

Why is Ivy Bridge so Hot?

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Intel's new Ivy Bridge series of processor is supposed to be a power-miser and just sip electricity, but it seems to run hotter than a \$2 pistol. Overclocked these processors are hitting up past 100°C and this is quite a shock. [TechReport looks into the situation](#) and finds out why and how this is going to affect overall performance.

If you read our Ivy Bridge coverage carefully, you'll know that we observed some rather high temperatures when overclocking the Core i7-3770K. With a single-fan air tower, our chip ran at a reasonable 50-60°C when clocked to 4.4-4.5GHz at its default voltage. However, when we pushed to 4.9GHz on 1.35V, the temperature soared past 100°C.
