

# Why Is Caching Useful

- There is a basic tradeoff in performance and size
- If you make it bigger, it's slower
  - Takes longer to get to (due to size)
  - Addressing it is more complex (more bits to switch on)
- Faster storage is more expensive
  - 16GB RAM: \$59.99
  - 1TB HDD: \$59.99
  - 4TB HDD: \$116.99
  - 4TB SSD: \$499.99
- Think about the places your web page might be stored...

