

Talking Architecture

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Today's presentation contains forward-looking statements. All statements made that are not historical facts are subject to a number of risks and uncertainties, and actual results may differ materially. Please refer to our most recent Earnings Release and our most recent Form 10-Q or 10-K filing for more information on the risk factors that could cause actual results to differ.



Key Messages

- Making the investments to sustain the pace of innovation the market demands
- Intel's Tick-Tock model delivers substantial leads in both silicon manufacturing and microarchitecture
- 65nm Intel[®] Core[™] processor family delivers performance and energy efficiency leadership
- 45nm Penryn products widen the competitive gap
- Nehalem extends the lead beginning in 2H'08



A Look Back

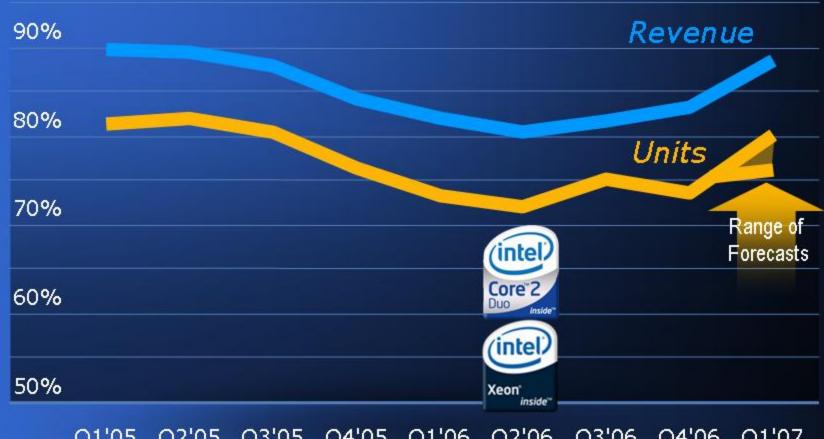
2006 Strategy

- 1. Regain and sustain technology leadership
 - -Drive 65nm ramp as fast as possible \$\frac{>120Mu CPUs}{Shipped_to Date}\$
 - -Launch and Ramp Intel® Core™ microarchitecture products in all segments
 - -Shift chipsets to 300mm, 90nm factories Crossover Q3'07*
 - -Ramp platforms for Digital Home, Mobility, Enterprise
 - -Centrino® Duo Shipping 4th Gen NOW
 - -vPro™ \$1B in Cumulative Revenue This Qtr*
 - -Viiv™ \$1B in Cumulative Revenue This Qtr*
 - -Regain MSS
- 2. Add equivalent focus to efficiency/costs





Microprocessor Market Segment Share

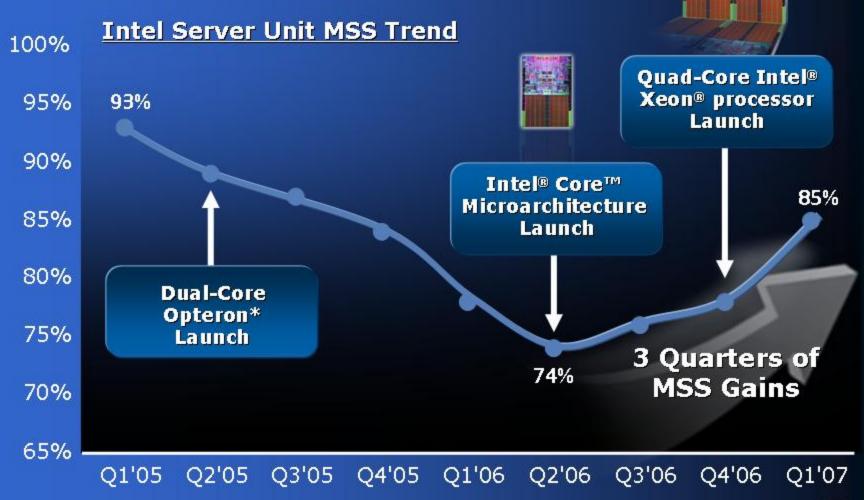


Q1'05 Q2'05 Q3'05 Q4'05 Q1'06 Q2'06 Q3'06 Q4'06 Q1'07



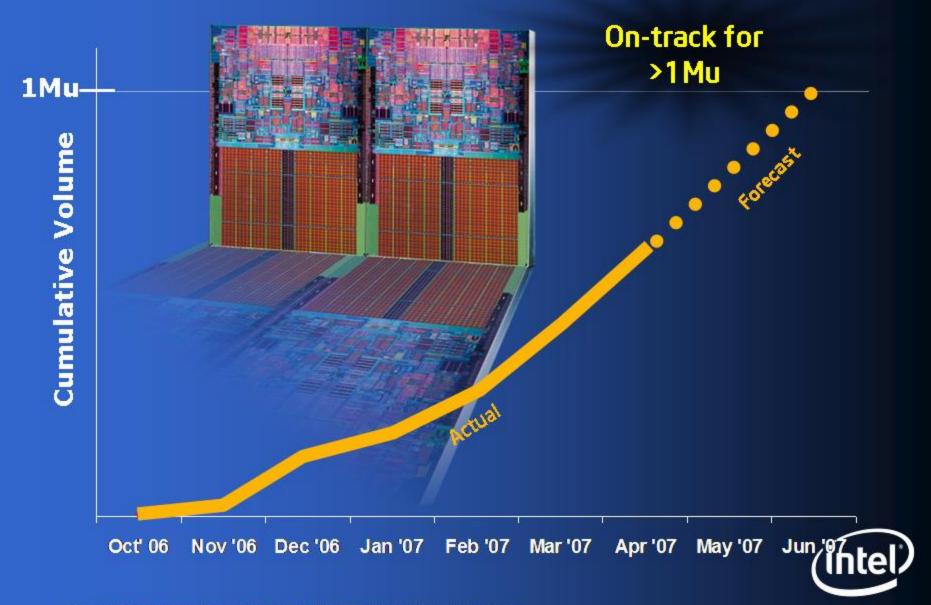


Intel Server Momentum with Intel® Core™ Microarchitecture



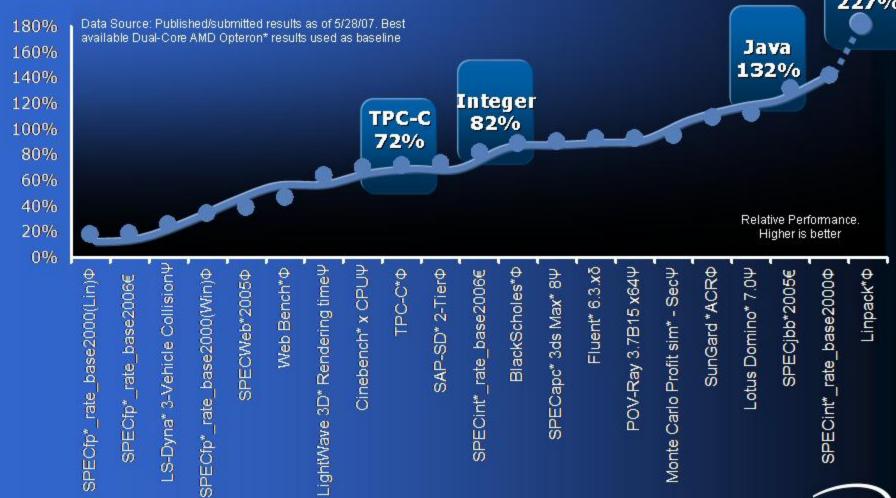


Quad-Core Microprocessor Ramp



"Tock" - Intel® Core™ Microarchitecture Leadership in Servers - Today Quad-Core Intel® Xeon® processor X5355 based platforms

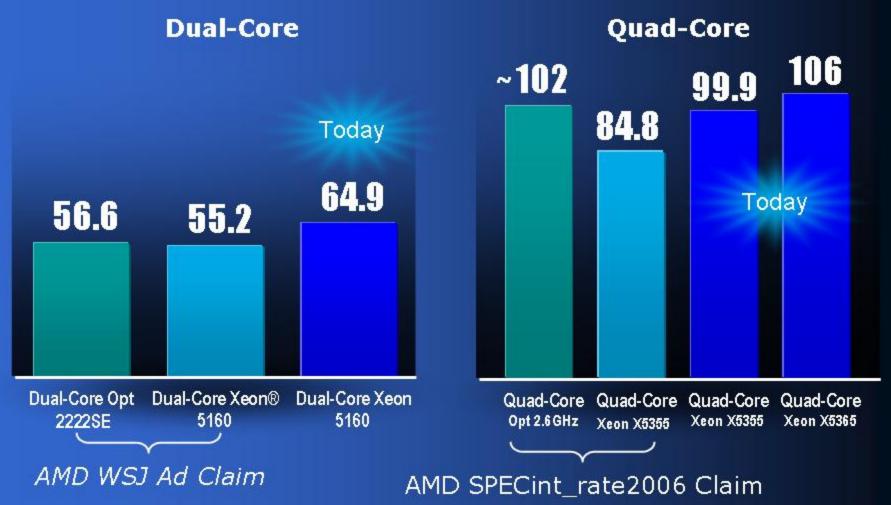
Top500 Linpack 227%



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Xeon X5355 = Q trad-Core Intel® Xeon® Processor X5355; € Dital-Core AMD Opteron* Model 2222SE Φ Dital-Core AMD Opteron* Model 2220SE (2.80 GHz); Ψ Dital-Core AMD Opteron* Model 285 (2.60 GHz) δ Dital-Core AMD Opteron* Model 280 (2.40 GHz);

"Tock" Intel® Core™ Microarchitecture: Leadership SPECint*_rate2006 - Today



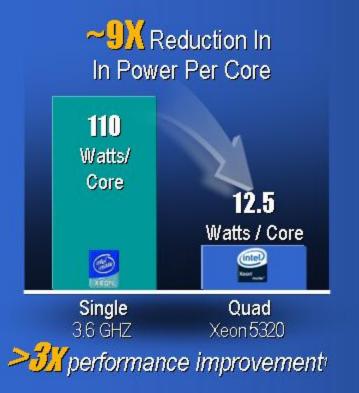
Based on published results used in AMD WSJ Ad claim. For AMD QC estimated at 20% above 4/16/2007 Intel results posted at spec.org as referenced in AMD claim. Today 's Intel results based on results submitted to spec.org as of 5/28/2007. Performance tests and ratings are measured using specific computer systems and/or components and reflect the approximate performance of Intel products as measured by those tests. Any difference in system hardware or software design or configuration may affect actual performance. Buyers should consult other sources of information to evaluate the performance of systems or components they are considering purchasing. For more information on performance tests and on the performance of Intel products, visit http://www.intel.com/performance/resources/limits.htm or call (U.S.) 1-800-628-8686 or 1-916-356-3104. Copyright @ 2006-2007, [niel Corporation.]



Winning in Key Segments

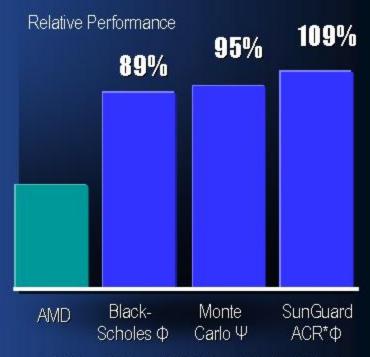
Internet Portal Data Centers

- High growth segment (20%+ CAGR)
- Focus area for industry innovation
- Collaboration: HW and SW optimizations



Financial Services

- IT often a competitive differentiator
- Limited space → Energy efficiency is key
- Broad & unique account engagement



Intel Xeon 5300 vs. AMD Opteron* Best Published



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Next In MP Servers – Intel® Xeon® processor 7300 Series

Continued performance leadership

Intel® Core™ Microarchitecture

50W SKUs for Blades

Up to 2X memory capacity

OEM production volumes in Q3'07₂



Over previous generation 2Intel Forecast

Industry's 1st 45 nm High-K Process Technology

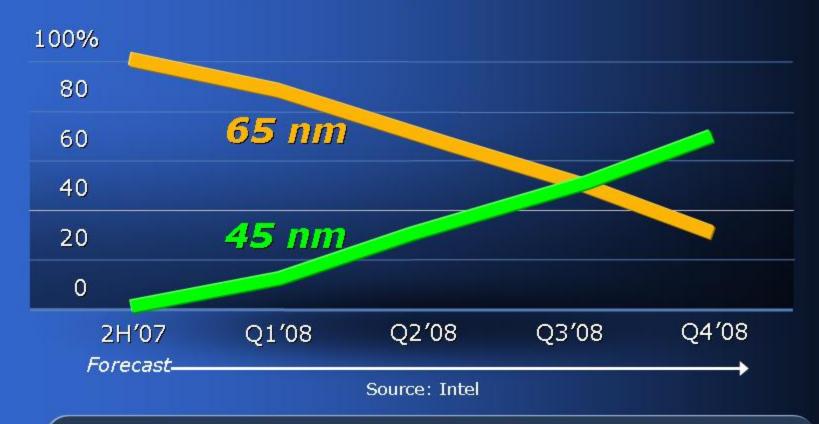
- ~2X Improvement In Transistor Density
- >20% Improvement In Transistor Switching Speed
- ~30% Reduction In Transistor Switching Power

Enables New Features, Higher Performance, Greater Energy Efficiency

"The implementation of high-k and metal materials marks the biggest change in transistor technology since the introduction of polysilicon gate MOS transistors in the late 1960s."

- Gordon Moore, Intel Co-Founder

CPU Shipments (65nm vs. 45nm)



45nm Factory Network

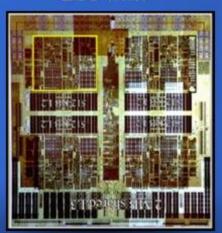
D1D Oregon - 2H '07 Fab 32 Arizona - 2H '07 Fab 28 Israel -1H '08 Fab 11X New Mexico - 2H '08



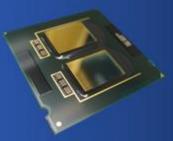
Die Size Matters

High-Performance Quad-Core Processors in Manufacturable Dual-Die Implementation

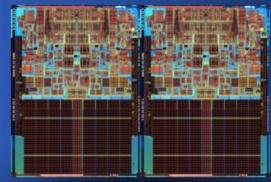




AMD Barcelona 65nm 463m Transistors¹ 4 MB Cache¹



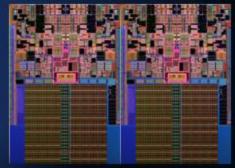
143 mm²² 143 mm²²



Intel® Xeon® (Clovertown)
65nm
681m Transistors
8 MB Cache



107 mm²² 107 mm²²



Penryn Quad Core Server 45nm Hi-k 820m Transistors 12 MB Cache



Product Cadence for Sustained Leadership

TICK Pentium® D, Xeon™, Core™ processor 2 YEARS 65nm TOCK Core 2 processor, Xeon processor 2 YEARS TICK **PENRYN Family** 45nm TOCK **NEHALEM** TICK WESTMERE 2 YEARS 32nm

- Restructured engineering 3 years ago
- Development model highly efficient
- 2+ generations proven delivery

TOCK SANDY BRIDGE



Penryn Family Optimized Microarchitecture

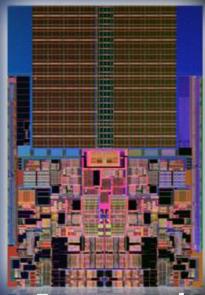
Intel SSE4 instructions Fast Super Shuffle Engine

Fast Radix-16 Divider Enhanced Intel Virtualization Technology

Larger Caches: 6MB, 12MB 24-way Set Associativity

Split Load Cache Enhancement Higher Bus Speeds

Deep Power Down Technology Enhanced Intel Dynamic Acceleration Tech > 3 GHz



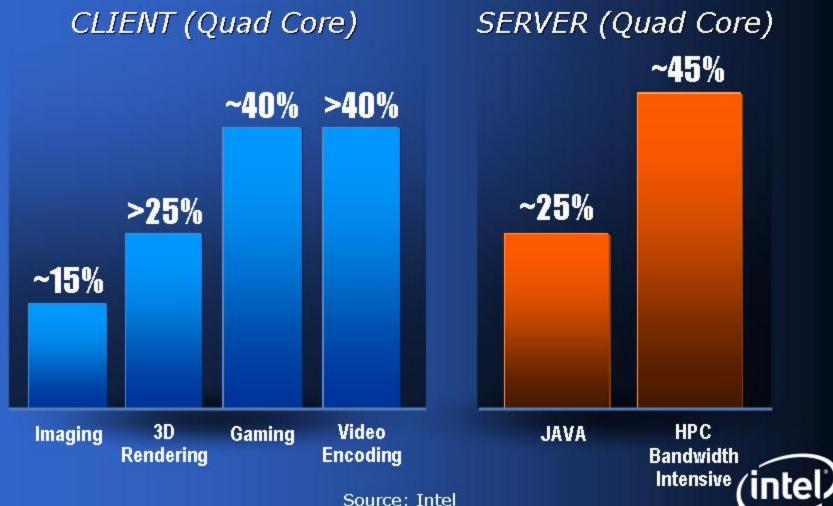
Increased
Performance and
Energy Efficiency

Processor Microarchitecture Comparison

	65nm Intel® Core™ Microarchitecture	45nm Hi-k Penryn	AMD K8	Barcelona
Production Date	1H 2006	2H 2007	2003	2H 2007
Clock Frequency	3GHz	Up to >3GHz Demo'd 3.33Ghz	3GHz	>2ghz Demo'd ?
Technology	Intel 65nm	Intel 45nm Hi-K+Metal Gate	90nm/65nm	65nm
Cache	Shared L2 Higher BW 256 bit data width	24 way Shared L2 Higher BW 256 bit data width	Dedicated L2 64 bit data width	Shared L3 128 bit data width
Total L2/L3 Cache	Up to 8MB	Up to 12MB	Up to 2MB	Up to 4MB
Memory Access	Improved Prefetch 3 Pre-fetchers Memory Disambiguation DDR-2/3	Decreased Latency 3 Pre-fetchers Memory Disambiguation DDR-2/3	Integ, Mem, Controller 2 Pre-fetchers DDR-2	Integ. Mem. Controller 2 Pre-fetchers DDR-2
Issue Width	4 Issue	4 Issue	3 Issue	3 Issue
Pipeline Efficiency	14 Stage Speculative OOO Loads/Stores Macro & Micro Fusion	14 Stage Speculative OOO Load/Store Macro & Micro Fusion	12 Stage No load/store re- ordering	12 Stage No load/store re- ordering
System Bus	Up to 1333 MHz	Up to 1600 MHz	1000 MHz	1000MHz
SSE	Intel SSSE3 ISA 128 Bits/Cycle	Intel SSE4 ISA 128 Bits/Cycle	SSE3 (Equiv) 64Bits/Cycle	SSE3 (Equiv) 128Bits/Cycle

Penryn Family Performance **Early Indicators**

45nm High-k vs. 65nm Intel® Core™ 2 and Xeon™ Processors



Nehalem

Dynamic Scalability for Efficient Performance on Demand

Fully Unlocks Intel 45 nm High-k Silicon Benefits

Leverages 4 Issue Intel® Core™ Microarchitecture Technology Dynamically Managed Coresi Threadsi Caches Simultaneous Multithreading Multi-level Shared Cache Architecture Performance Enhanced Dynamic Power Management

Design Scalability Optimizes for Each Market Segment

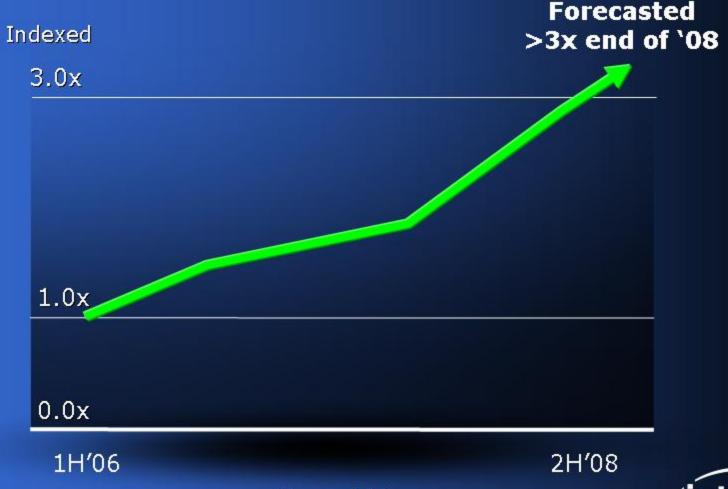
New System Architecture Scalable &
Configurable
Cache,
Interconnects &
Memory
Controllers

Optional High Performance Integrated Graphics For Client Scalable
Performance:
1 to 16+
Threads &
1 to 8+ Cores

Initial Products in Production in '08

Accelerating Server Performance

Intel Server Performance Trajectory





Summary

- Making the right investments
- Tick-Tock model is thriving
- Performance and energy efficiency leadership today
- Penryn widens the competitive gap
- Nehalem extends the lead in 2H'08



Questions



Risk Factors

This presentation contains forward-looking statements that involve a number of risks and uncertainties. These statements do not reflect the potential impact of any mergers, acquisitions, divestitures, investments or other similar transactions that may be completed in the future. The information presented is accurate only as of today's date and will not be updated. In addition to any factors discussed in the presentation, the important factors that could cause actual results to differ materially include the following: Intel operates in intensely competitive industries that are characterized by a high percentage of costs that are fixed or difficult to reduce in the short term, significant pricing pressures, and product demand that is highly variable and difficult to forecast. Revenue and the gross margin percentage are affected by the timing of new Intel product introductions and the demand for and market acceptance of Intel's products; actions taken by Intel's competitors, including product offerings, marketing programs and pricing pressures and Intel's response to such actions; Intel's ability to respond quickly to technological developments and to incorporate new features into its products; and the availability of sufficient components from suppliers to meet demand. Factors that could cause demand to be different from Intel's expectations include customer acceptance of Intel and competitors' products; changes in customer order patterns, including order cancellations; changes in the level of inventory at customers; and changes in business and economic conditions. The gross margin percentage could vary significantly from expectations based on changes in revenue levels; product mix and pricing; capacity utilization; variations in inventory valuation; excess or obsolete inventory; manufacturing yields; changes in unit costs; impairments of long-lived assets, including manufacturing, assembly/test and intangible assets; and the timing and execution of the manufacturing ramp and associated costs, including start-up costs. Expenses, particularly certain marketing and compensation expenses, vary depending on the level of demand for Intel's products, the level of revenue and profits and impairments of long-lived assets. Intel is in the midst of a structure and efficiency program which is resulting in several actions that could have an impact on expected expense levels and gross margin. The tax rate expectation is based on current tax law and current expected income. The tax rate may be affected by the closing of acquisitions or divestitures; the jurisdictions in which profits are determined to be earned and taxed; changes in the estimates of credits, benefits and deductions; the resolution of issues arising from tax audits with various tax authorities, including payment of interest and penalties; and the ability to realize deferred tax assets. Gains or losses from equity securities and interest and other could vary from expectations depending on equity market levels and volatility; gains or losses realized on the sale or exchange of securities; gains or losses from equity method investments; impairment charges related to marketable, non-marketable and other investments; interest rates; cash balances; and changes in fair value of derivative instruments. Intel's results could be affected by the amount, type, and valuation of share-based awards granted as well as the amount of awards cancelled due to employee turnover and the timing of award exercises by employees. Intel's results could be impacted by unexpected economic, social, political and physical/infrastructure conditions in the countries in which Intel, its customers or its suppliers operate. including military conflict and other security risks, natural disasters, infrastructure disruptions, health concerns and fluctuations in currency exchange rates. Intel's results could be affected by adverse effects associated with product defects and errata (deviations from published specifications), and by litigation or regulatory matters involving intellectual property, stockholder, consumer, antitrust and other issues, such as the litigation and regulatory matters described in Intel's SEC reports. Please refer to Intel's most recent Earnings Release and most recent Form 10-K or 10-Q filing for more information on the risk factors that could cause actual results to differ materially.

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