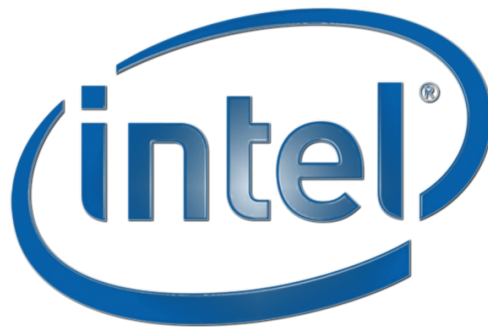




# Nehalem: roadmap



**LINK (<https://www.nexthardware.com/news/processor-chipset/685/nehalem-roadmap.htm>)**

Publicata la roadmap Intel per le future CPU.

Di seguito riportiamo i dettagli di una news di Tom's Hardware:

**Bloomfield / Intel® X58 Express Chipset**

**Key Features**

- 8 processing threads/4 cores
- SMT (Simultaneous Multi-threading)
- 4M Shared Cache
- Integrated Memory Controller (IMC) with 3 channels of DDR3
- Intel® QuickPath Interconnect (QPI) to X58 chipset
- PCI Express® 2.0 discrete graphics flexibility for multiple graphics configurations (2x16 up to 4x8)
- Adding 7 more SSE4 instructions

**Platform Compatibility:**  
X58 Chipset (C010 (consumer))

**Process Technology:** 45nm  
**Socket:** New L366 LGA Socket

**Value Proposition**

**Best processing engine for advanced multimedia and digital content creation**

- Incredible performance scaling with HGM1 (three-core multimedia applications)
- Streamlined efficiency with data intensive workloads utilizing a large shared cache and up to 32GB/sec memory bandwidth w/DDR3 1333

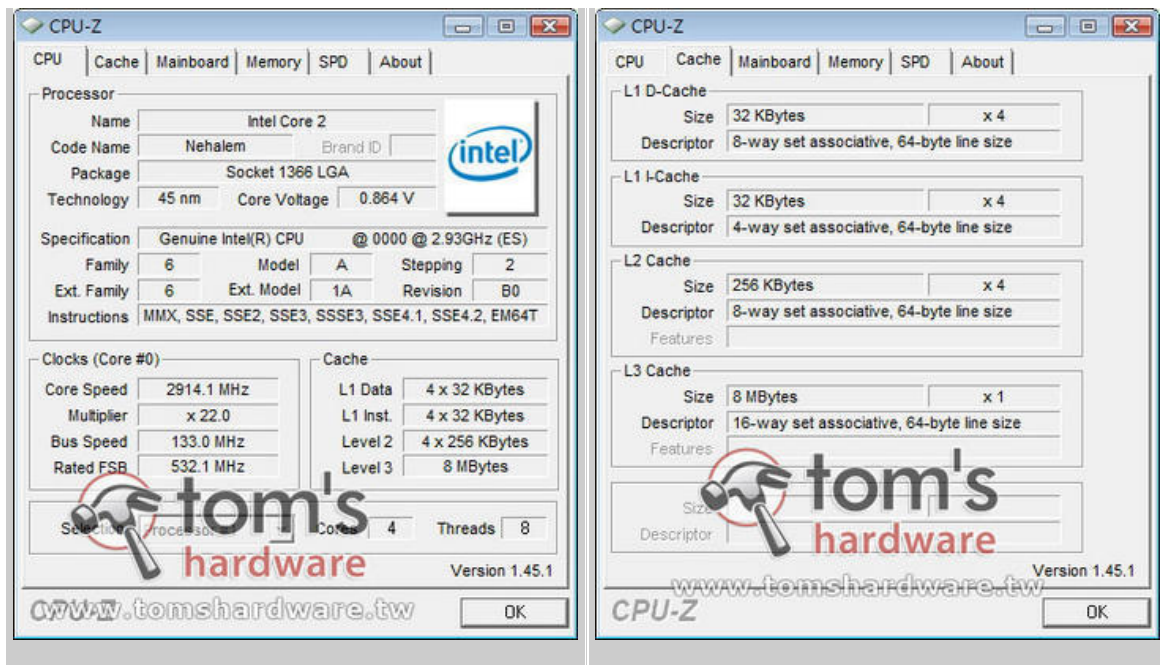
**Latest platform for mind-blowing realistic gaming**

- Amazing performance for intensive gaming
- Physics engine scaling for ultra realistic environments
- Dual x 16 PCI Express® 2.0 with 4x8 option for quad-graphics

**Processor Roadmap:**

	Q2 '08	Q3 '08	Q4 '08	Q1 '09	Q2 '09
<b>Ultimate</b>	Intel® Core™2 Extreme Proc. QX9xxx series	Intel® Core™2 Extreme Proc. QX9xxx series	Bloomfield® Processor Codename: Tyanburg DT platform	Intel® X58 Express Chipset* - 2x16 or 4x8 graphics	
<b>Best</b>	Intel® X40 & X28 Chipsets Support for 16GB FSB & 2x16 Graphics	Intel® Core™2 Quad Proc. Q9xxx series featuring Intel® HD Boost Codename: Boulder Creek platform	Intel® G45 & P45 Chipsets with Intel® HD Video Codename: Intel® Kenzie K9xx technology - Outside the main Intel® processor roadmap		
<b>Better</b>	Intel® Core™2 Duo Processor E6xxx & E7xxx series featuring Intel® HD Video Codename: Boulder Creek platform	Intel® G45, G43, & P43 Chipsets with Intel® HD Video Codename: Intel® Kenzie K9xx technology - Outside the main Intel® processor roadmap			
<b>Good</b>	Intel® Pentium® Dual-Core, Celeron® Dual-Core & Celeron® Proc.	Intel® Pentium® Dual-Core, Celeron® Dual-Core & Celeron® Proc.	Intel® G45 (G31/P31) Express Chipsets	Intel® G41 Express Chipset	

Dettagli relativi a processore e roadmap



Screen di Cpu-Z