

Enhanced Intel® Core™ Microarchitecture

Intel Core Microarchitecture

New with the Penryn Family

Intel® Wide Dynamic Execution

Fast Radix-16 Divider

Enhanced Intel Virtualization Technology

Intel® Advanced Smart Cache

Larger Caches: up to 6MB, 12MB

Intel® Smart Memory Access

Split Load Cache Enhancement
Higher bus speeds

Intel® Advanced Digital Media Boost

Intel SSE4 instructions
Super Shuffle Engine

Intel® Intelligent Power Capabilities

Deep Power Down Technology
Enhanced Intel Dynamic Acceleration Technology

Increased Performance and Energy
Efficiency Across All Applications

