

# Thinking AMD? Choose Cisco UCS

Elevate workloads to new heights with  
Cisco UCS® rack servers featuring AMD EPYC™ processors

## Applications are the heartbeat of businesses

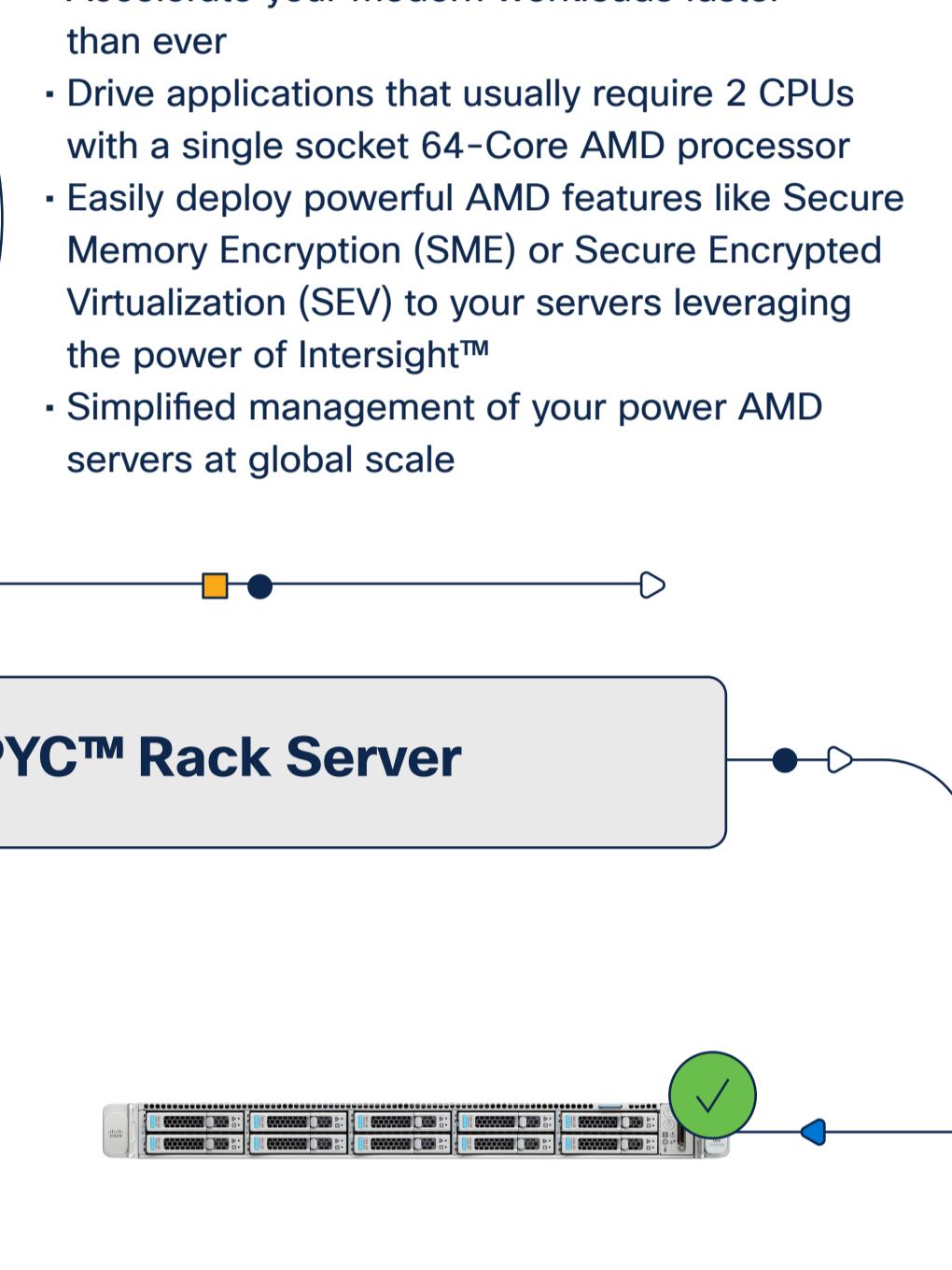
*They are the heart that drives complex, distributed, multidomain enterprise data centers around the world*

### Ideal for workloads that are currently starved for more CPU cores or frequency

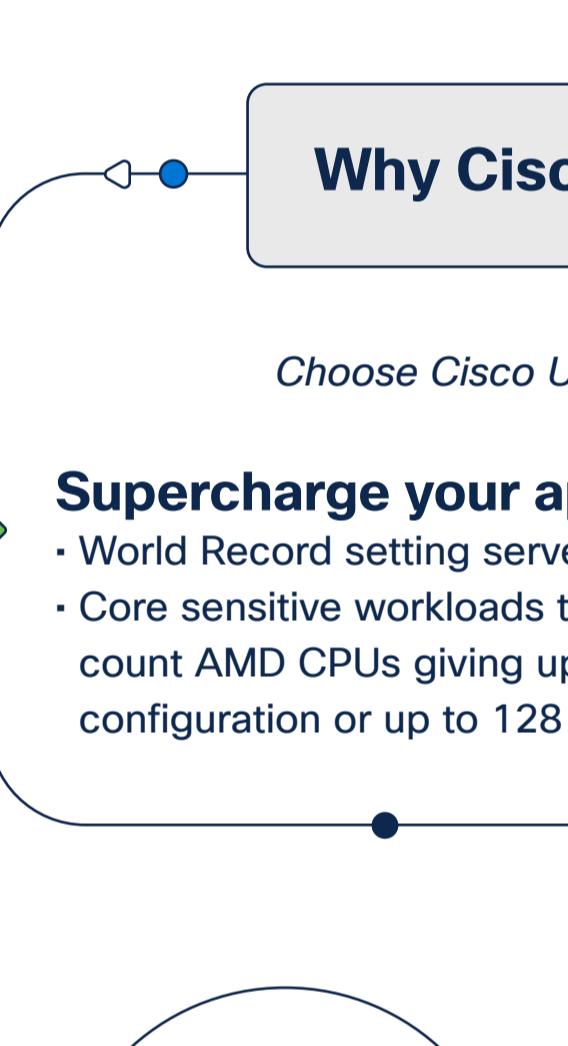
- Virtual desktop infrastructure
- Data management and analytics
- Virtualized and hybrid-cloud applications
- On-line gaming
- Technical computing
- Machine learning and AI

### Benefits include

- Excellent performance
- High compute density
- More cores per server
- Sophisticated security features
- Better economics
- Unified management



## You can have it all with UCS® rack servers powered by AMD EPYC™ processors



- Accelerate your modern workloads faster than ever
- Drive applications that usually require 2 CPUs with a single socket 64-Core AMD processor
- Easily deploy powerful AMD features like Secure Memory Encryption (SME) or Secure Encrypted Virtualization (SEV) to your servers leveraging the power of Intersight™
- Simplified management of your power AMD servers at global scale

## Cisco AMD EPYC™ Rack Server

### Cisco UCS C225 M6 Rack Servers

A 1-Socket Optimized, 2S capable server that drives a portfolio of drive options and I/O capacity regardless if the server is populated by 1 or 2 EPYC™ CPUs, helping to save on capital and operational costs



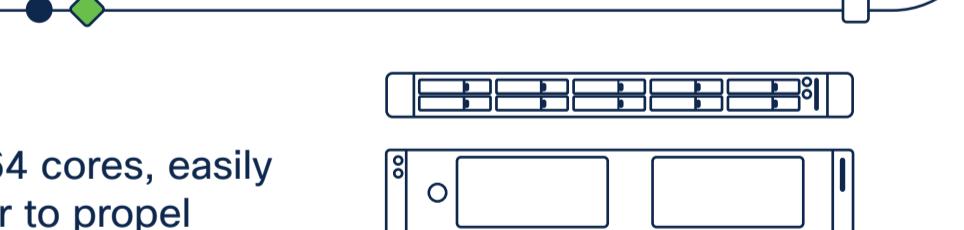
### Cisco UCS C245 M6 Rack Server

A 2-socket, 2RU server with vast storage and I/O capacity and options



### Cisco UCS C4200 M5 Rack Server

This multinode server hosts 4 x 2-Socket AMD compute nodes in a 2RU chassis to meet high-density compute needs

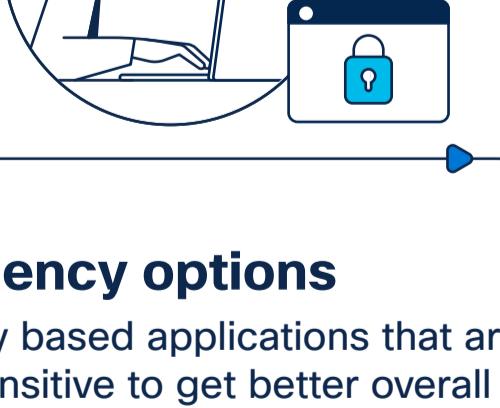


## Why Cisco UCS® with AMD EPYC™ processors

*Choose Cisco UCS® and AMD EPYC™ processors to propel your workloads*

### Supercharge your applications

- World Record setting servers drive ultimate performance
- Core sensitive workloads thrive with these high-core count AMD CPUs giving up to 64 Cores in a 1S configuration or up to 128 cores in a 2S configuration

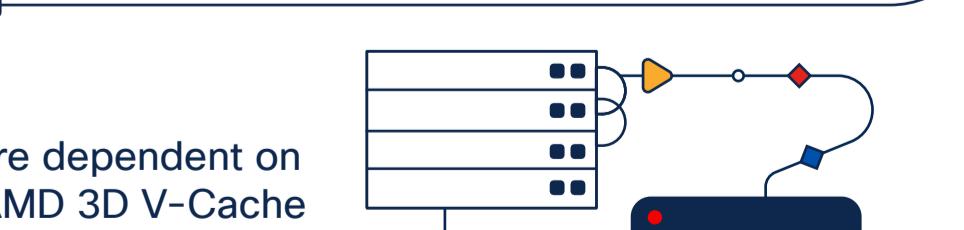


### Streamline your infrastructure

- All Cisco UCS® servers, regardless if it's a blade, rack, UCS® server in a Converged Infrastructure solution or Hyperflex, all integrate into a single point of management
- AMD CPU features can be easily enabled and deployed in Intersight™ enabling consistency and accuracy on a global scale

### Simplify with cloud-operated infrastructure

- Intelligent visualization, optimization and orchestration to all of your applications and infrastructure
- Cloud based Cisco Intersight™ management of your Cisco UCS® servers with AMD EPYC™ processors

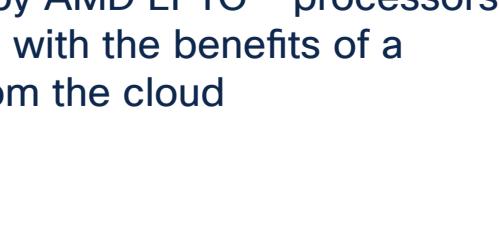


## AMD EPYC™ advantages

*Unlock your potential with Cisco UCS® servers powered by AMD EPYC™ processors*

### Compute density

With AMD CPUs providing up to 64 cores, easily deploy up to 128 cores in a server to propel sluggish workloads, save on space and lowering your power and cooling costs



### High performance

Delivered by world record setting AMD EPYC™ processors and the powerful, innovative Cisco Unified Computing Systems architecture

### Security features

Secure your virtualized environments with virtual machines encrypted in main memory that can only be delivered with these powerful EPYC™ processors

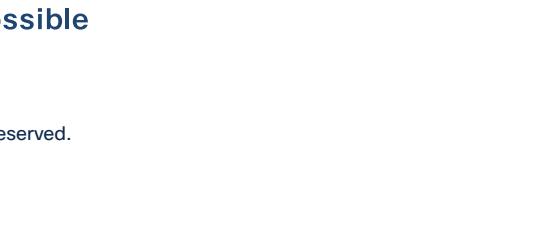


### High-frequency options

Drive frequency based applications that are clock speed sensitive to get better overall performance and lower licensing costs

### Large cache sizes

Technical computing workloads are dependent on large amounts of cache and the AMD 3D V-Cache CPU technology propels these workloads by giving them access to as much as 768MB of Level 3 cache per CPU



## Better together

When you choose Cisco UCS® servers powered by AMD EPYC™ processors, you unleash the value of EPYC™ processors with the benefits of a single unified system managed from the cloud