

Lecture 10: Performance

(CPEG323: Intro. to Computer System Engineering)

How do we evaluate computer architectures?

- Think of 5 characteristics that differentiate computers?



How do we evaluate computer architectures?

- **Think of 5 characteristics that differentiate computers?**
 - Memory size
 - ISA ? Compatibility <- evaluation
 - Performance
 - Usability, peripherals, graphics
 - Size
 - Cost
 - Power consumption (battery life, \$)
 - Heat dissipation
 - Reliability
 - Fashion, look