

# Final Review

Note Title

4/23/2009

Comprehension

Several Real Machines

Amp Opteron

Xbox 360

Cell

IBM Blue Gene

Caching

Multi-level

split-transaction bus

directory-based coherence

Memory Consistency

sequential consistency

relaxed "

synchronized "

Scaling

diffs

speedup

efficiency

iso efficiency

Amdahl's Law

Gustafson's Law