

# Synopsys and AMD

AMD's new Zen architecture is a significant step forward in performance and efficiency. Synopsys provides the design and verification solutions needed to bring these advanced processors to market faster and more reliably.



"Synopsys has been a key partner in our design process, helping us optimize our Zen architecture for performance and power efficiency. Their solutions have enabled us to bring our latest processors to market faster and more reliably." —Rolands Ezers, Sr. Director, I/O & Circuit Technology, AMD

## Business

AMD's Zen architecture is a significant step forward in performance and efficiency. Synopsys provides the design and verification solutions needed to bring these advanced processors to market faster and more reliably.

## Challenges

Designing and verifying the complex Zen architecture presented significant challenges. Synopsys provided the design and verification solutions needed to bring these advanced processors to market faster and more reliably.

## Synopsys Solution

- Design and verification solutions for AMD's Zen architecture
- Synopsys Design Compiler (DC) for synthesis
- Synopsys Design Vision (DV) for design
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## Benefits

By leveraging Synopsys' design and verification solutions, AMD was able to bring its Zen architecture to market faster and more reliably. Synopsys provided the design and verification solutions needed to bring these advanced processors to market faster and more reliably.

