

Intel Core i7-1065G7 Ice Lake Linux Performance Benchmarks

By *Rianne Schestowitz*

Created 22/10/2019 - 3:50pm

Submitted by Rianne Schestowitz on Tuesday 22nd of October 2019 03:50:52 PM Filed under [Graphics/Benchmarks](#)

[1]

Recently I picked up a Dell XPS 7390 Core i7 Ice Lake laptop for finally testing this Intel 10nm+ processor under Linux. I have delivered some results so far like the Windows vs. Linux OpenGL/Vulkan performance and the Spectre impact with Ice Lake while this article is the first of several really drilling down on the CPU performance. In this article are benchmarks showing how the Core i7-1065G7 compares in raw performance and performance-per-Watt to the earlier Core i7-8565U (Whiskey Lake) and Core i7-8550U (KabyLake-R) processors.

The Dell XPS 7390 / Core i7-1065G7 continues working out well under Linux as noted in the earlier article with just the potential caveats of needing to switch the storage setting in the firmware over to AHCI mode and on some distributions needing to boot with the `intel_lpss_pci` driver black-listed. There is also the caveat of Ice Lake Thunderbolt support not in the mainline kernel until Linux 5.4, but at least for Ubuntu 19.10 Canonical has ended up back-porting it to Linux 5.3, but I haven't seen any other major distributions do the same yet. But besides those few blemishes on modern Linux distributions you should be in good shape for the new Dell XPS / Ice Lake.

[2]

Source URL: <http://www.tuxmachines.org/node/129586>

Links:

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

[2] <http://www.phoronix.com/vr.php?view=28394>