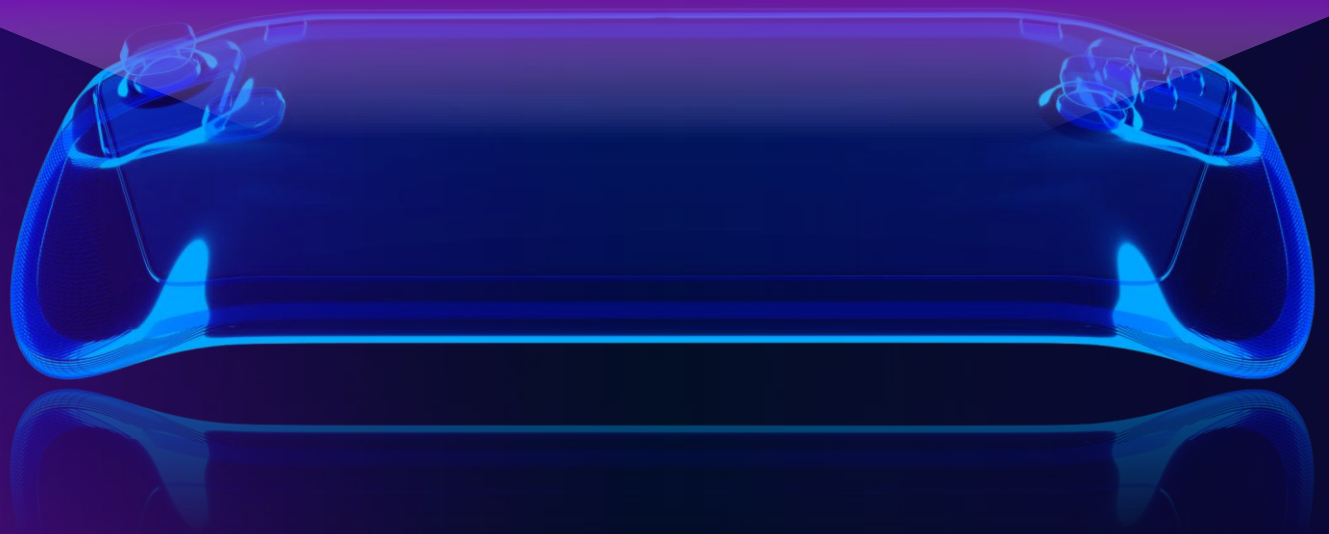
intel

The Next Step in Handheld Gaming

A Vibrant PC Gaming Ecosystem



Handheld Design Challenges

Performance
Smooth, immersive gaming

Integration
Compact, power-optimized design

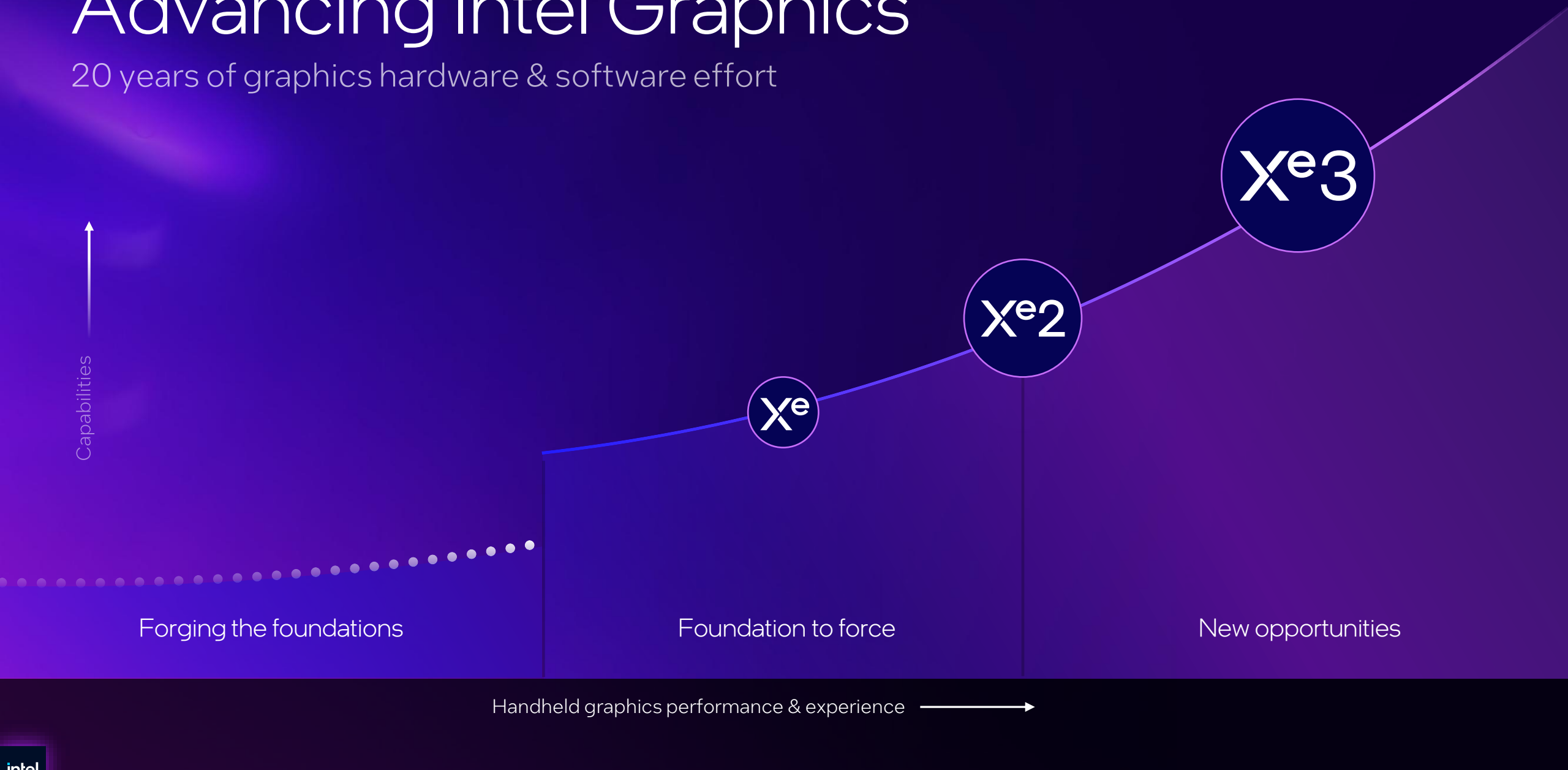
Efficiency
Sustained perf-per-watt & battery life

Software
Broad compatibility, intelligent optimization

intel

Advancing Intel Graphics

20 years of graphics hardware & software effort



intel

A **New Era** for Handheld Graphics

Intel® Core™ Ultra with Arc™ Graphics

Intel® Core™ Ultra 200V series with Arc™ Graphics

intel ARC G

- Early customer experiments
- Deeper customer engagement
- Power management optimizations
- Purpose built SoCs
- Ecosystem partnerships
- Leadership goals

Handheld graphics performance & experience →

intel

INTRODUCING

Intel® Arc™ G3

Family for Handheld Devices

- **PC-class** performance and flexibility
- Up to **42%** faster than competition on average
- Get as much as **11 hours** of gameplay
- **XBOX Mode** support

intel ARC G3

intel ARC G3 EXTREME

Individual system results will vary significantly with different use, battery capacity and other factors.
See intel.com/performanceindex for details.
Not actual images; visualizations for illustrative purposes only.

intel

Intel® Arc™ G3

Family for Handheld Devices

- XeSS AI-based Upscaling
- XeSS AI-based Multi-Frame Gen
- DirectX 12 Ultimate and Ray Tracing
- Efficient Xe3 Architecture
- Intelligent Bias Control
- Endurance Gaming
- Day-0 Driver Optimizations
- Precompiled Shaders
- Wi-Fi 7 + Thunderbolt 4

Not actual images; visualizations for illustrative purposes only.

intel

Engineered for Handheld

Intel® Core™ Ultra Series 3

- Optimized core count
- Optimized I/O
- New power management strategies
- Configurable TDP
- Ecosystem co-engineering

Intel® Arc™ G3 Family

Intel® Arc™ G3 Family

Compute tile

Built on intel 18A

CPU

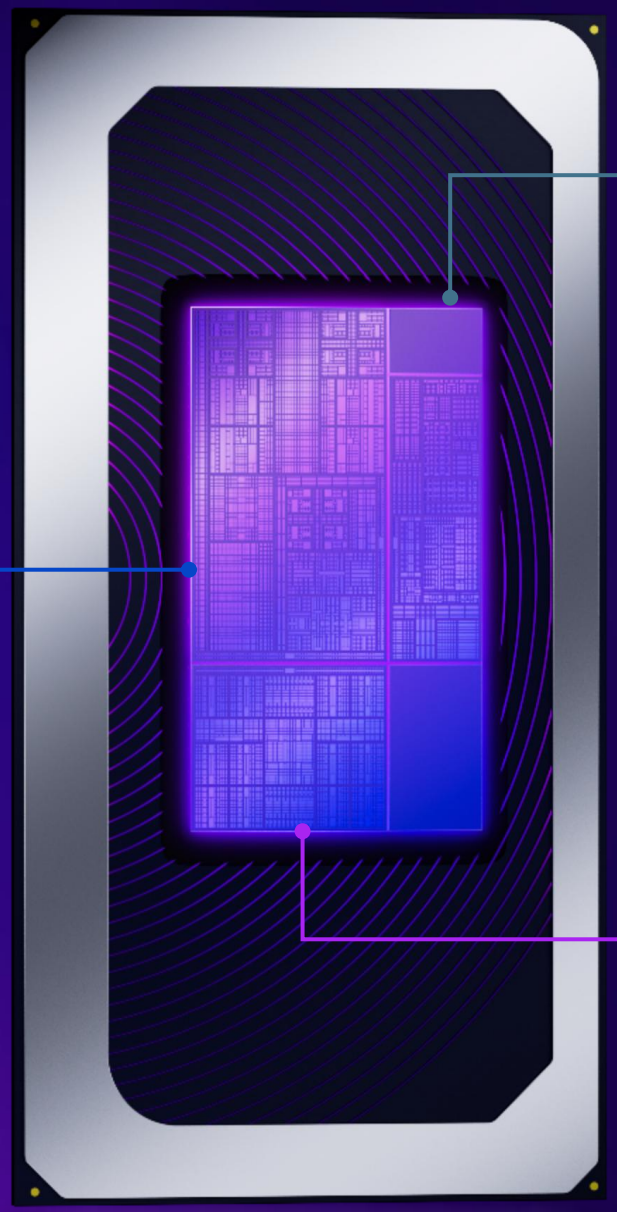
14 cores	P-cores	E-cores	LP E-cores
	2 Cougar Cove	8 Darkmont	4 Darkmont

xPU

NPU 5	Xe Media Engine	Xe Display Engine

Memory

Up to 8533 MT/s LPDDR5x	12MB Intel smart cache	8MB Memory-side cache



Platform controller tile

Built on External

I/O

12 PCIe Lanes	8x PCIe gen 4	4x PCIe gen 5

Up to 2x Thunderbolt™ 4	Wi-Fi 7 (R2) Bluetooth® Core 6.0

GPU tile

Built on External

	G3 Extreme	G3
Xe-cores	12	10
Ray Tracing Units	12	10
XMX AI Engines	96	80

Xe3 Architecture	XeSS3	16MB GPU cache

For more information visit arc.intel.com

intel

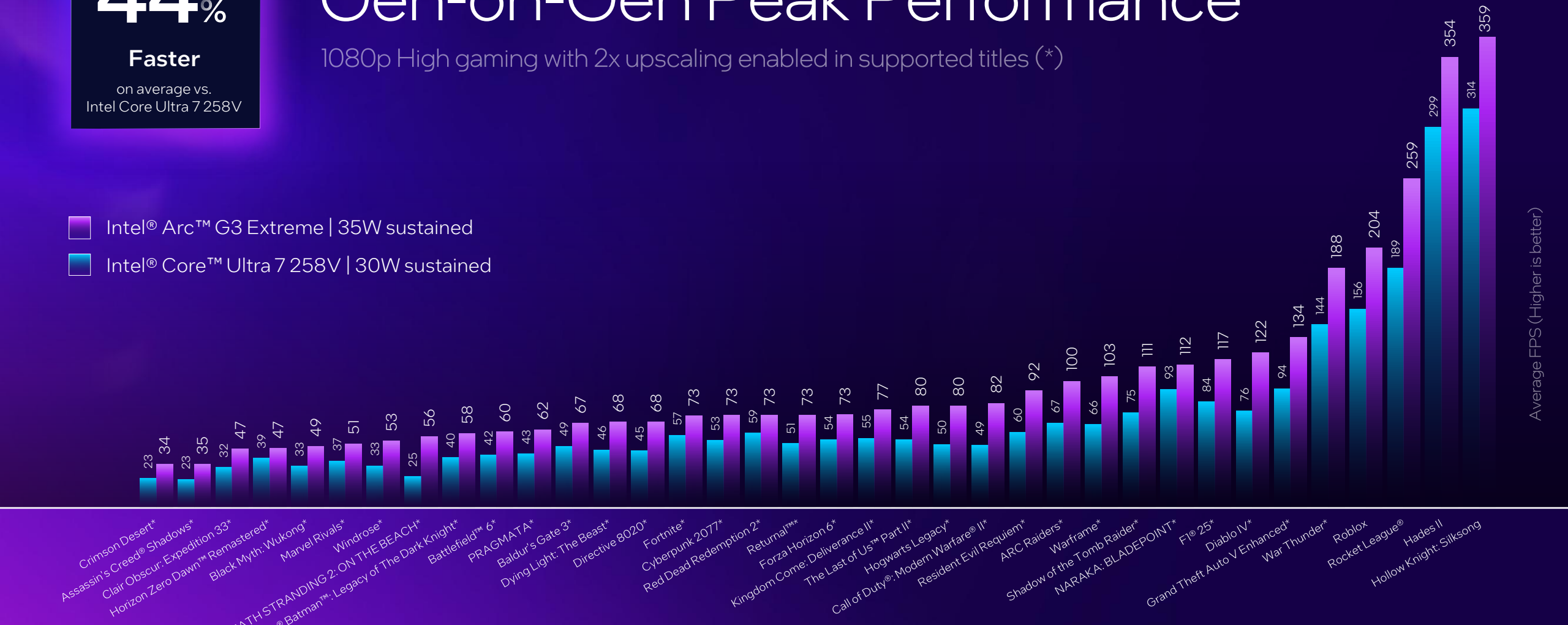
44%

Faster

on average vs.
Intel Core Ultra 7 258V

Gen-on-Gen Peak Performance

1080p High gaming with 2x upscaling enabled in supported titles (*)



Performance varies by use, configuration and other factors. Details at intel.com/performanceindex.

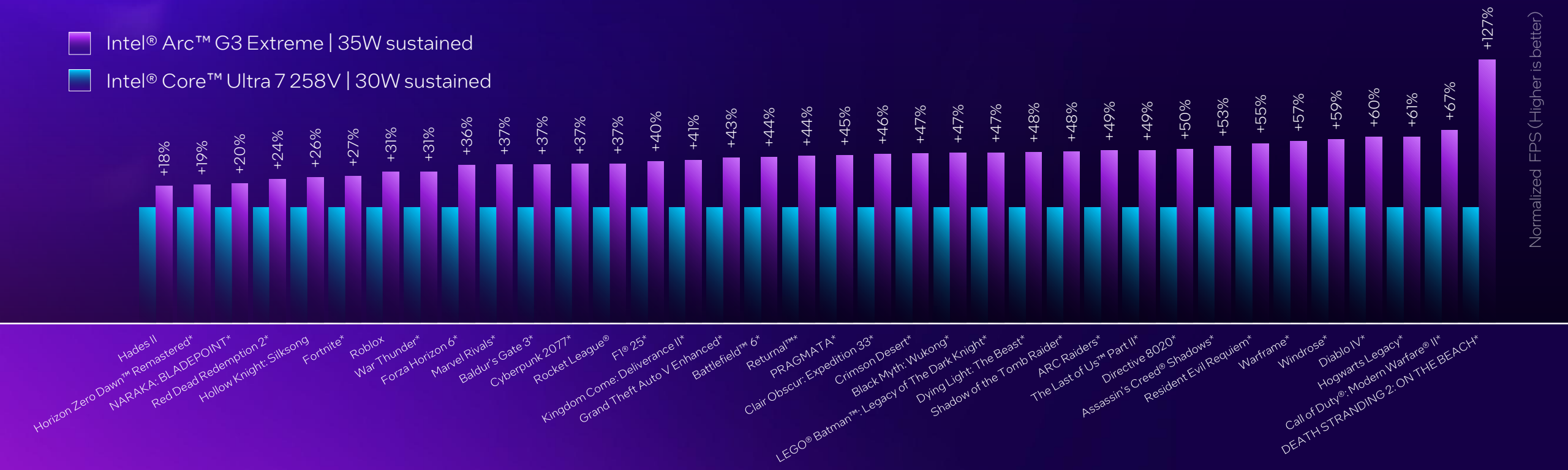
44%

Faster

on average vs.
Intel Core Ultra 7 258V

Gen-on-Gen Peak Performance

1080p High gaming with 2x upscaling enabled in supported titles (*)



Performance varies by use, configuration and other factors. Details at intel.com/performanceindex.

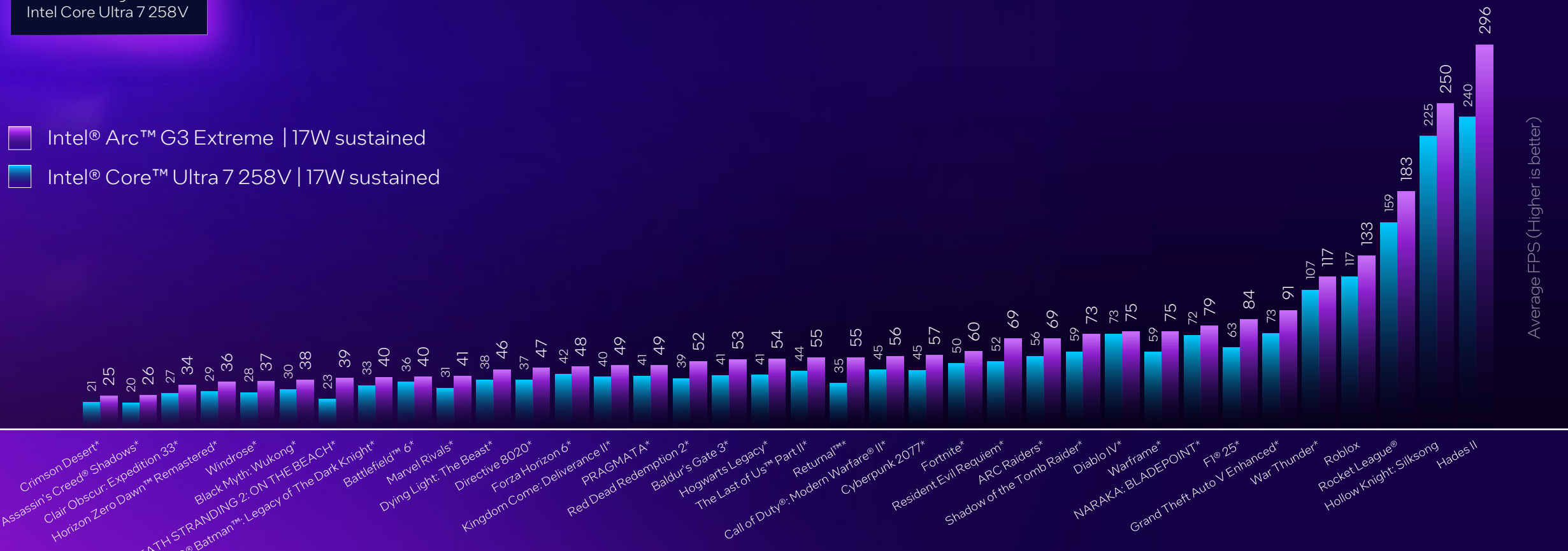
24%

Faster

on average vs.
Intel Core Ultra 7 258V

Gen-on-Gen Performance at 17W

1080p High gaming with 2x upscaling enabled in supported titles (*)



Performance varies by use, configuration and other factors. Details at intel.com/performanceindex.

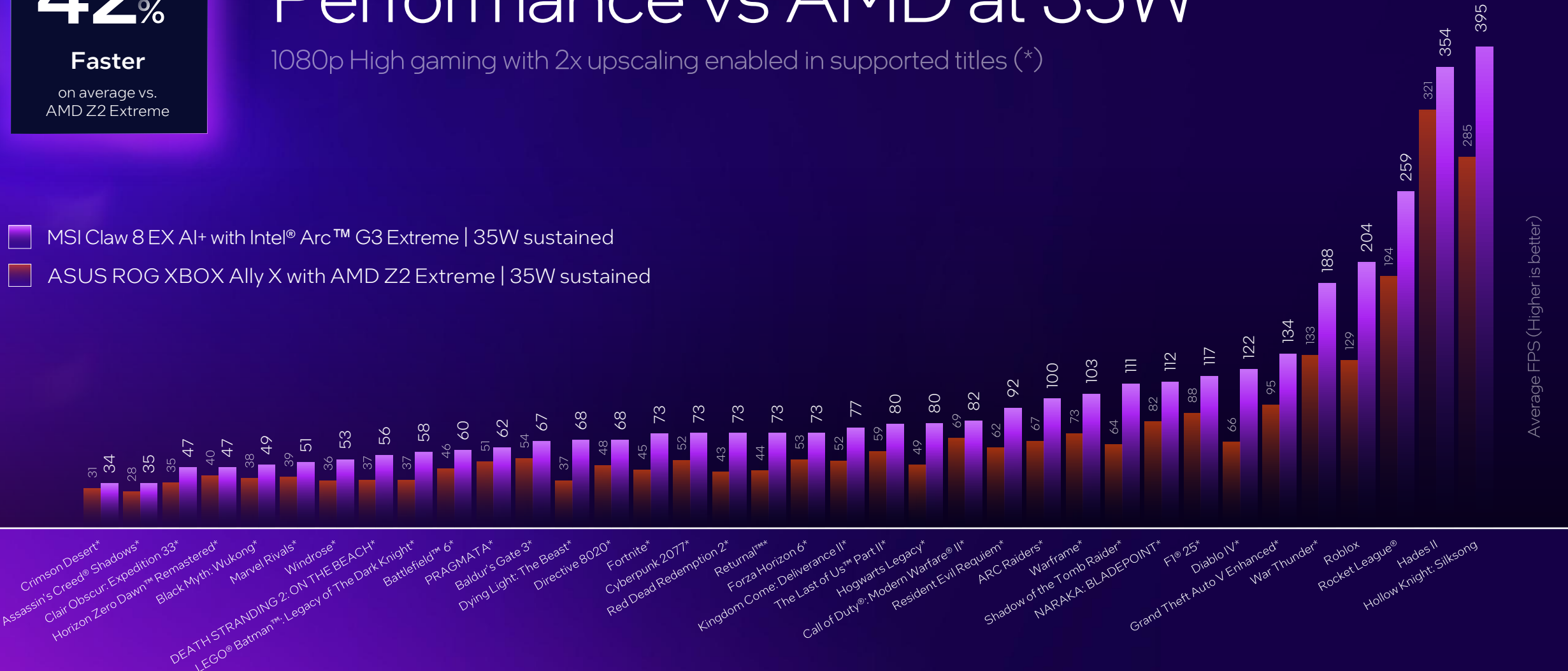
42%

Faster

on average vs.
AMD Z2 Extreme

Performance vs AMD at 35W

1080p High gaming with 2x upscaling enabled in supported titles (*)



Performance varies by use, configuration and other factors. Details at intel.com/performanceindex.

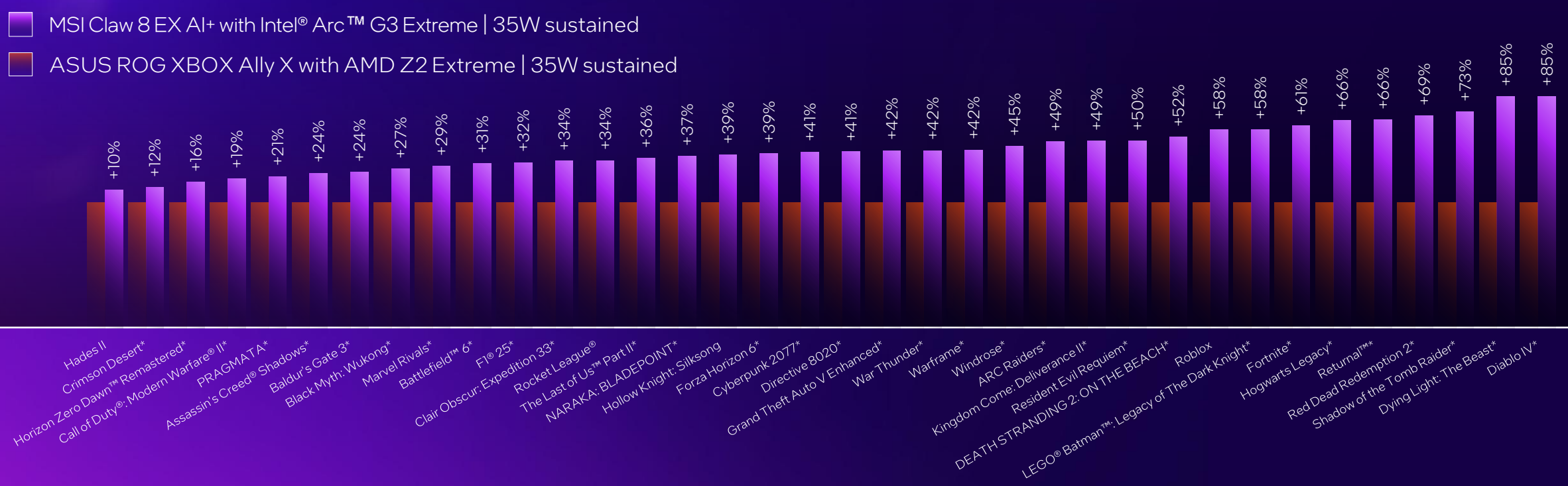
42%

Faster

on average vs.
AMD Z2 Extreme

Performance vs AMD at 35W

1080p High gaming with 2x upscaling enabled in supported titles (*)



Performance varies by use, configuration and other factors. Details at intel.com/performanceindex.

intel

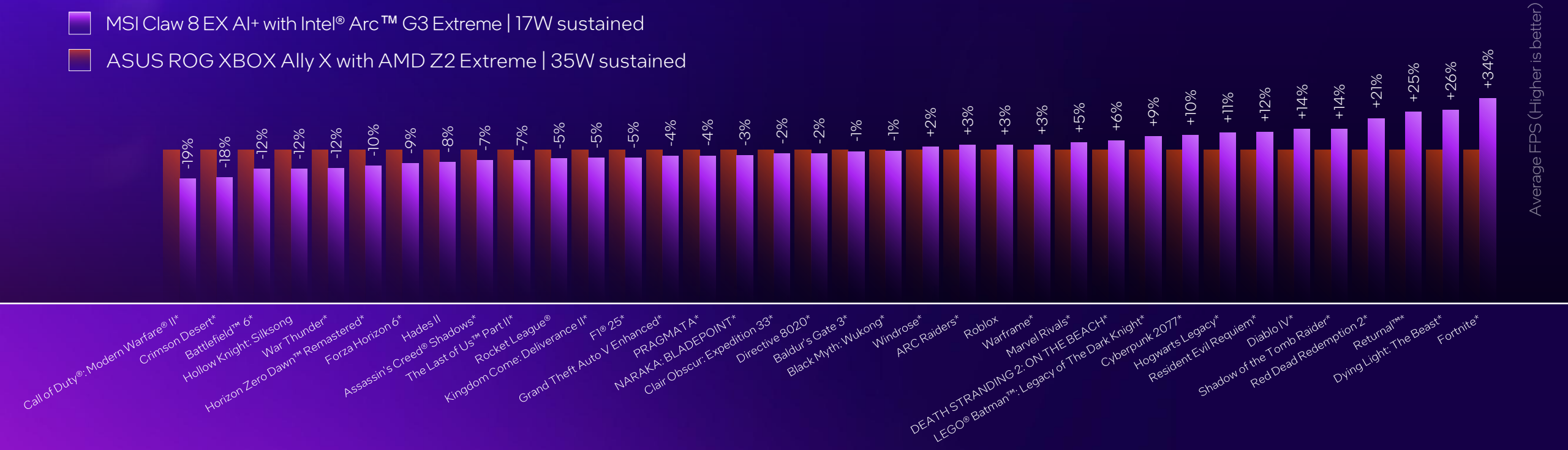
2x

Perf/Watt

on average vs.
AMD Z2 Extreme

Similar Perf at 1/2 Power vs AMD

1080p High gaming at 17W and 35W with 2x upscaling enabled in supported titles



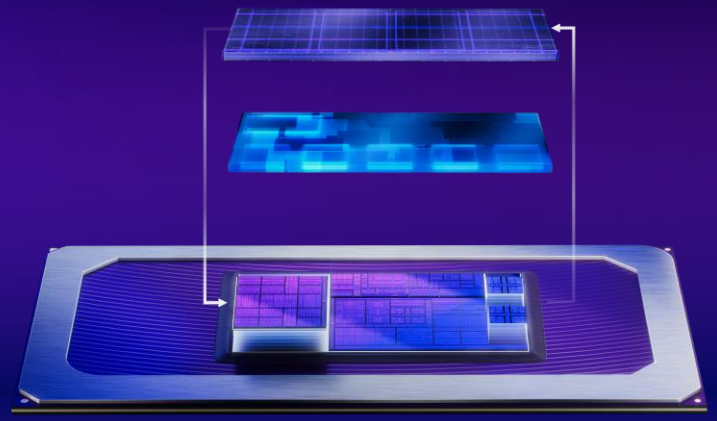
Performance varies by use, configuration and other factors. Details at intel.com/performanceindex.

Intel Gaming Stack

Enhanced gaming experiences, optimized for handheld

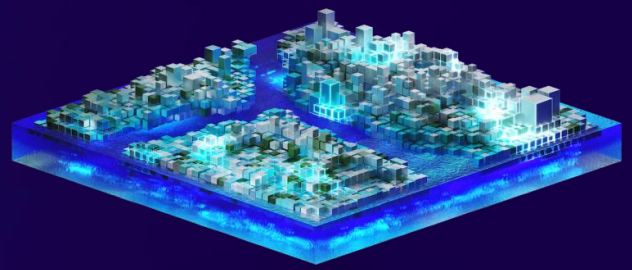
Smoother

- XeSS Super Resolution
- XeSS Multi-Frame Generation



Endurance

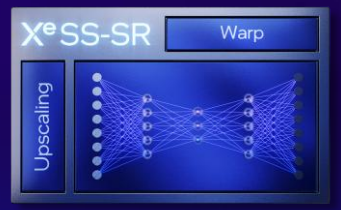
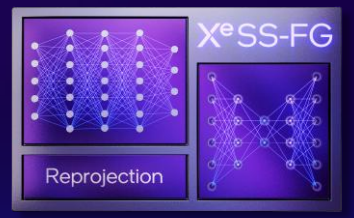
- Intelligent Bias Control
- Endurance Gaming



Compatibility

- Day 0 Game Support
- Precompiled Shaders

XeSS 3

Performance	Smoothness	Responsiveness
		
XeSS Super resolution	**XeSS** Multi-frame generation	**Xe** Low latency

intel

XeSS-MFG

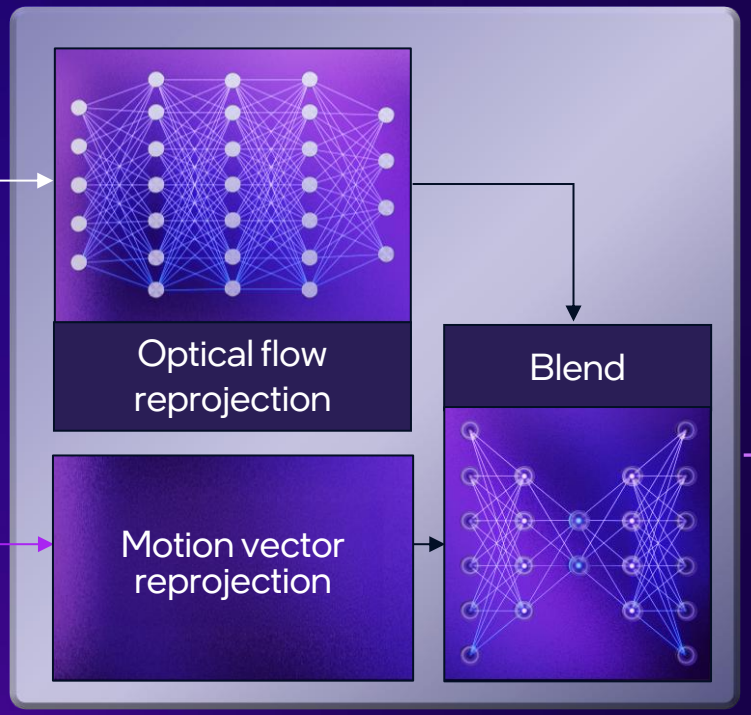
Multi-Frame Generation

Render & super resolution

Full resolution frame renders

Motion vectors

Depth

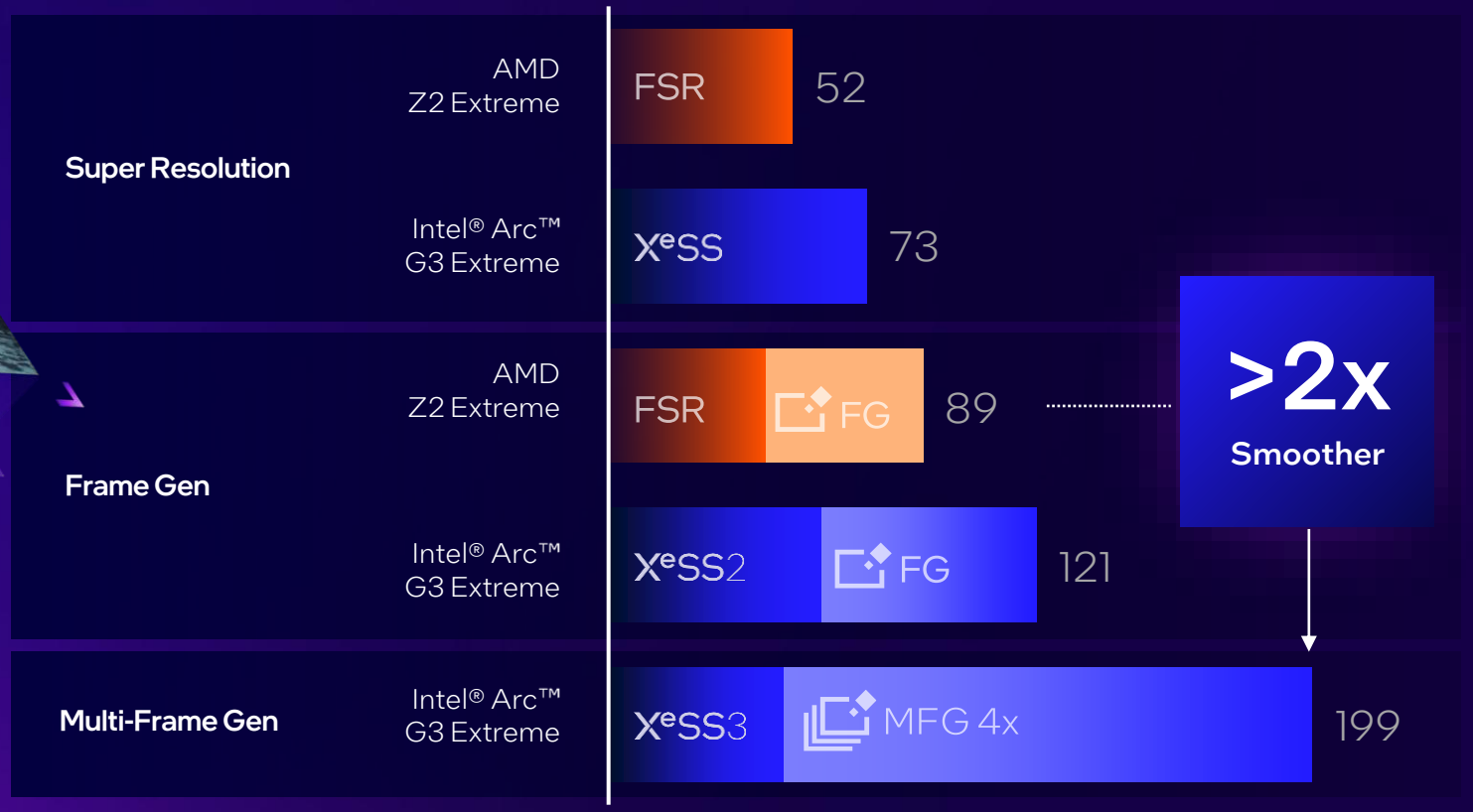


Interpolated frames

UI

Frame Gen is the Way

Cyberpunk 2077 - 1080p High | FPS | higher is smoother



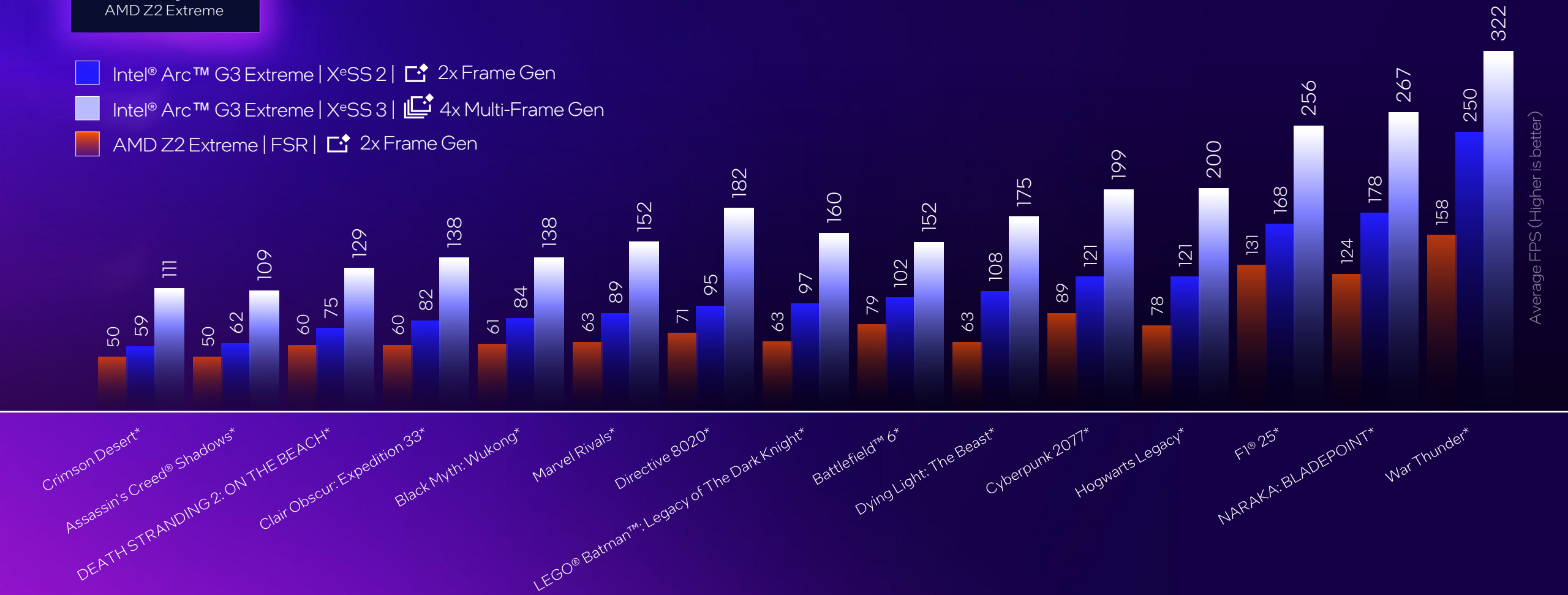
Performance varies by use, configuration and other factors. Details at intel.com/performanceindex.

intel

Frame Gen is the Way

MSI Claw 8 EX AI+ with Intel® Arc™ G3 Extreme vs. ASUS ROG XBOX Ally X with AMD Z2 Extreme

>2x Smoother
on average vs. AMD Z2 Extreme

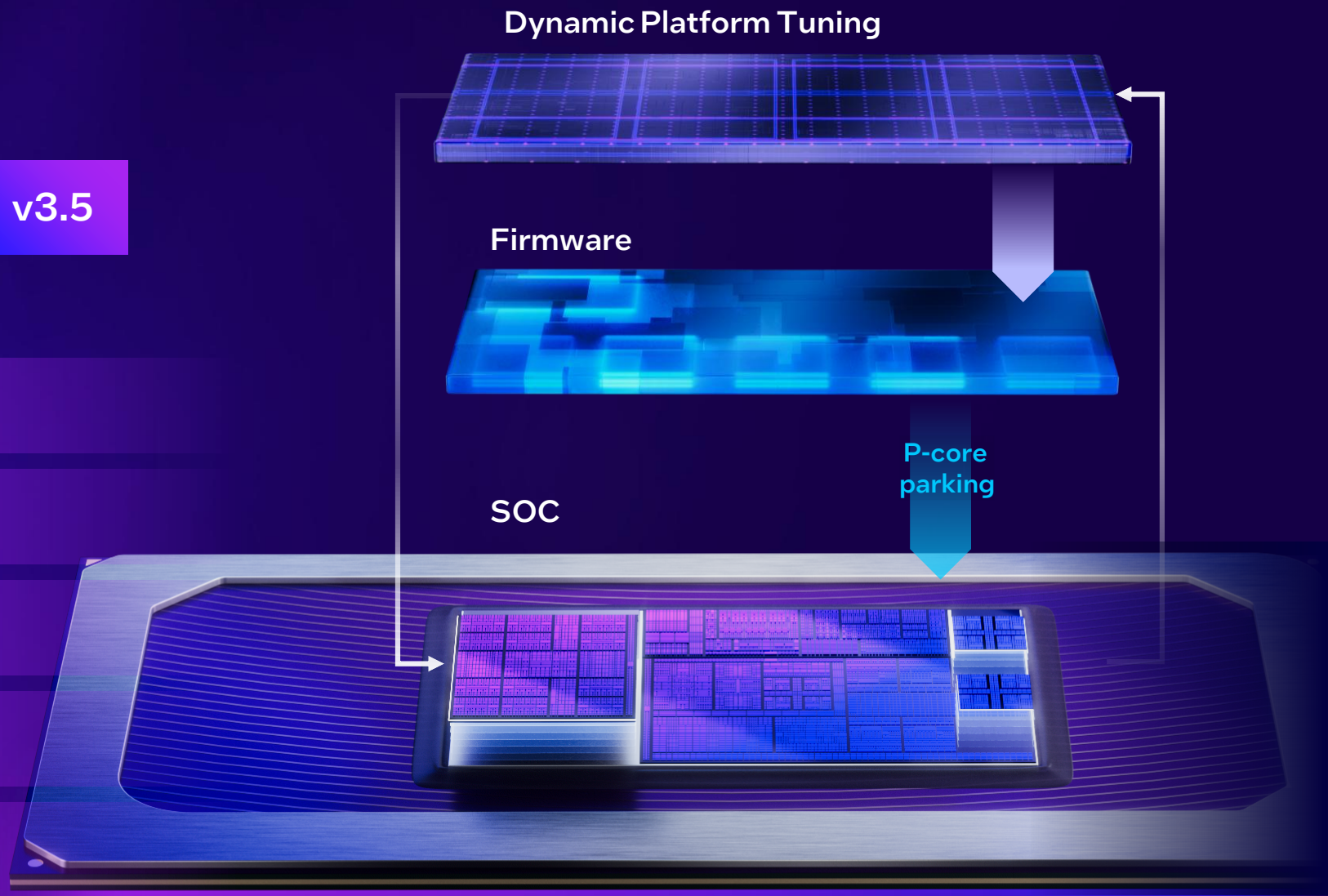


Performance varies by use, configuration and other factors. Details at intel.com/performanceindex.

Intelligent Bias Control

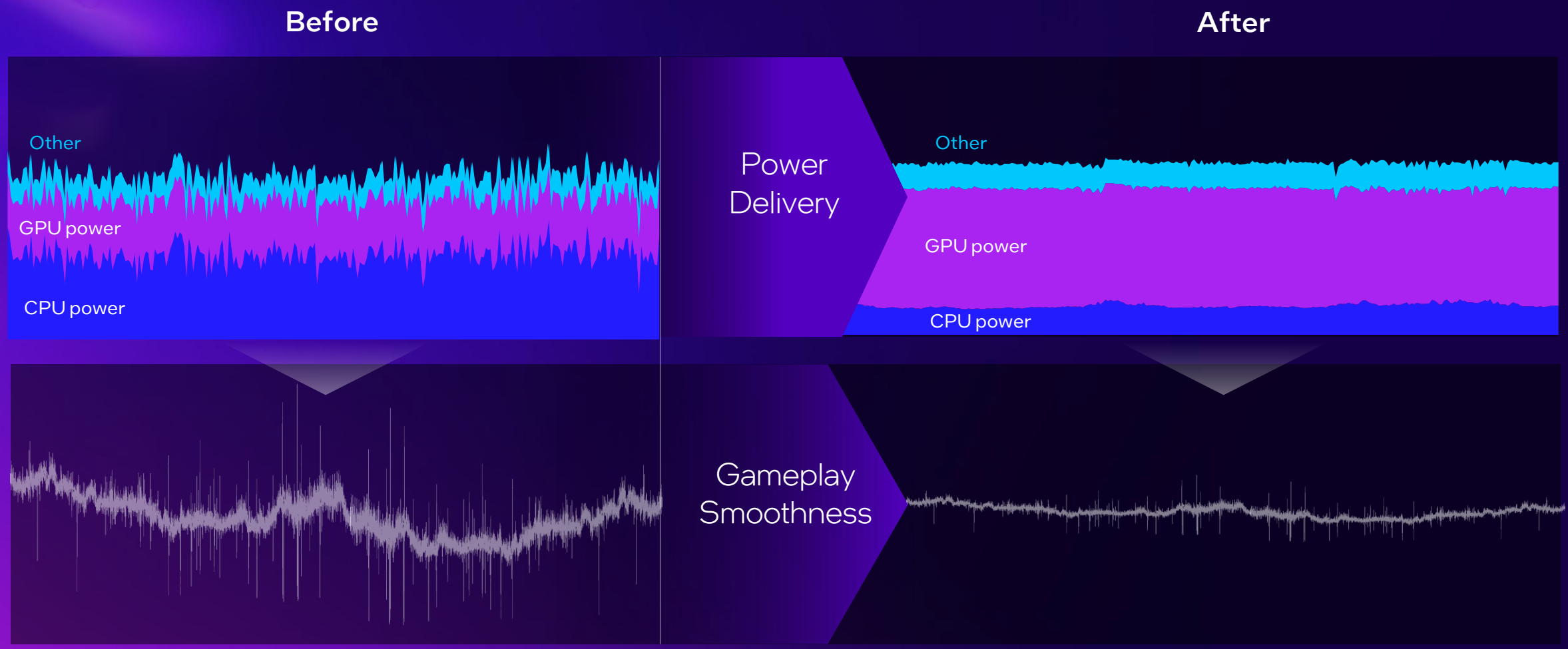
v3.5

- Prioritize GPU frequency
- Stabilize GPU & CPU power share
- Velocity-based algorithm
- E-cores-first scheduling
- P-core parking



Optimized Power Delivery with Platform Tuning

Gives more headroom to larger GPU configurations



Visualization for illustrative purposes only.

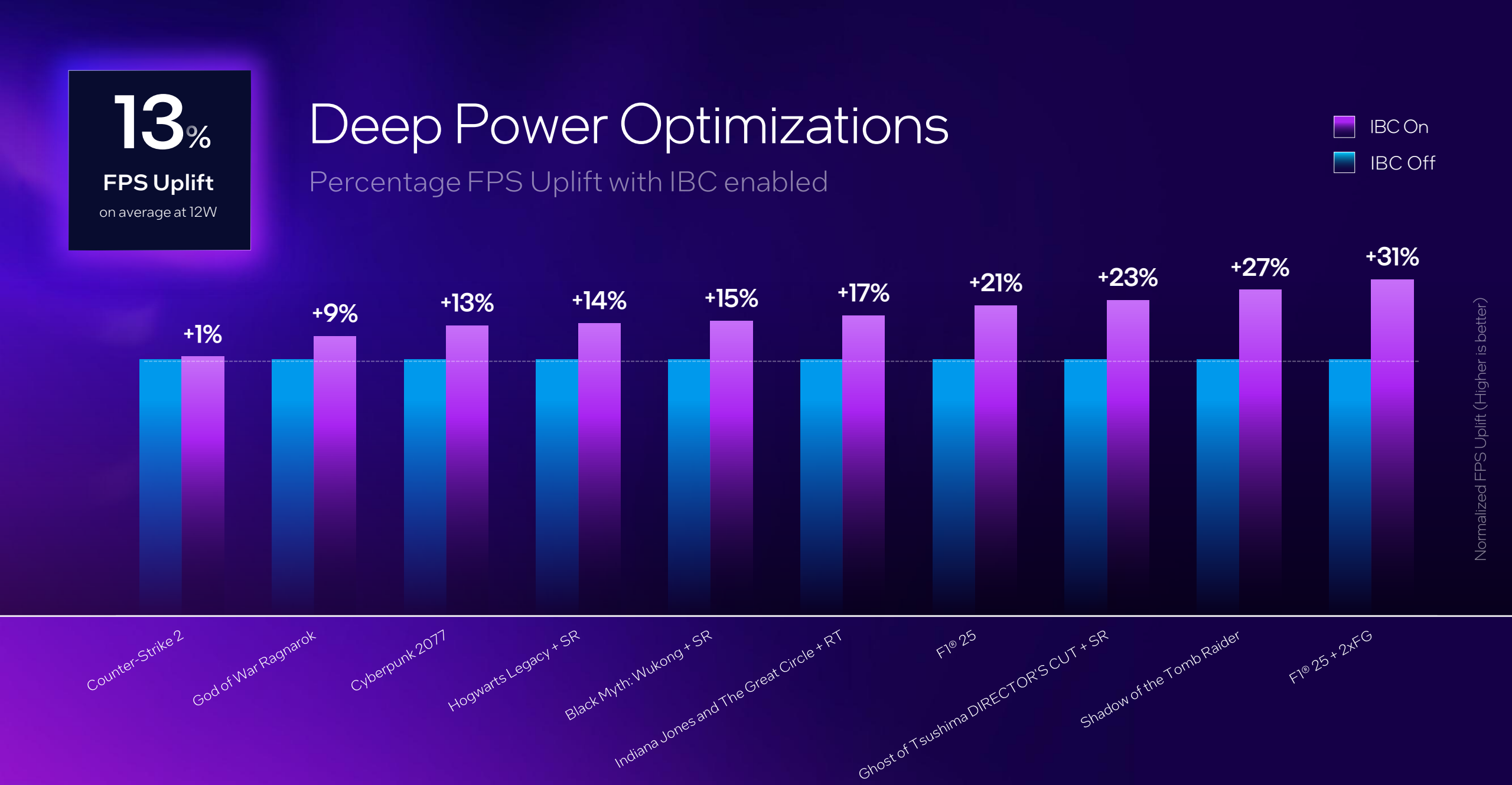
13%

FPS Uplift

on average at 12W

Deep Power Optimizations

Percentage FPS Uplift with IBC enabled



Performance varies by use, configuration and other factors. Details at intel.com/performanceindex.

37%
Faster
on average vs. AMD Z2 Extreme at 12W

Playability at 12W

1080p Low gaming with 2x upscaling enabled in supported titles (*)

Performance varies by use, configuration and other factors. Details at intel.com/performanceindex.

Endurance Gaming

Power savings through aggressive power and frame management

Controllable FPS Settings

30 / 40 / 60 FPS modes available

Longer Battery Life

with stable, playable framerate

Endurance Gaming Technology

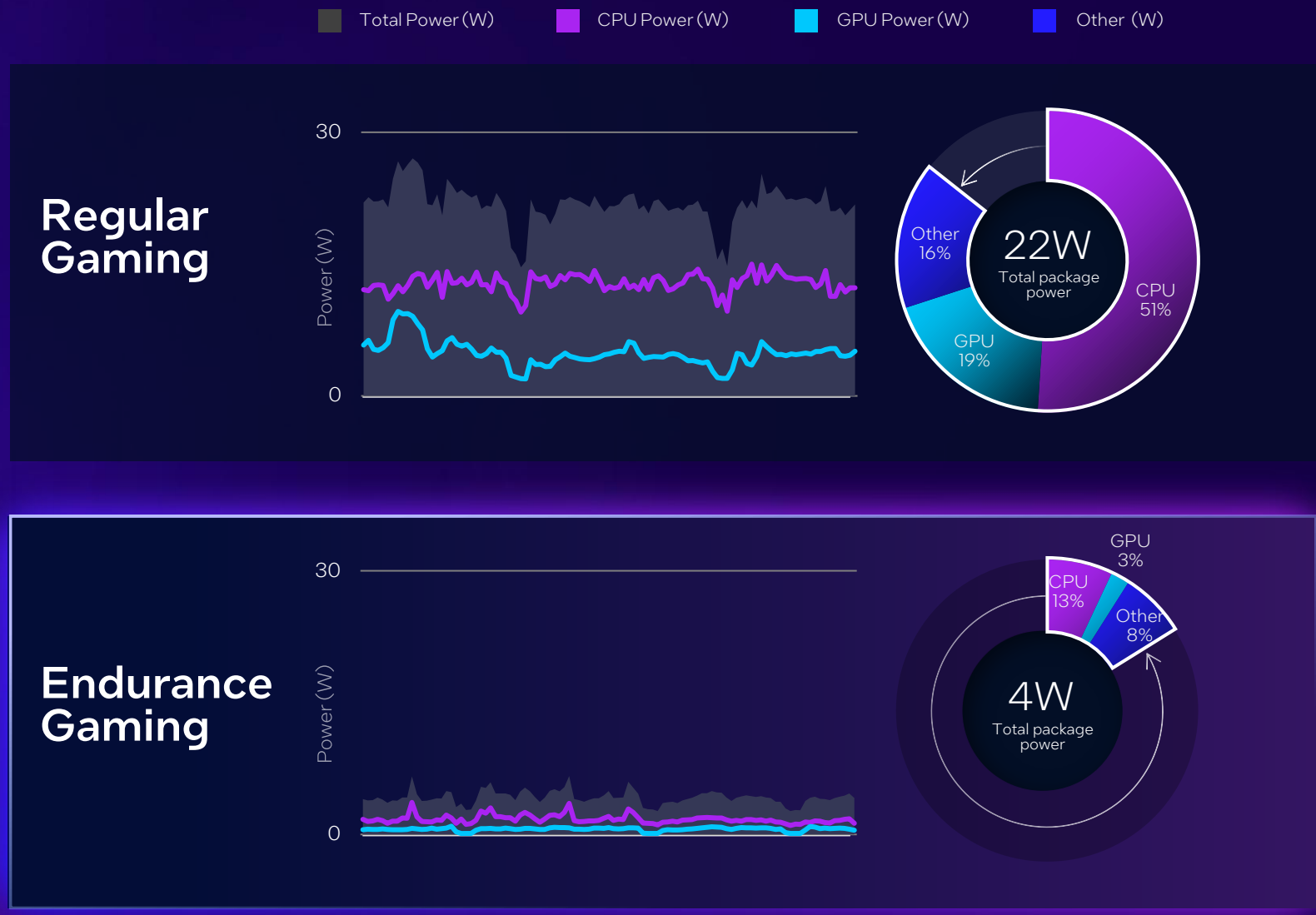
Frame Pacing

SOC Power Control

intel

Endurance Gaming

Regular vs. endurance gaming total package power across 60s of Team Fortress 2 gameplay



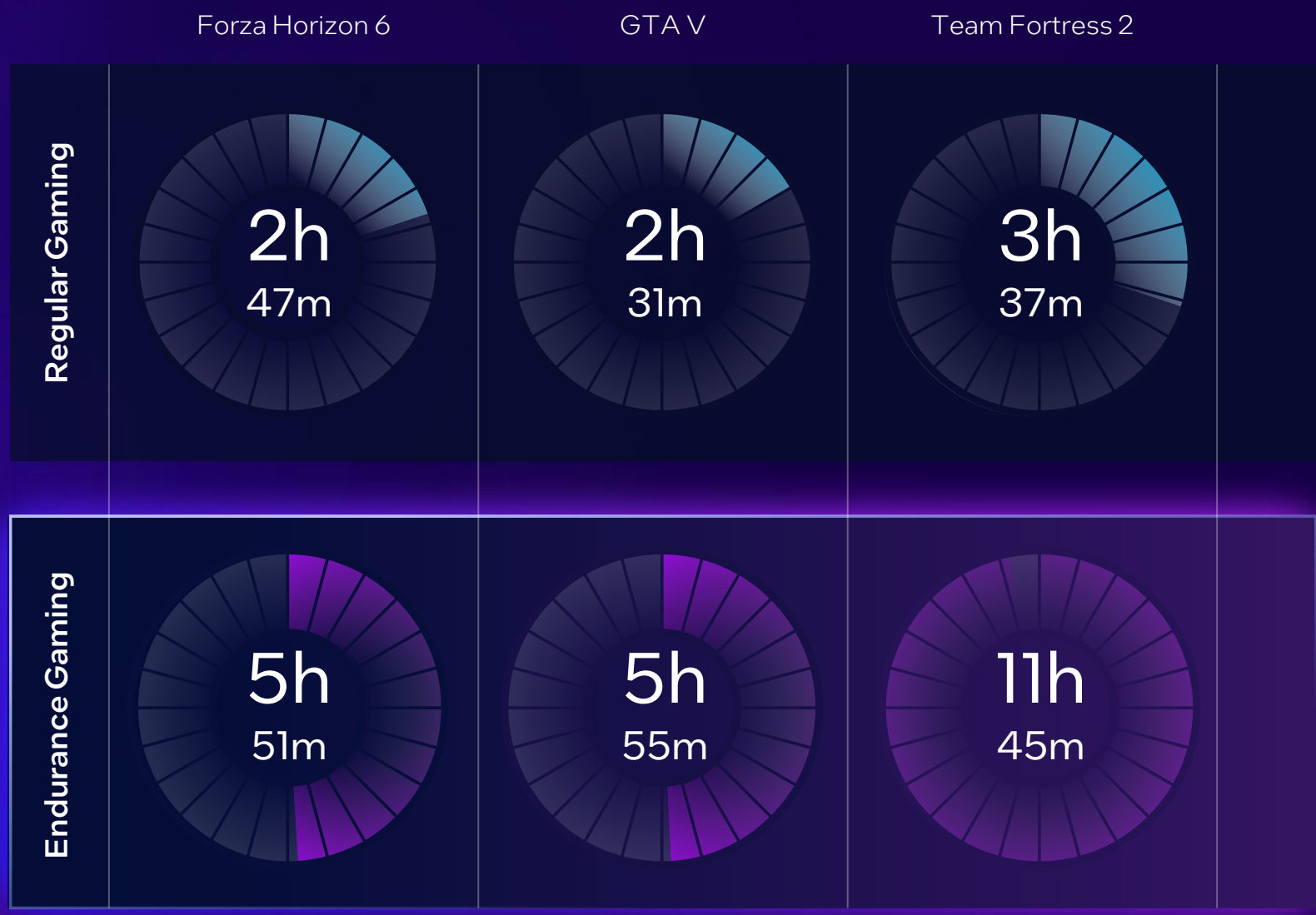
Performance varies by use, configuration and other factors. Details at intel.com/performanceindex.

intel

Endurance Gaming

Battery life when you need it, with as much as **11 hours of gameplay**

On MSI Claw 8 EX AI+ with Intel® Arc™ G3 Extreme | AI Mode

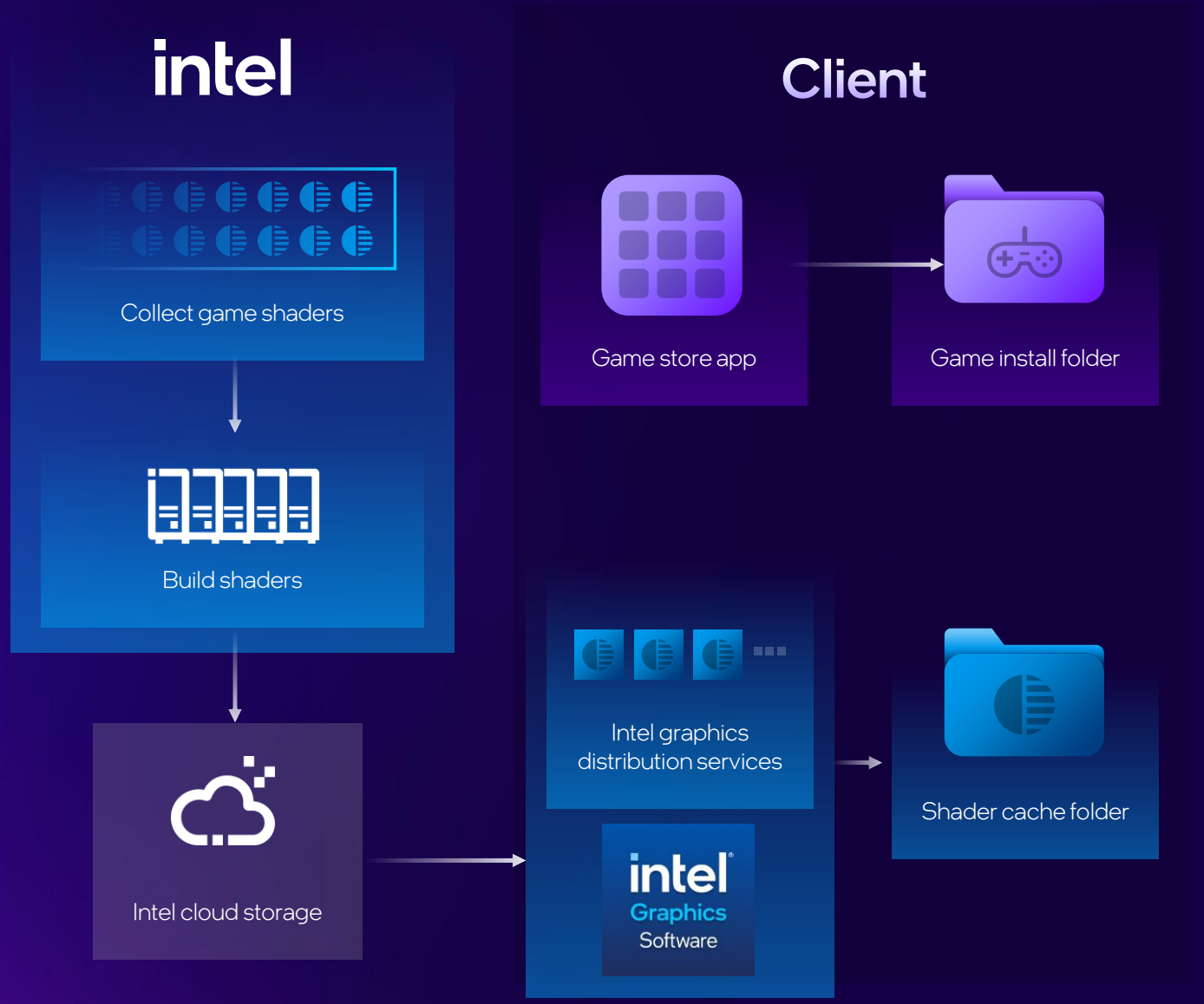


Individual system results will vary significantly with different use, battery capacity and other factors.
See intel.com/performanceindex for details.

intel

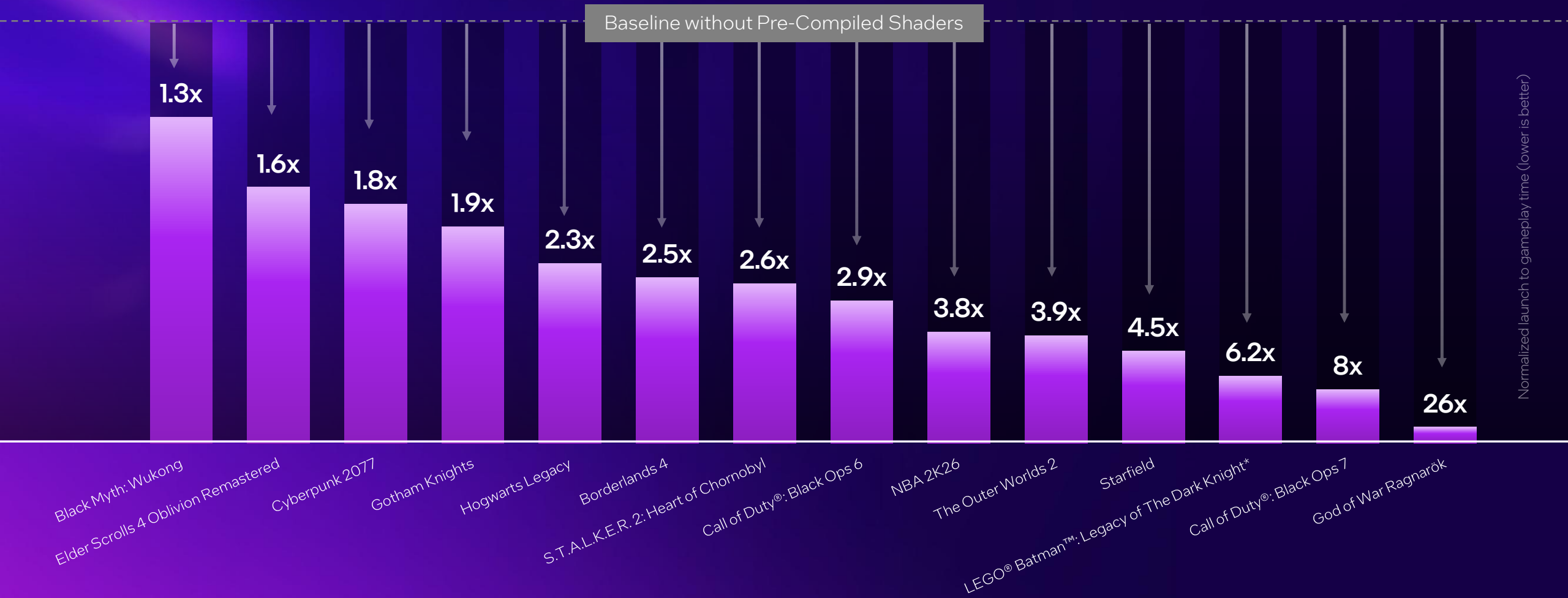
Precompiled Shader Distribution

- Optimized launch times
- Reduced stuttering on 1st launch
- Automatic shader cache updates



>3x Faster Launch with Precompiled Shaders

MSI Claw 8 EX AI+ with Intel® Arc™ G3 Extreme



Performance varies by use, configuration and other factors. Details at intel.com/performanceindex.

Building Developer Mindshare

Since Intel® Arc™ Launch

3000+
NDA early access game builds received and evaluated

1000+
Titles released Intel has engaged with

400+
Games supporting XeSS Super Resolution

500+
Game developers seeded with Intel Arc GPUs

200+
Game launches supported with Day-0 Driver releases

100+
Games supporting XeSS Multi-Frame Generation

44% Faster
on average vs. Intel Core Ultra 7 258V

42% Faster
on average vs. AMD Z2 Extreme

Optimized for Endurance

Day-0 Driver Optimizations

Broad Ecosystem Integration

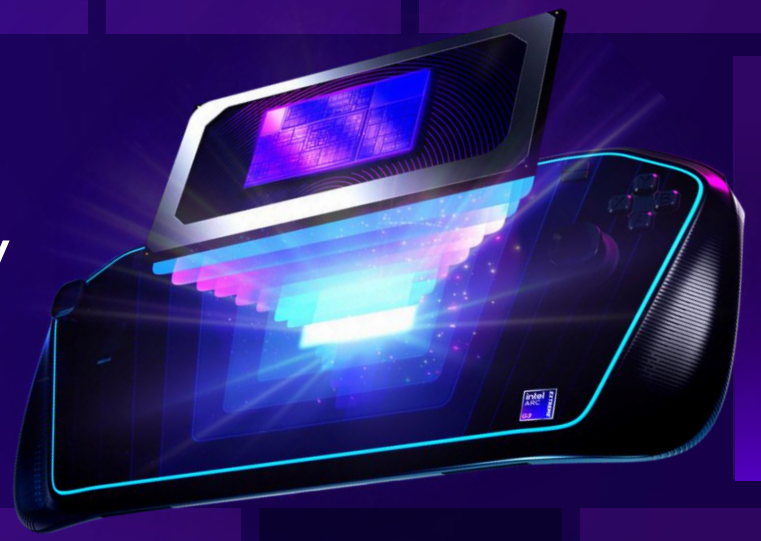
37% Faster
on average vs. AMD Z2 Extreme at 12W

Xe3 Architecture

DirectX XII ULTIMATE & Ray Tracing

More than 3x Faster
on average with Precompiled Shaders

Intel® Arc™ G3 Family



intel ARC G3

intel ARC G3 EXTREME

AI-Based XeSS3
Upscaling & Multi-Frame Gen

XBOX Mode
Controller Optimized
Seamless Task Switcher

Integrated Wi-Fi 7 + Bluetooth 6

Integrated Thunderbolt™ 4

Get as much as 11 Hours of gameplay

Intelligent Bias Control

Individual system results will vary significantly with different use, battery capacity and other factors. See intel.com/performanceindex for details. Not actual images; visualizations for illustrative purposes only.

intel

Notices and Disclaimers

Performance varies by use, configuration and other factors. Learn more at www.intel.com/PerformanceIndex.

Battery life: individual system results will vary significantly with different usages, battery capacity and other OEM design factors.

While Wi-Fi 7 is backward compatible with previous generations, new Wi-Fi 7 features require PCs configured with Intel Wi-Fi 7 solutions, PC OEM enabling, operating system support, and use with appropriate Wi-Fi 7 routers/APs/gateways. 6 GHz Wi-Fi 7 may not be available in all regions. More details at www.Intel.com/performance-wireless.

Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families.

The processor number is one of several factors, along with processor brand, specific system configurations, and system-level benchmarks, to be considered when choosing the right processor for your computing needs. A higher number within a processor class or family generally indicates more features, but it may be more of one and less of another. Once you decide on a specific processor brand and type, compare processor numbers to verify the processor includes the features you are looking for.

Some images may have been altered or simulated and are for illustrative purposes only.

All product plans and roadmaps are subject to change without notice.

No product or component can be absolutely secure. Intel technologies may require enabled hardware, software or service activation.

Your costs and results may vary.

intel

Thank you

intel

MSI Claw 8 EX AI+

Intel Arc G3 Extreme with 12 Xᵉ-cores B390 GPU

XeSS3
AI-Based Upscaling & Multi-Frame Gen

8″
FHD+ 120Hz with VRR

80Wh
Ultra-capacity battery

32GB
LPDDR5x

1TB
PCIe Gen4

Xbox Mode
& App Player support for Android play

WiFi7
& Bluetooth 6

2x
Thunderbolt 4

Hall-effect triggers & joysticks

HD Haptics vibration

Hi-Res DTS Audio

Complete I/O Design

Intel® Arc™ G-Series Processor SKUs

Processor Brand & Number	CPU				GPU				Intel® Platform Eligibility		I/O & Memory					Power
	Total Cores & Threads	P-core Max Turbo Freq (GHz)	Intel® Smart Cache LLC (MB)	NPU PTOPS[1]	Graphics Brand	Total Xᵉ -cores	Max Freq (GHz)	GPU PTOPS[2]	Intel vPro® Eligible	Intel® SIPP	Total Platform PCIe Lanes, CPU PCIe Config	Thunderbolt™ Technology	Wi-Fi, Bluetooth®	Maximum Memory Speed (MT/s)	Maximum Memory Capacity (GB)	Configurable TDP Range (W)
Intel® Arc™ G3 Extreme	14	4.7	12	46	Intel Arc B390	12	2.3	113	No	No	12 PCIe lanes (x8 G4, x4 G5)	Integrated 2x TBT4	Integrated Wi-Fi 7 R2 /Dual BT6	LP5/X 8533	96	8 - 35
Intel® Arc™ G3		4.6			Intel Arc B370	10	2.2	90								8 - 30

Intel® processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families.

All processors are lead-free (per EU RoHS directive July 2006) and halogen free (residual amounts of halogens are below November 2007 proposed IPC/JEDEC J-STD-709 standards).

All processors support Intel® Virtualization Technology (Intel® VT-x, VT-d), Intel® Trusted Execution Technology (Intel® TXT), and the Secured-core PC specification.

1. Neural Processing Unit (NPU) and GPU based Peak Tera Operations Per Second (PTOPS) is a calculated value based on several assumptions about operating conditions, including but not limited to maximum frequency, data type, and other design and workload parameters.
2. Intel® Xᵉ Matrix eXtensions (Intel® XMX) are specialized AI engines that operate on systolic arrays resulting in high value of calculated PTOPS based on assumptions about certain operating conditions that directly benefit in accelerating AI workloads.

Appendix

Claim	Claim Details/Citation
44% better gaming performance with an Intel® Arc™ G3 Extreme vs. Intel® Core™ Ultra 7 258V	As measured by Geomean of average game performance across 36 game titles with 35W sustained power at 1080p High with 2x upscaling when supported on MSI Claw 8 EX AI+ vs. MSI Claw 8 AI+. Tested May 2026. Results may vary. Processor: Intel Arc G3 Extreme; tested in MSI Claw 8 EX AI+ pre-production system; Memory: 32GB LPDDR5X 8533; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; 32.0.101.8801; NPU Driver: 32.0.100.4724; BIOS: E1T91IMS.105; Power Plan set to Balanced, Power Mode set to "Best Performance"; MSI Center M = Manual, PL1=35, PL2=37W. Battery Size: 80Whr Processor: Intel Core Ultra 7 258V; tested in MSI Claw 8 AI+ A2VM with sustained PL1=30W; Memory: 32GB LPDDR5X 8533; Storage: Corsair MP600 Mini 2TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; Graphics Driver: 32.0.101.8801; NPU Driver: 32.0.100.4724; BIOS: E1T52IMS.112; Power Plan set to Balanced, Power Mode set to "Best Performance"; MSI Center M = Manual, PL1=30, PL2=32. Battery Size: 80Whr
24% better gaming performance with an Intel® Arc™ G3 Extreme vs. Intel® Core™ Ultra 7 258V	As measured by Geomean of average game performance across 36 game titles with 17W sustained power at 1080p High with 2x upscaling when supported on MSI Claw 8 EX AI+ vs. MSI Claw 8 AI+. Tested May 2026. Results may vary. Processor: Intel Arc G3 Extreme; tested in MSI Claw 8 EX AI+ pre-production system; Memory: 32GB LPDDR5X 8533; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; 32.0.101.8801; NPU Driver: 32.0.100.4724; BIOS: E1T91IMS.105; Power Plan set to Balanced, Power Mode set to "Best Performance"; MSI Center M = Manual, PL1=17, PL2=19W. Battery Size: 80Whr Processor: Intel Core Ultra 7 258V; tested in MSI Claw 8 AI+ A2VM with sustained PL1=17W; Memory: 32GB LPDDR5X 8533; Storage: Corsair MP600 Mini 2TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; Graphics Driver: 32.0.101.8801; NPU Driver: 32.0.100.4724; BIOS: E1T52IMS.112; Power Plan set to Balanced, Power Mode set to "Best Performance"; MSI Center M = Manual, PL1=17, PL2=19. Battery Size: 80Whr
42% better gaming performance with an Intel® Arc™ G3 Extreme vs. AMD Ryzen™ Z2 Extreme	As measured by Geomean of average game performance across 36 game titles with 35W sustained power at 1080p High with 2x upscaling when supported on MSI Claw 8 EX AI+ vs. ASUS ROG Xbox Ally X. Tested May 2026. Results may vary. Processor: Intel Arc G3 Extreme; tested in MSI Claw 8 EX AI+ pre-production system; Memory: 32GB LPDDR5X 8533; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; 32.0.101.8801; NPU Driver: 32.0.100.4724; BIOS: E1T91IMS.105; Power Plan set to Balanced, Power Mode set to "Best Performance"; MSI Center M = Manual, PL1=35, PL2=37W. Battery Size: 80Whr Processor: AMD Ryzen Z2 Extreme; tested in ASUS ROG XBOX Ally X; Memory: 24GB LPDDR5X 8000; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; Graphics Driver: 32.0.23027.5004; NPU Driver: 32.0.203.329; BIOS: RC73XA.317; Power Plan set to Balanced, Power Mode set to "Best Performance"; Armoury Crate = Manual, SPL: 35; SPPT: 36W; FPPT: 44W. Battery Size: 80Whr
20% better gaming performance with an Intel® Arc™ G3 Extreme vs. AMD Ryzen™ Z2 Extreme	As measured by Geomean of average game performance across 36 game titles with 17W sustained power at 1080p High with 2x upscaling when supported on MSI Claw 8 EX AI+ vs. ASUS ROG Xbox Ally X. Tested May 2026. Results may vary. Processor: Intel Arc G3 Extreme; tested in MSI Claw 8 EX AI+ pre-production system; Memory: 32GB LPDDR5X 8533; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; 32.0.101.8801; NPU Driver: 32.0.100.4724; BIOS: E1T91IMS.105; Power Plan set to Balanced, Power Mode set to "Best Performance"; MSI Center M = Manual, PL1=17, PL2=19W. Battery Size: 80Whr Processor: AMD Ryzen Z2 Extreme; tested in ASUS ROG XBOX Ally X; Memory: 24GB LPDDR5X 8000; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 2880x1620; OS: Windows 11 26200.8457; Graphics Driver: 32.0.23027.5004; NPU Driver: 32.0.203.329; BIOS: RC73XA.317; Power Plan set to Balanced, Power Mode set to "Best Performance"; Armoury Crate = Manual, SPL: 17; SPPT: 18W; FPPT: 22W. Battery Size: 80Whr

Appendix

Claim	Claim Details/Citation
2x performance per watt with an Intel® Arc™ G3 Extreme vs. AMD Ryzen™ Z2 Extreme	As measured by Geomean of average game performance across 36 game titles with Arc G3 Extreme at 17W sustained power and AMD Ryzen Z2 Extreme at 35W at 1080p High with 2x upscaling when supported on MSI Claw 8 EX AI+ vs. ASUS ROG Xbox Ally X. Tested May 2026. Results may vary. Processor: Intel Arc G3 Extreme; tested in MSI Claw 8 EX AI+ pre-production system; Memory: 32GB LPDDR5X 8533; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; 32.0.101.8801; NPU Driver: 32.0.100.4724; BIOS: E1T91IMS.105; Power Plan set to Balanced, Power Mode set to "Best Performance"; MSI Center M = Manual, PL1=17, PL2=19W. Battery Size: 80Whr Processor: AMD Ryzen Z2 Extreme; tested in ASUS ROG XBOX Ally X; Memory: 24GB LPDDR5X 8000; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; Graphics Driver: 32.0.23027.5004; NPU Driver: 32.0.203.329; BIOS: RC73XA.317; Power Plan set to Balanced, Power Mode set to "Best Performance"; Armoury Crate = Manual, SPL: 35; SPPT: 36W; FPPT: 44W. Battery Size: 80Whr
Greater than 2x smoother with an Intel® Arc™ G3 Extreme vs. AMD Ryzen™ Z2 Extreme	As measured on Cyberpunk 2077 with Arc G3 Extreme at 35W sustained power and AMD Ryzen Z2 Extreme at 35W at 1080p High with 2x upscaling, XeSS or FSR frame generation, and XeSS multi frame generation enabled on MSI Claw 8 EX AI+ vs. ASUS ROG Xbox Ally X. Tested May 2026. Results may vary. Processor: Intel Arc G3 Extreme; tested in MSI Claw 8 EX AI+ pre-production system; Memory: 32GB LPDDR5X 8533; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; 32.0.101.8801; NPU Driver: 32.0.100.4724; BIOS: E1T91IMS.105; Power Plan set to Balanced, Power Mode set to "Best Performance"; MSI Center M = Manual, PL1=35, PL2=37W. Battery Size: 80Whr Processor: AMD Ryzen Z2 Extreme; tested in ASUS ROG XBOX Ally X; Memory: 24GB LPDDR5X 8000; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; Graphics Driver: 32.0.23027.5004; NPU Driver: 32.0.203.329; BIOS: RC73XA.317; Power Plan set to Balanced, Power Mode set to "Best Performance"; Armoury Crate = Manual, SPL: 35; SPPT: 36W; FPPT: 44W. Battery Size: 80Whr
Greater than 2x smoother than the competition with an Intel® Arc™ G3 Extreme vs. AMD Ryzen™ Z2 Extreme	As measured by Geomean of average game performance across 15 game titles with Arc G3 Extreme at 35W sustained power and AMD Ryzen Z2 Extreme at 35W at 1080p High with 2x upscaling, XeSS or FSR frame generation, and XeSS multi frame generation enabled when supported on MSI Claw 8 EX AI+ vs. ASUS ROG Xbox Ally X. Tested May 2026. Results may vary. Processor: Intel Arc G3 Extreme; tested in MSI Claw 8 EX AI+ pre-production system; Memory: 32GB LPDDR5X 8533; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; 32.0.101.8801; NPU Driver: 32.0.100.4724; BIOS: E1T91IMS.105; Power Plan set to Balanced, Power Mode set to "Best Performance"; MSI Center M = Manual, PL1=35, PL2=37W. Battery Size: 80Whr Processor: AMD Ryzen Z2 Extreme; tested in ASUS ROG XBOX Ally X; Memory: 24GB LPDDR5X 8000; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; Graphics Driver: 32.0.23027.5004; NPU Driver: 32.0.203.329; BIOS: RC73XA.317; Power Plan set to Balanced, Power Mode set to "Best Performance"; Armoury Crate = Manual, SPL: 35; SPPT: 36W; FPPT: 44W. Battery Size: 80Whr
More than 3x faster on average game load times with precompiled shader delivery	As measured by Geomean of average game load time across 14 supported game titles with 35W sustained power at 1080p High with 2x upscaling when supported on MSI Claw 8 EX AI+. Tested May 2026. Results may vary. Processor: Intel Arc G3 Extreme; tested in MSI Claw 8 EX AI+ pre-production system; Memory: 32GB LPDDR5X 8533; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; 32.0.101.8801; NPU Driver: 32.0.100.4724; BIOS: E1T91IMS.105; Power Plan set to Balanced, Power Mode set to "Best Performance"; MSI Center M = Manual, PL1=35, PL2=37W. Battery Size: 80Whr
13% average FPS uplift with Intelligent Bias Control	As measured by Geomean of average game performance improvement across 8 game titles with 12W sustained power with 2x upscaling when supported on MSI Claw 8 EX AI+, with Intelligent Bias Control (IBC) enabled and disabled. Tested May 2026. Results may vary. Processor: Intel Arc G3 Extreme; tested in MSI Claw 8 EX AI+ pre-production system; Memory: 32GB LPDDR5X 8533; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; 32.0.101.8801; NPU Driver: 32.0.100.4724; BIOS: E1T91IMS.105; Power Plan set to Balanced, Power Mode set to "Best Performance"; MSI Center M = Manual, PL1=12, PL2=14W. Battery Size: 80Whr

Appendix

Claim	Claim Details/Citation
37% better gaming performance with an Intel® Arc™ G3 Extreme vs. AMD Ryzen™ Z2 Extreme	As measured by Geomean of average game performance across 20 game titles with 12W sustained power at 1080p Low with 2x upscaling when supported on MSI Claw 8 EX AI+ vs. ASUS ROG Xbox Ally X. Tested May 2026. Results may vary. Processor: Intel Arc G3 Extreme; tested in MSI Claw 8 EX AI+ pre-production system; Memory: 32GB LPDDR5X 8533; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; 32.0.101.8801; NPU Driver: 32.0.100.4724; BIOS: E1T91IMS.105; Power Plan set to Balanced, Power Mode set to "Best Performance"; MSI Center M = Manual, PL1=12, PL2=14W. Battery Size: 80Whr Processor: AMD Ryzen Z2 Extreme; tested in ASUS ROG XBOX Ally X; Memory: 24GB LPDDR5X 8000; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 2880x1620; OS: Windows 11 26200.8457; Graphics Driver: 32.0.23027.5004; NPU Driver: 32.0.203.329; BIOS: RC73XA.317; Power Plan set to Balanced, Power Mode set to "Best Performance"; Armoury Crate = Manual, SPL: 12; SPPT: 13W; FPPT: 19W. Battery Size: 80Whr
Get as much as 11 hours of gameplay	As measured by battery runtime across 3 game titles with Arc G3 Extreme at 1080p Low with 2x upscaling when supported on MSI Claw 8 EX AI+ using AI Mode power preset with Endurance Gaming Efficiency Mode on and off. Tested May 2026. Individual system results may vary as power and performance are affected by use, configuration and other factors. Processor: Intel Arc G3 Extreme; tested in MSI Claw 8 EX AI+ pre-production system; Memory: 32GB LPDDR5X 8533; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; 32.0.101.8801; NPU Driver: 32.0.100.4724; BIOS: E1T91IMS.105; Power Plan set to Balanced, Power Mode set to Balanced; MSI Center M = AI Engine, Intel Graphics Software = Endurance Gaming Off. Battery Size: 80Whr Processor: Intel Arc G3 Extreme; tested in MSI Claw 8 EX AI+ pre-production system; Memory: 32GB LPDDR5X 8533; Storage: Samsung SSD 990 PRO 4TB; Display Resolution: 1920x1080; OS: Windows 11 26200.8457; 32.0.101.8801; NPU Driver: 32.0.100.4724; BIOS: E1T91IMS.105; Power Plan set to Balanced, Power Mode set to Balanced; MSI Center M = AI Engine, Intel Graphics Software = Endurance Gaming Efficiency Mode. Battery Size: 80Whr