

Introduction to HPCA

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What is Computer Architecture?

Why Do We Need Computer Architectures?

Computer Architecture Quiz

Computer Architecture & Tech Trends

Moore's Law

Speed Doubling Quiz

Memory Wall

Processor Speed - Cost - Power

Speed vs Power vs Weight vs Cost Quiz

Power Consumption

Active Power

Static Power

Active Power Quiz

Fabrication Cost 1

Fabrication Tield

Fabrication Cost 2

Manufacturing Cost Quiz

Conclusion