

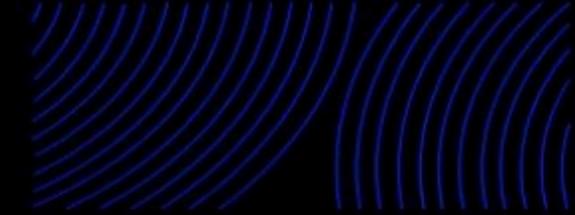


A new way  
of thinking.



# The perfect storm





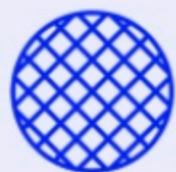
Best-in-class mobile processors are catching up with existing server CPUs.

While this trend continues to accelerate in the years to come, a deficit in server processor innovation is limiting meaningful advances in the data center.

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- ▶ Performance increases have become incremental
  - ▶ Moore's Law has slowed, and process technology transitions have become more challenging
  - ▶ Complex architectures don't meet core customer needs



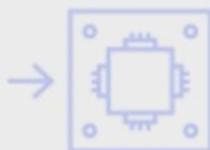
## Innovation focus over past 50 years



Process Node Improvements



Architectural Innovation



Heterogeneous Integration

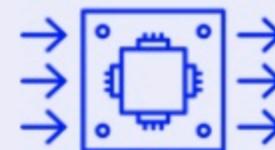
## Innovation focus over next 50 years



Process Node Improvements

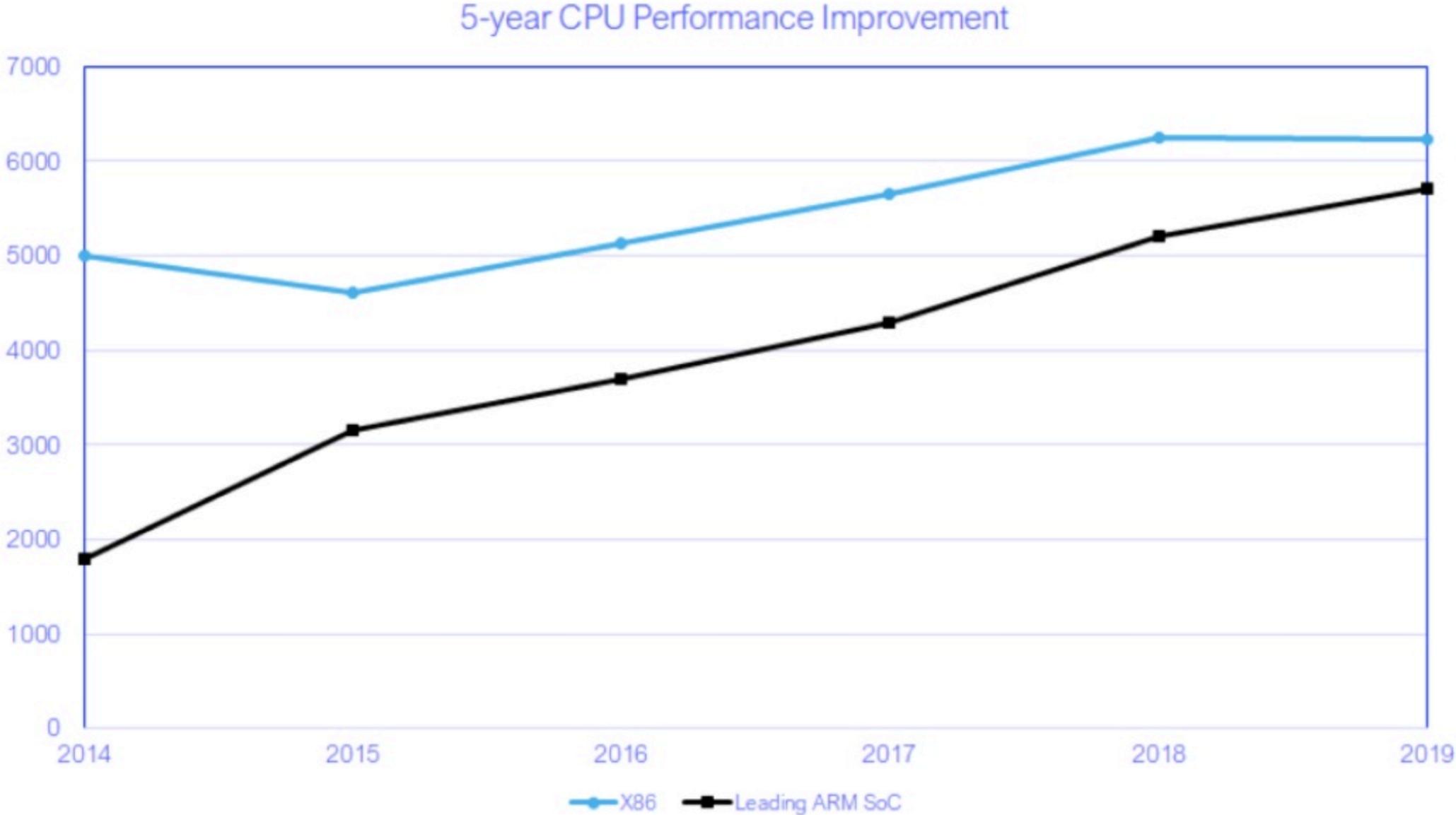


Architectural Innovation



Heterogeneous Integration

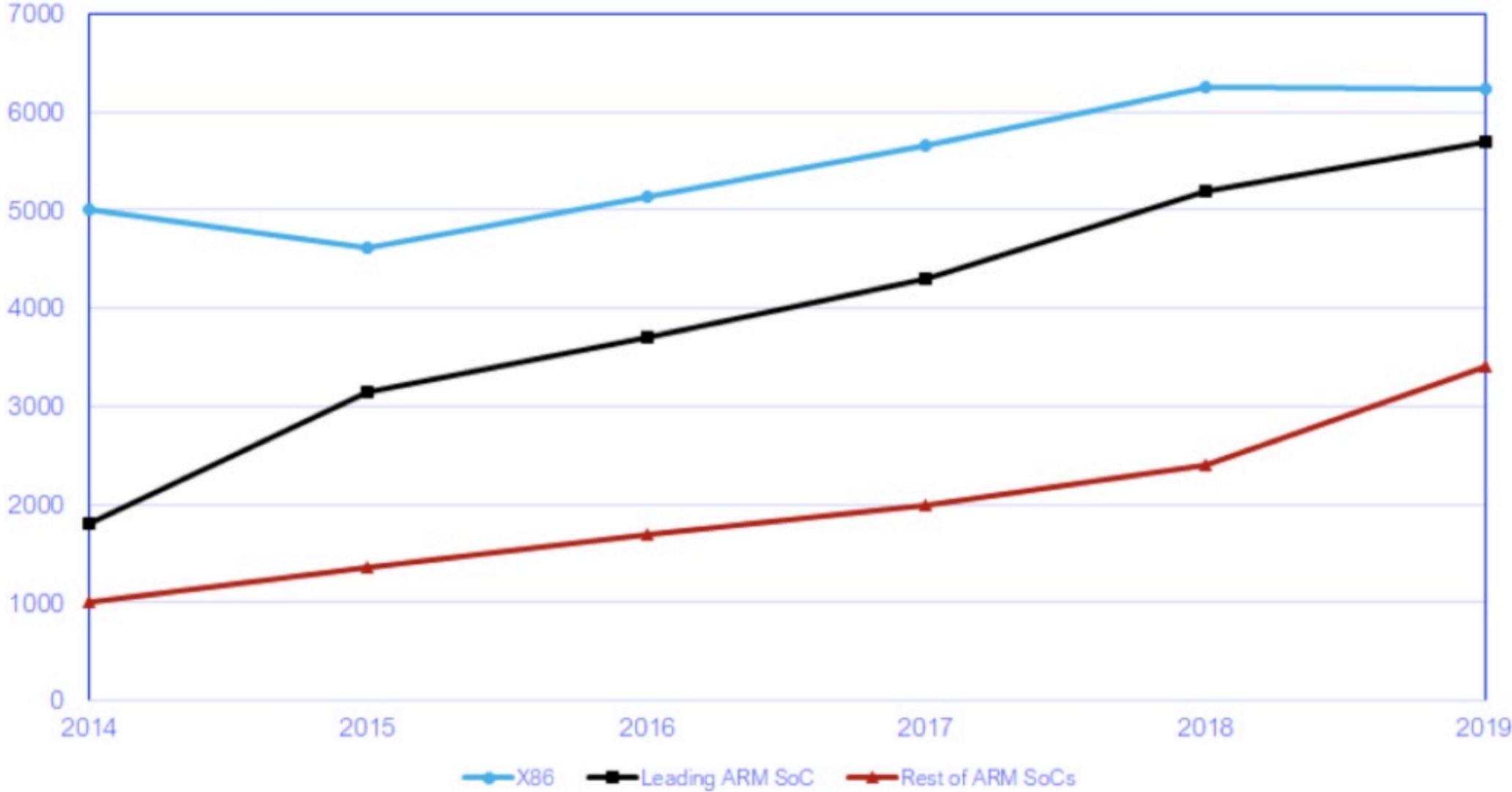
# Paradigm Shift in CPU Performance Leadership



\*The CPU performance for 'Leading ARM SoC' for year 2019 is projected as a moving average of its past years perf

# Paradigm Shift in CPU Performance Leadership

5-year CPU Performance Improvement





NUVIA

A NEW APPROACH

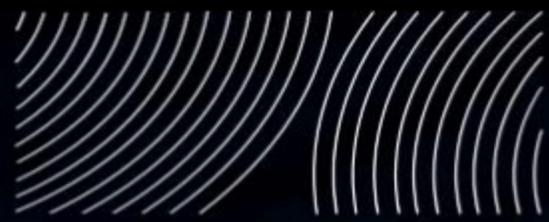




Our mission is to reimagine silicon in a new way,  
and create computing platforms that redefine performance  
for the modern data center.



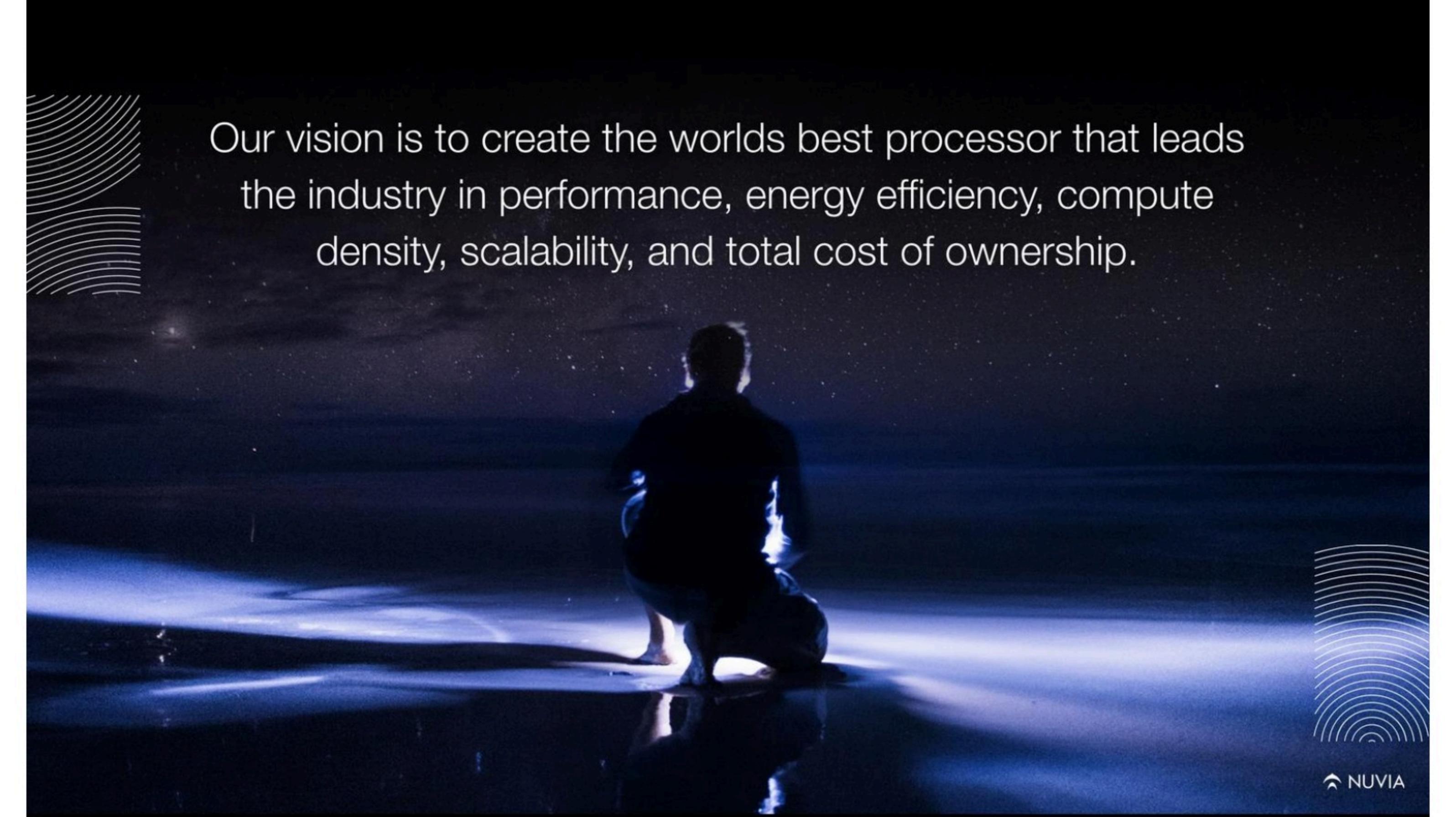
NUVIA



We're starting from scratch, reimagining silicon with a custom-built architecture designed from the ground up.

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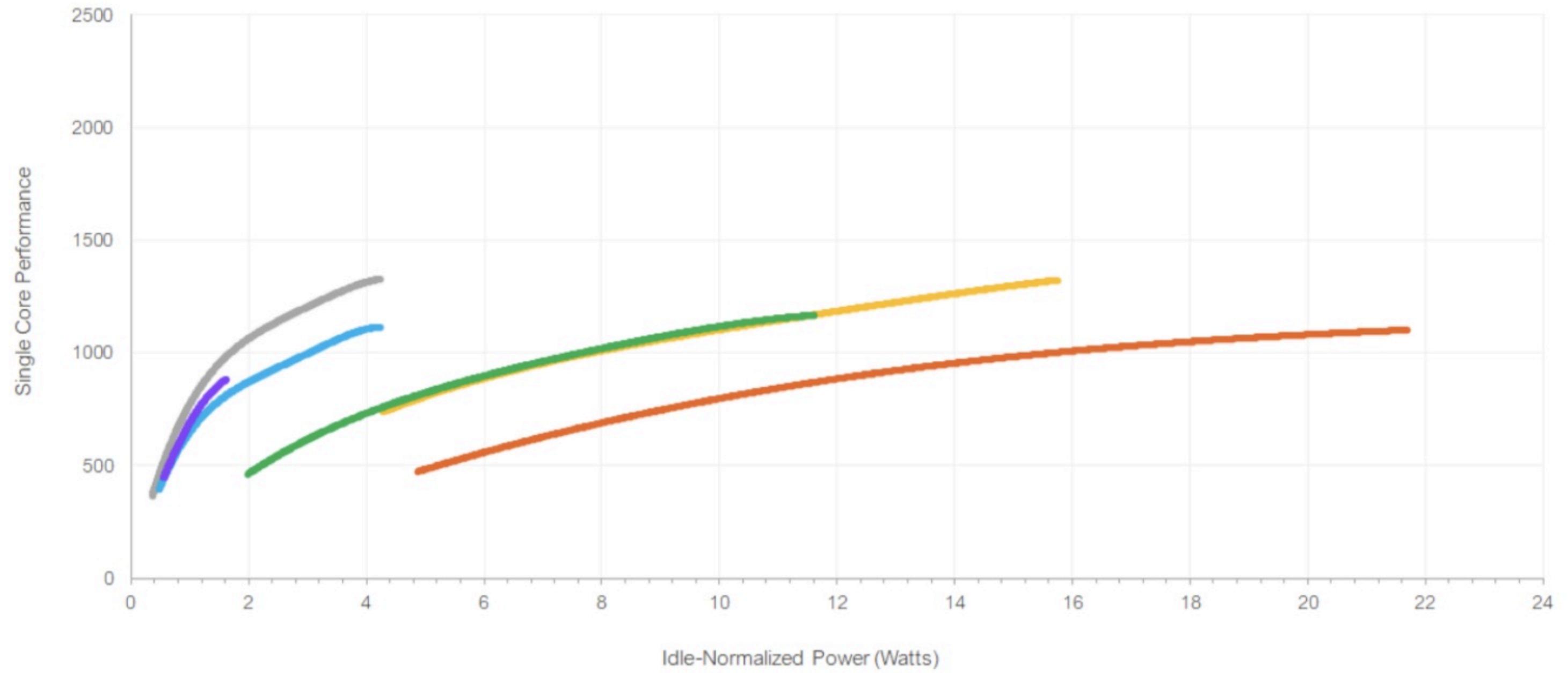
- ▶ Build a custom server-class CPU/SoC running the ARM ISA
- ▶ Focused on delivering meaningful performance leadership in single threaded and multi-threaded workloads
- ▶ Designed on a leading-edge process node

A person is kneeling on a highly reflective surface, possibly a pool of water or a polished floor, in a dark environment. The person's silhouette is reflected on the surface below them. The background is a deep blue, starry sky, suggesting a night scene or a futuristic, high-tech setting. The overall mood is contemplative and visionary.

Our vision is to create the worlds best processor that leads the industry in performance, energy efficiency, compute density, scalability, and total cost of ownership.

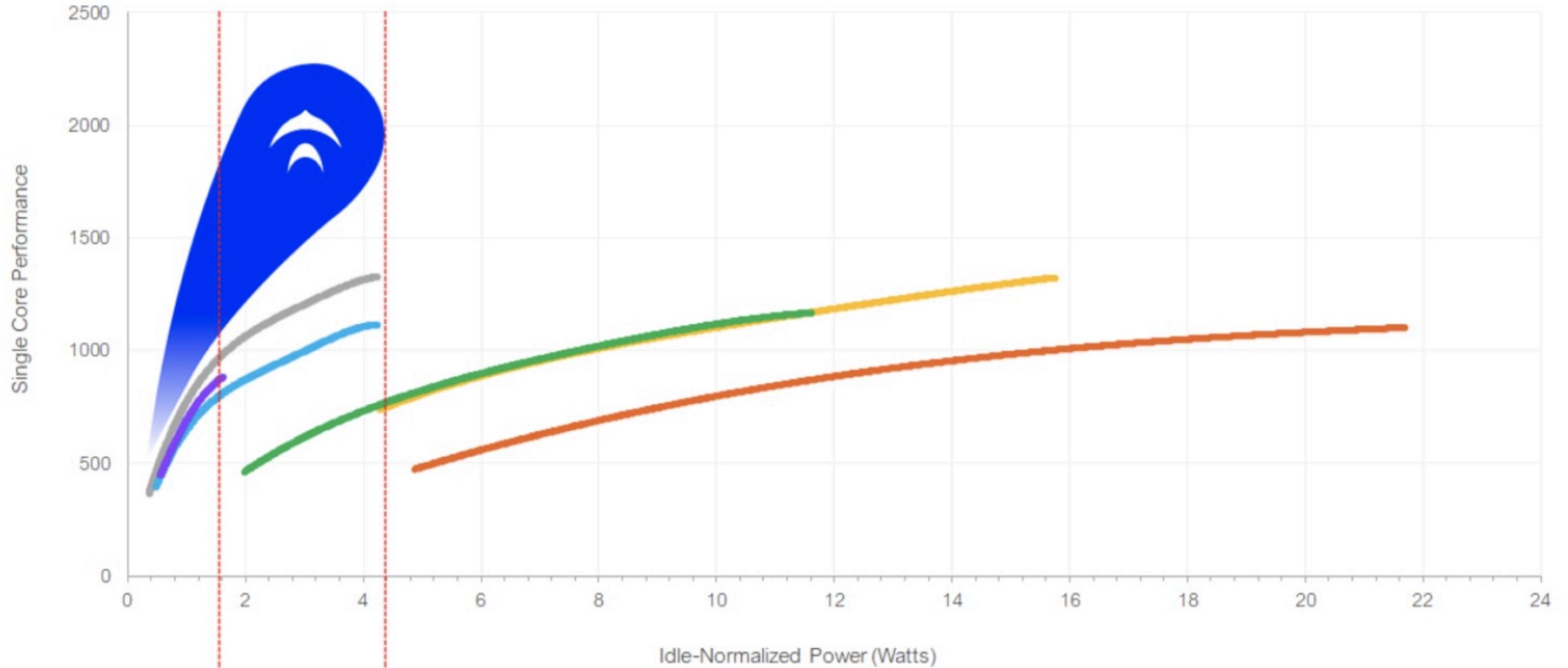
# Geekbench 5 Performance Per Watt

● Apple A13 Lightning ● Apple A12Z Vortex ● Intel i7-1068NG7 Sunny Cove ● Intel i7-8750H Skylake ● AMD Ryzen 4700U Zen 2 ● Qualcomm S865 ARM A77



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# Our values

-  Diversity of thought and people
-  Honesty and integrity
-  Challenge convention
-  Disruptive agility
-  Quality without compromise
-  Be better together

# Series A investors



Series B coming soon . . .



On a journey to redefine  
power and performance in  
the datacenter.

The background of the slide is a photograph of three hot air balloons floating in a sky during sunset or sunrise. The sky is a mix of deep blue, purple, and orange. The balloons are positioned at different heights and locations: one large blue balloon in the upper right, one white and grey checkered balloon in the center, and a smaller white and grey checkered balloon in the lower right.