

Ivy Bridge Heat is TIMs Fault

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Intel has been dominating the high-end CPU market lately, and their Ivy-bridge CPUs have taken a small step upward in terms of performance over Sandy Bridge CPUs. The downside? Ivy runs wicked hot and [TechPowerUp has posted why](#) . Cheap Thermal Paste. Really? Come now Intel, surely the 18%-23% temperature drop by using good thermal paste would have been worth the extra money.

The change in TIM was also change the overclockability of the chip, which was then able to sustain higher core voltages to facilitate higher core clock speeds. The report concluded that Intel's decision to use thermal paste inside the IHS of its Ivy Bridge chips, instead of fluxless solder, poses a very real impact on temperatures and overclockability.
