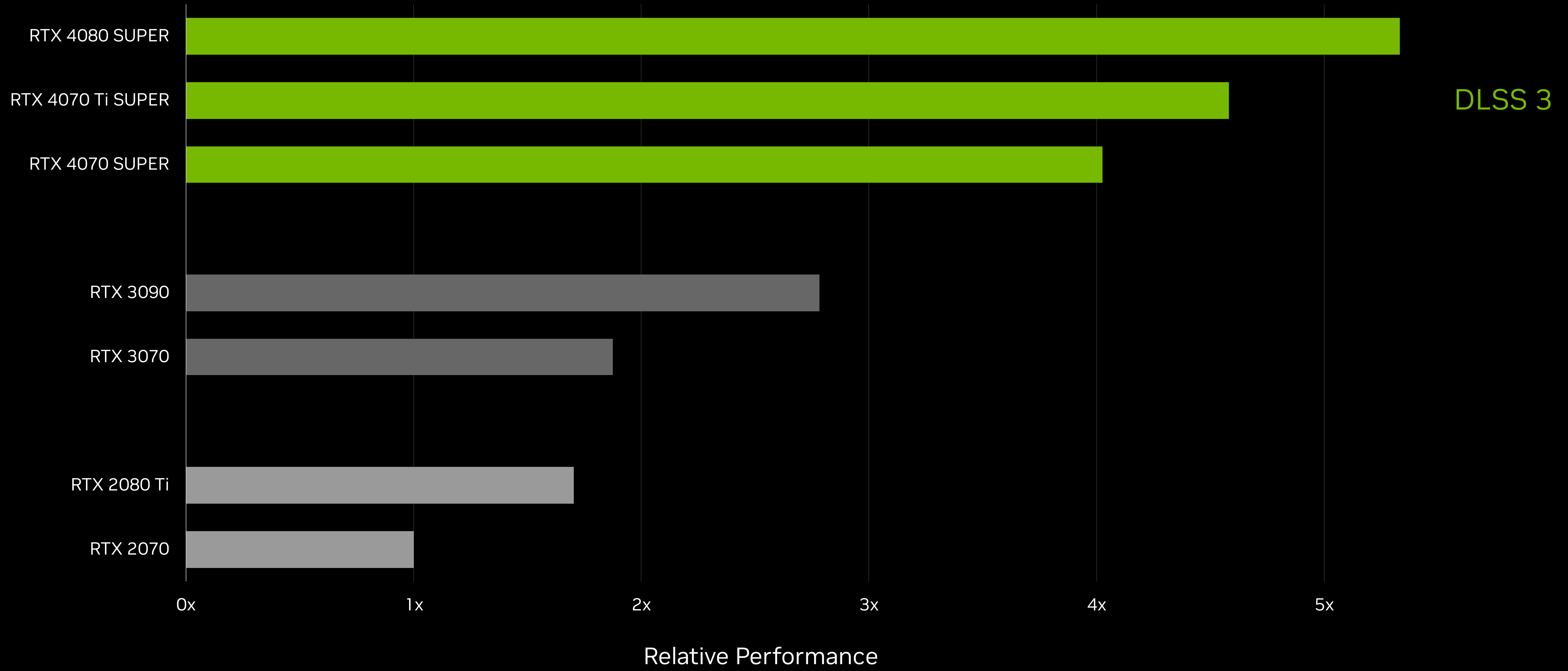
Configuration: i9-12900k, 1440p, Max Settings with DLSS and RT on in games that support it

SUPER UPGRADE



Average performance of 18 games. Configuration: i9-12900k, 1440p, DLSS 2 and RT on in games that support it.

SUPER UPGRADE



Average performance of 18 games. Configuration: i9-12900k, 1440p, DLSS 3 and RT on in games that support it.