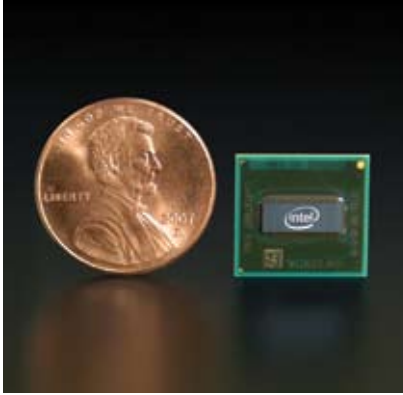


(a)



(b)

**Figure 1** An advanced 45-nm-process technology enables Intel to both build ultra-high-transistor-count ICs, such as the upcoming six-core-plus-L3-cache Dunnington CPU (a), and ultrasmall chips, such as the first-generation Atom microprocessor (b).

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