

The Firefox + Chrome Web Browser Performance Impact From Intel's JCC Erratum Microcode Update

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With yesterday's overview and benchmarks of Intel's Jump Conditional Code Erratum one of the areas where the performance impact of the updated CPU microcode exceeding Intel's 0~4% guidance was on the web browser performance. Now with more time having passed, here are more web browser benchmarks on both Chrome and Firefox while comparing the new CPU microcode release for the JCC Erratum compared to the previous release. Simply moving to this new CPU microcode does represent a significant hit to the web browser performance.

In this article is just a look at how the updated CPU microcode for the JCC Erratum affects the Mozilla Firefox and Google Chrome web browser performance. This article isn't looking at any impact from the also new Zombieload TAA mitigation (that's coming in a separate article shortly) or anything else but simply benchmarking both of these web browsers with the old and new CPU microcode on a Skylake-X system.

[2]

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