

A Look At The Per-Clock Performance / Peak Frequencies With The Intel Core i7-1065G7 Ice Lake

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Following this week's Intel Core i7-1065G7 Ice Lake Linux benchmarks there was some questions and speculations about the per-clock performance of this long-awaited Intel microarchitecture update. Here is some additional data shedding light on the clock frequencies under load and ultimately how the per-clock performance compares to the common Intel previous-generation mobile CPUs.

The Core i7-1065G7 features a 1.3GHz base frequency and 3.9GHz turbo frequency, well below the i7-8550U clock frequencies of 1.80GHz and 4.0GHz for the i7-8550U or 1.8GHz and 1.6GHz of the i7-8565U processors, the two other mobile processors compared to in this week's Linux benchmarks. But thanks to superior per-clock performance, the Ice Lake CPU offered significant raw performance and performance-per-Watt gains over these earlier processors.

[2]

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Links:

[1] <http://www.tuxmachines.org/taxonomy/term/148>

[2] <http://www.phoronix.com/vr.php?view=28419>