

## Processor Wars, Another Battle

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AMD's quad-core Barcelona chip will become generally available in April, but Intel plays trump with a 6-core processor (Dunnington) to come in 2H 2008.

"We've gone from dual to quad-core while maintaining the same thermal envelope," says AMD. "This is more than just quad-core. It is a significant re-architecture of Opteron, the most significant since we've introduced it."

Intel disclosed several multi-core projects: "Tukwila," world's first 2 billion transistor microprocessor (2X the performance of current Itanium) and "Nehalem," between two and eight cores and 4X memory bandwidth of today's highest Xeons.

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