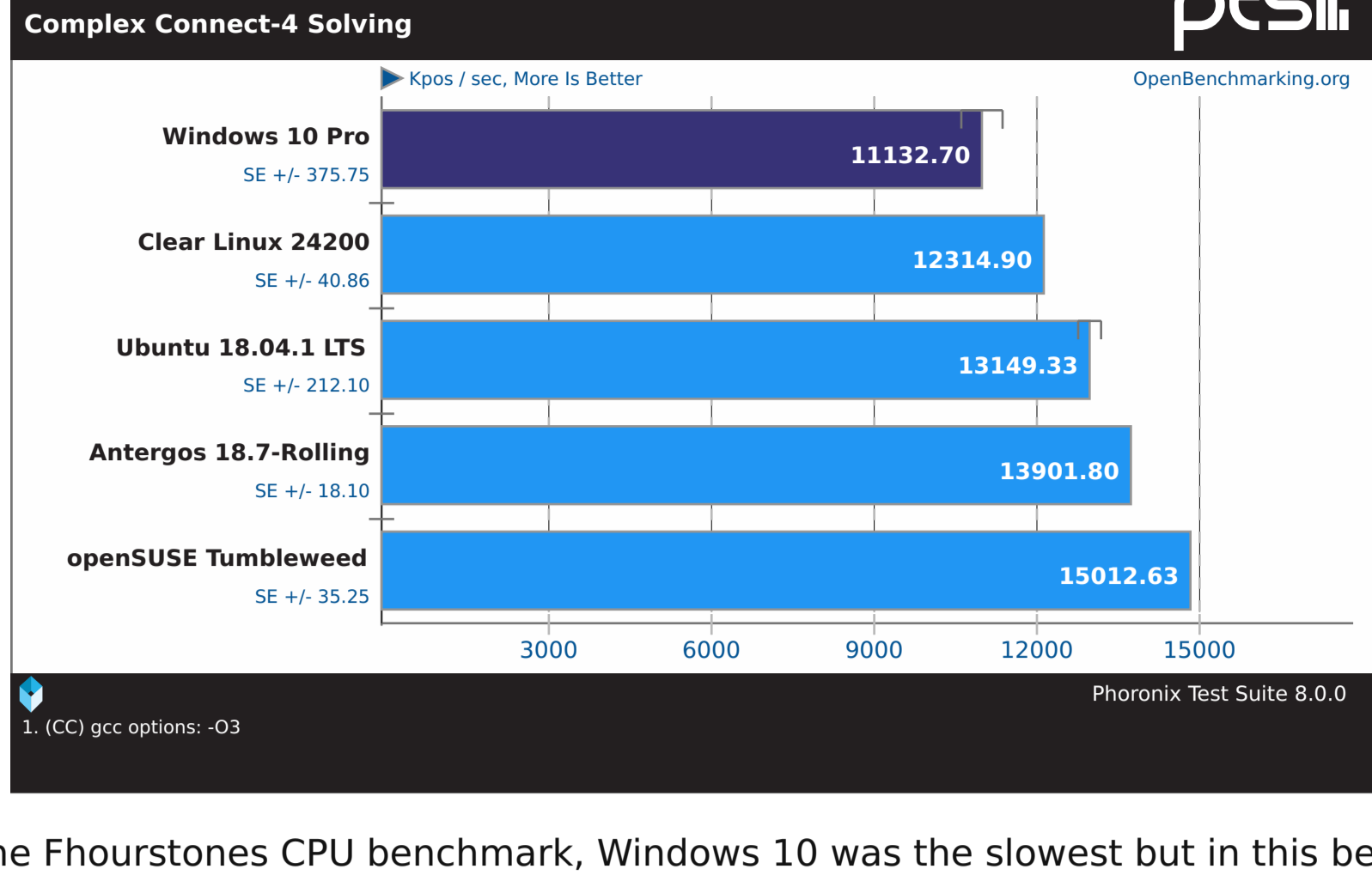
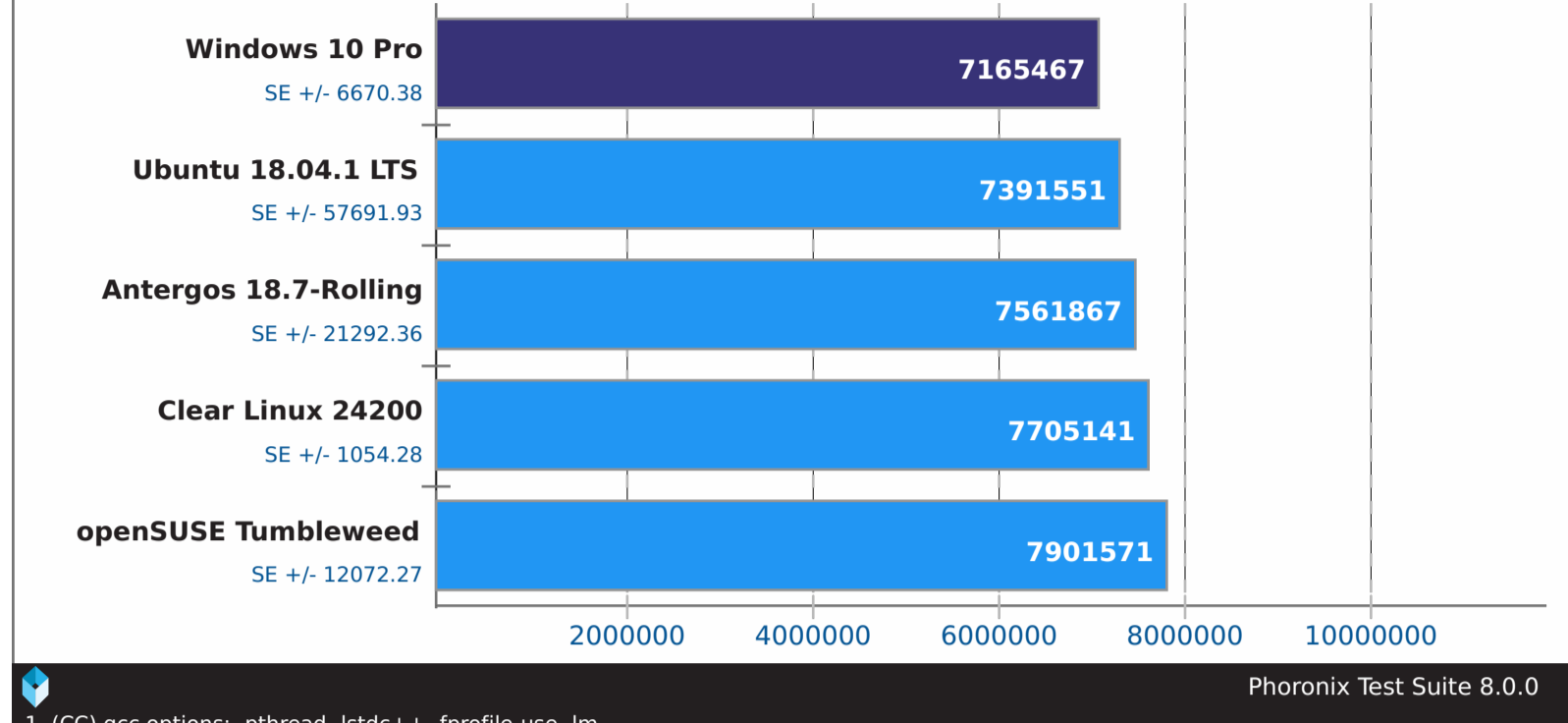


A Look At The Windows 10 vs. Linux Performance On AMD Threadripper 2990WX

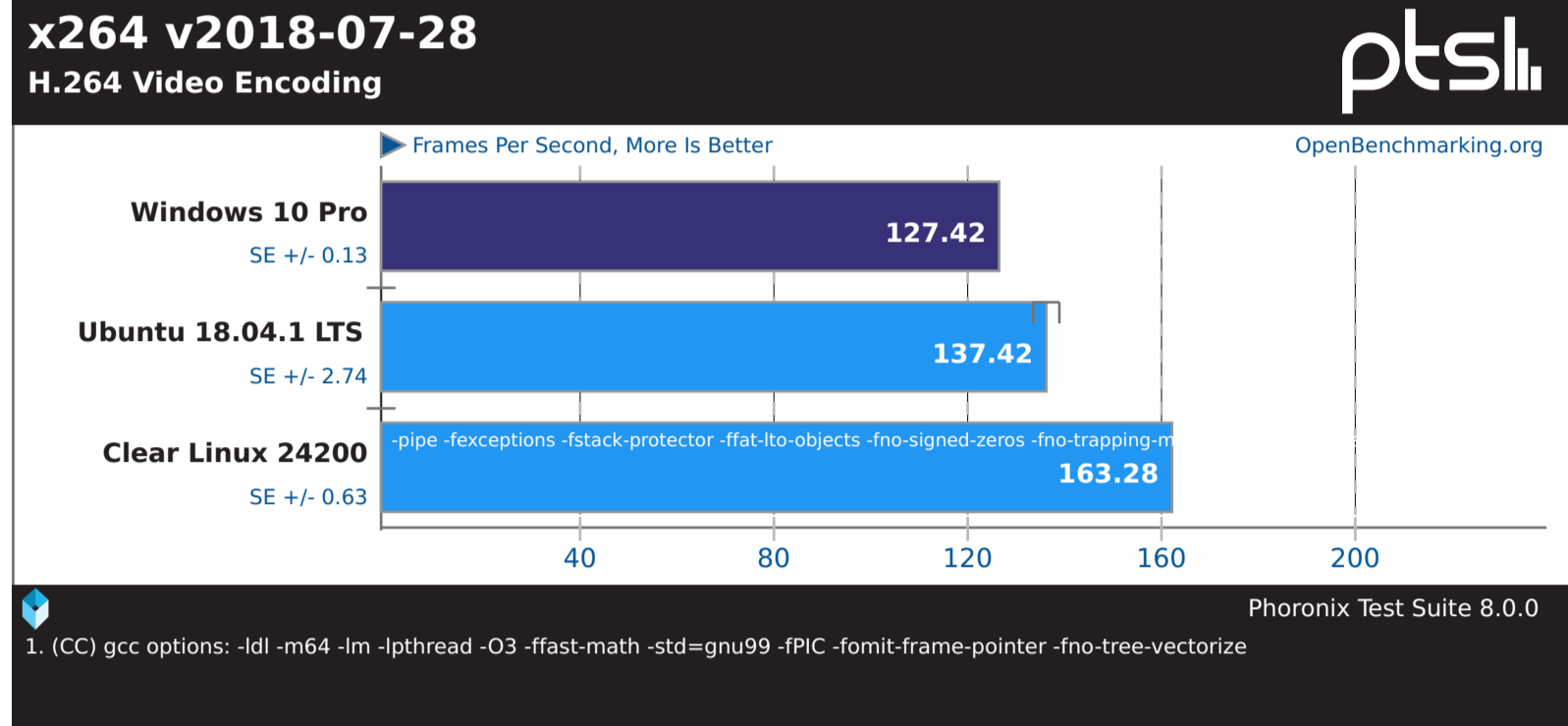
Written by Michael Larabel in Operating Systems on 13 August 2018. Page 2 of 4. 31 Comments



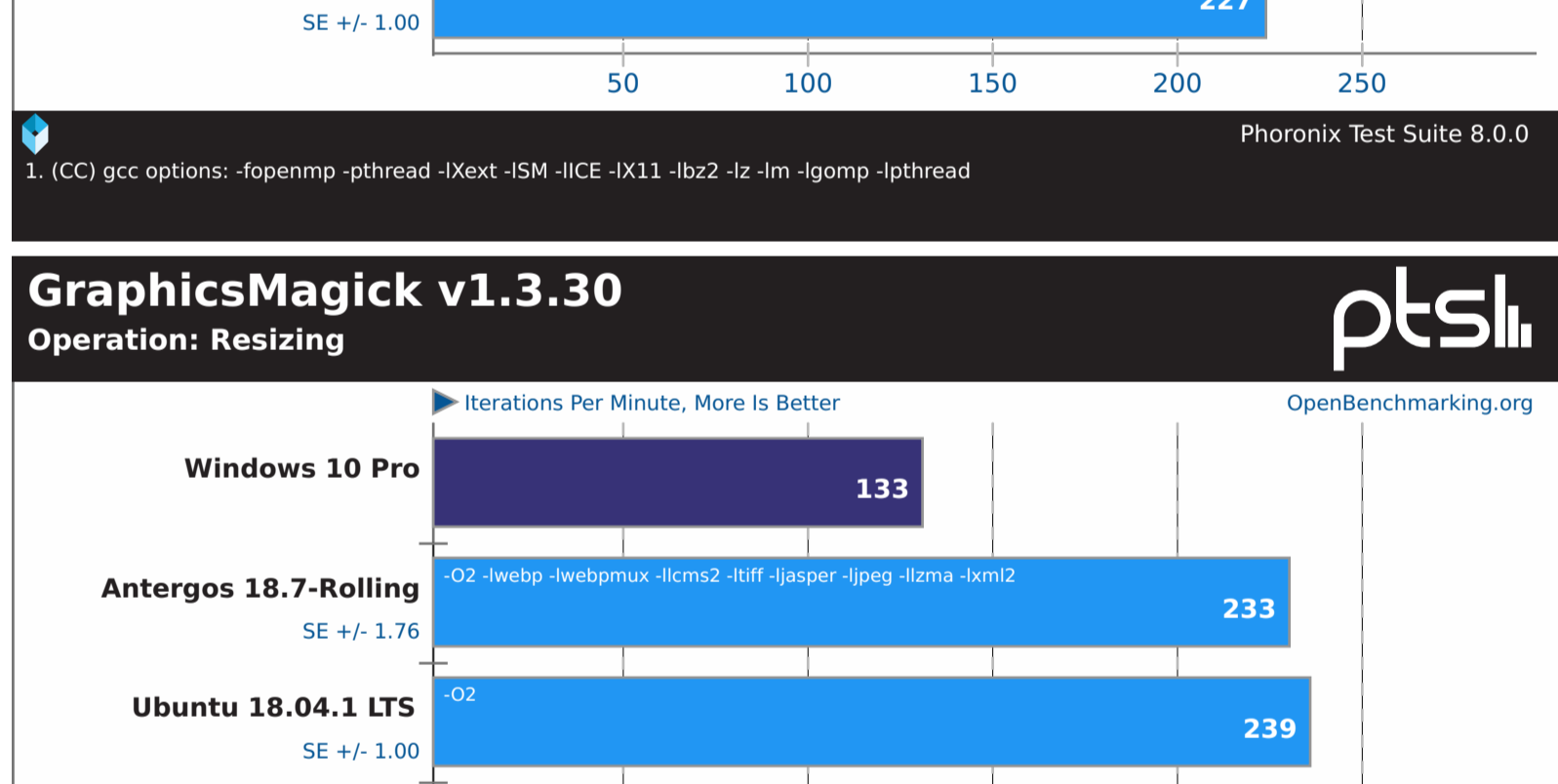
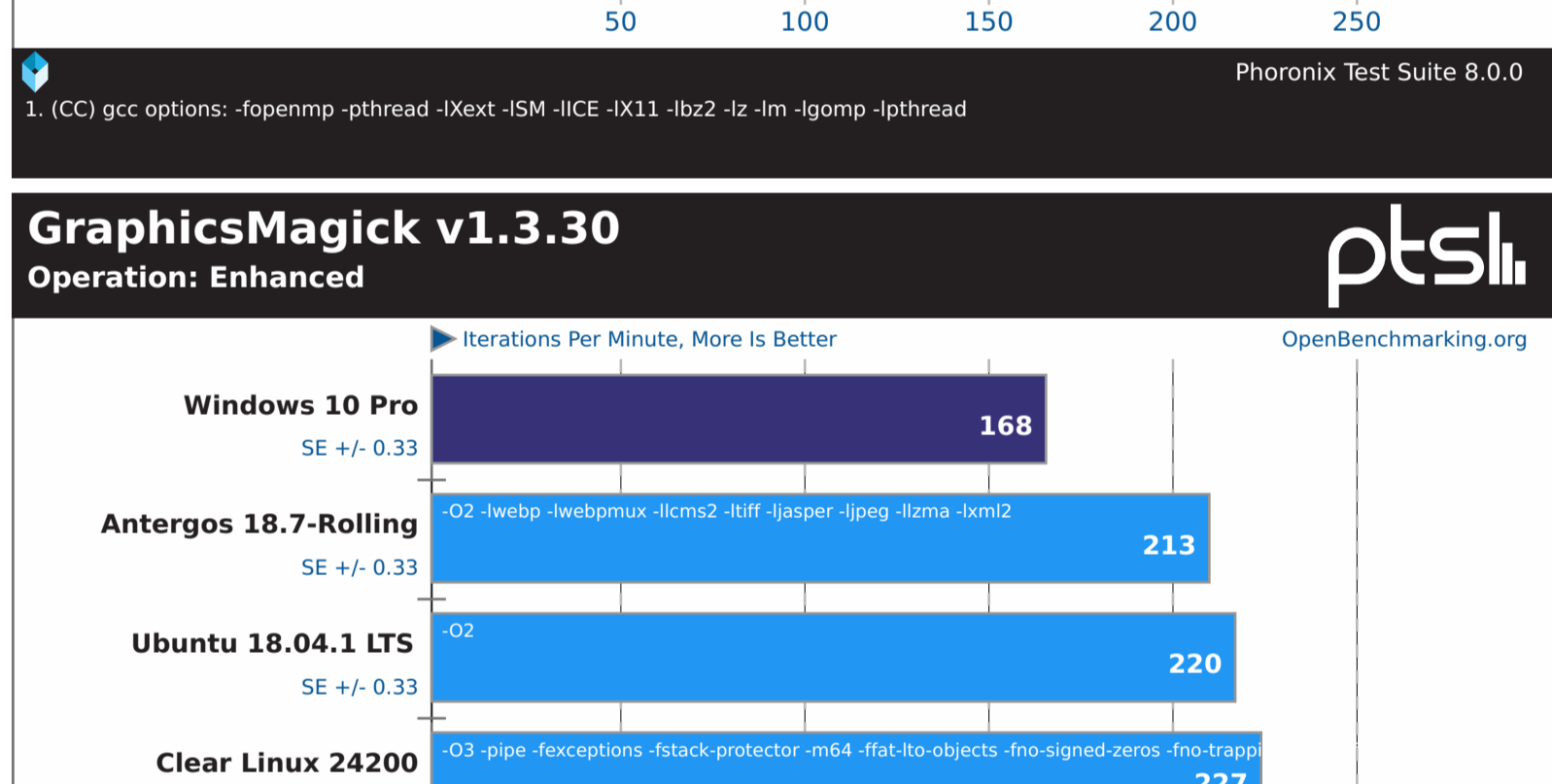
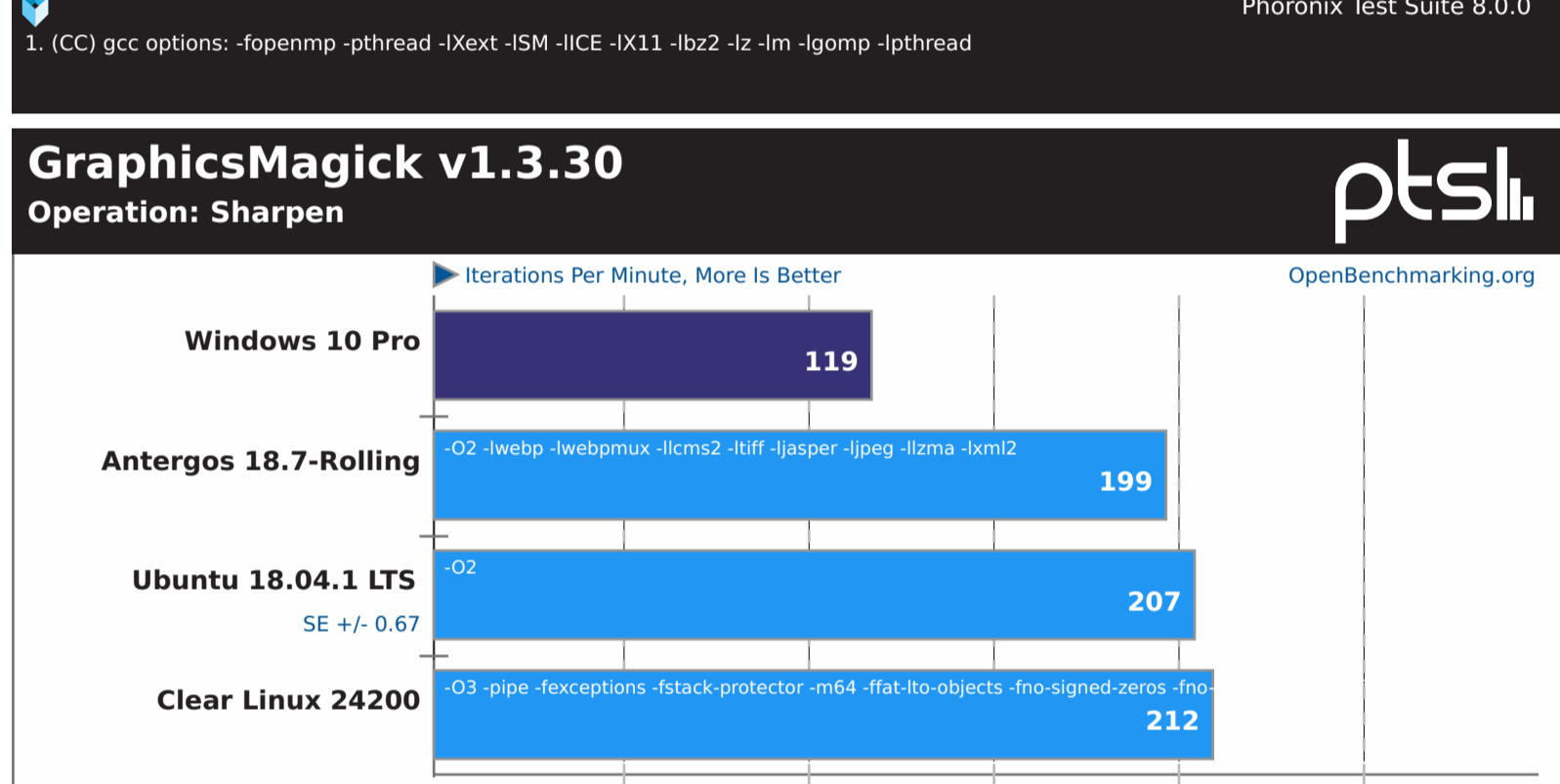
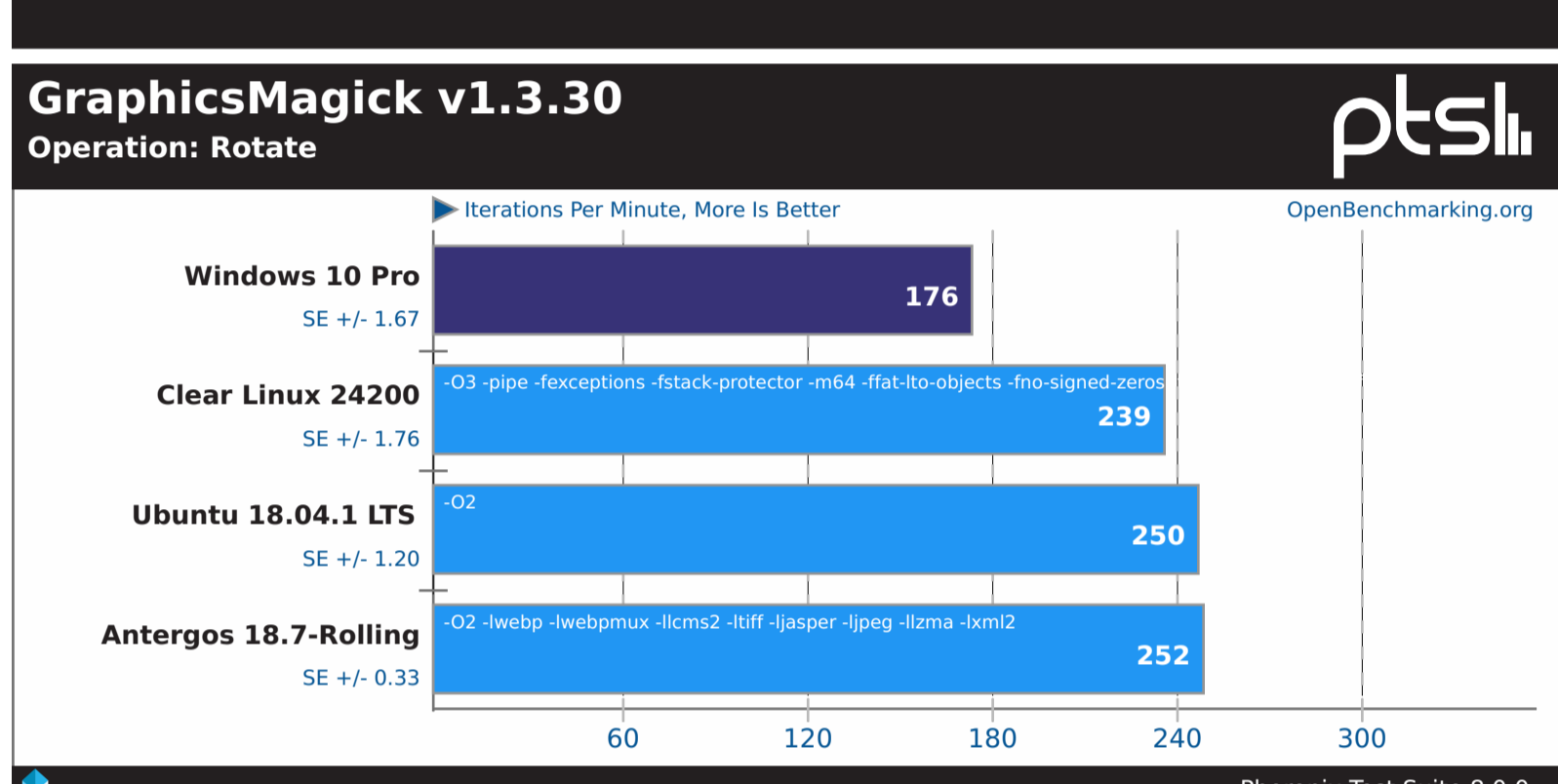
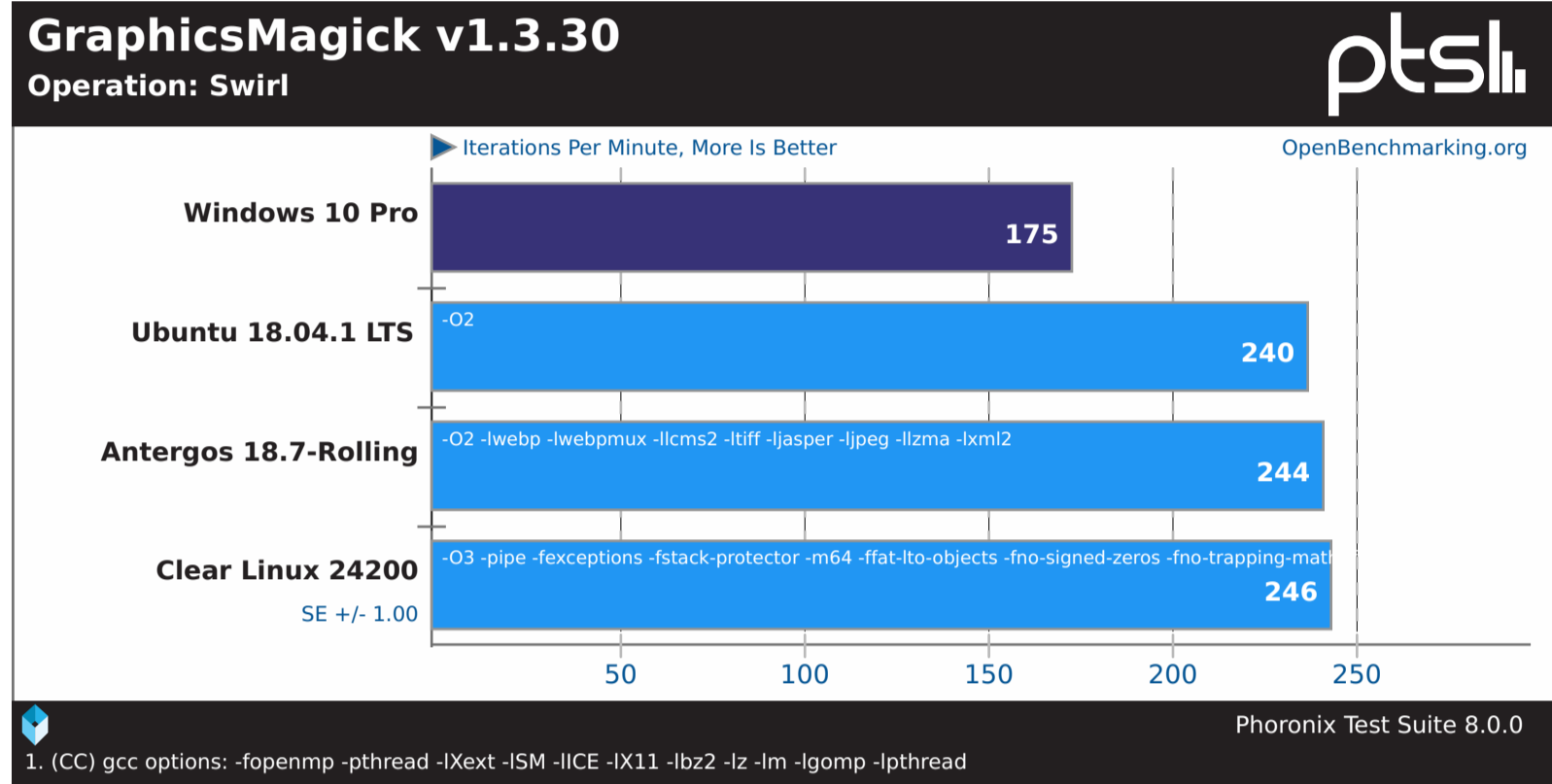
Within the Phourstones CPU benchmark, Windows 10 was the slowest but in this benchmark the spread isn't nearly as wide as some of the other tests... OpenSUSE Tumbleweed was the fastest in this test and came out to being 35% faster than Windows 10. Interestingly Clear Linux in this case was the slowest Linux distribution tested.



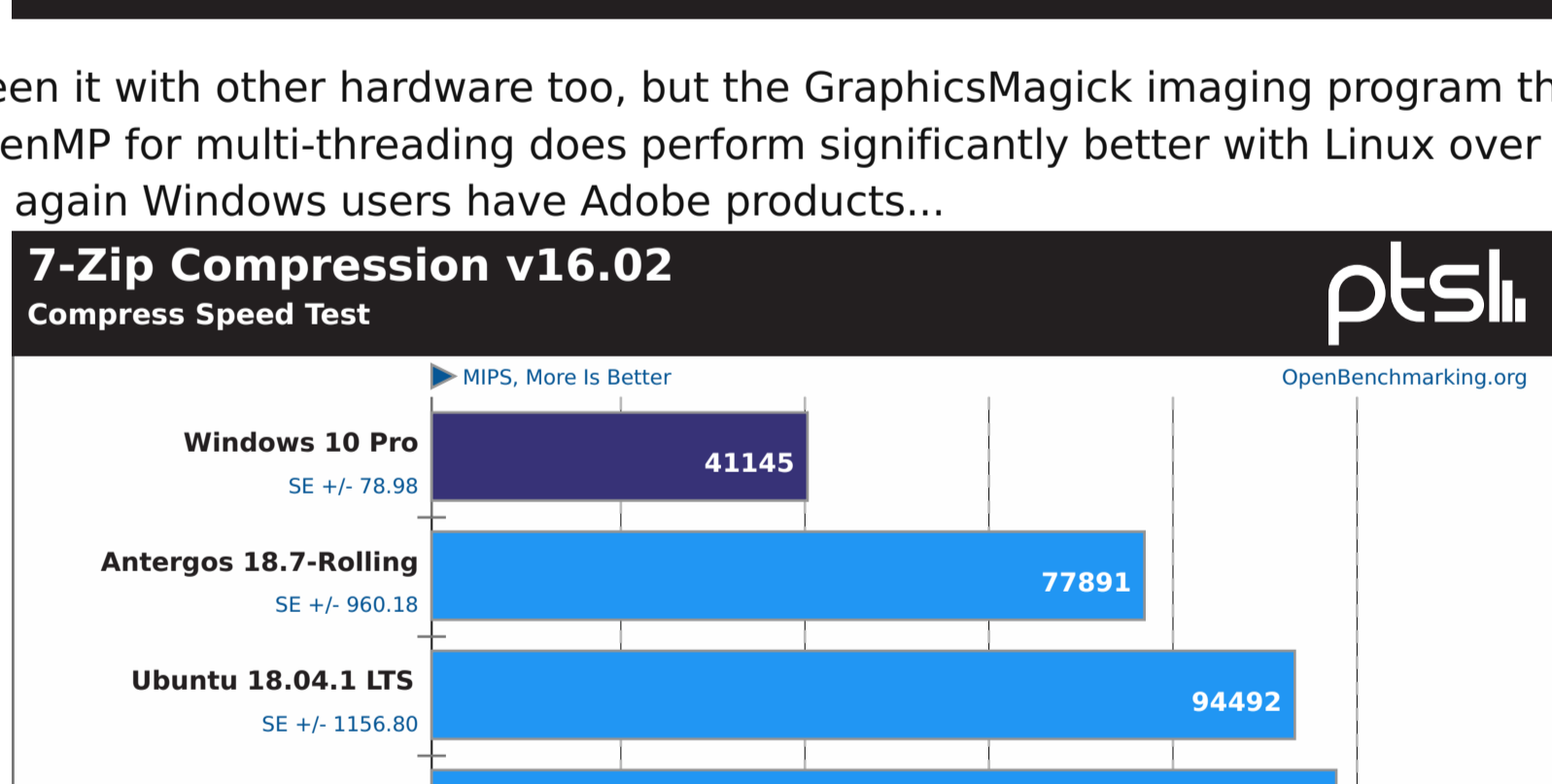
The Crafty multi-threaded chess engine was another one of the cross-platform benchmarks where the spread wasn't all that great: OpenSUSE Tumbleweed again was the fastest but only 10% faster than Windows.



The x264 video encoding performance was notably faster on Linux than Windows 10 at least on the platforms where there wasn't build configuration issues.

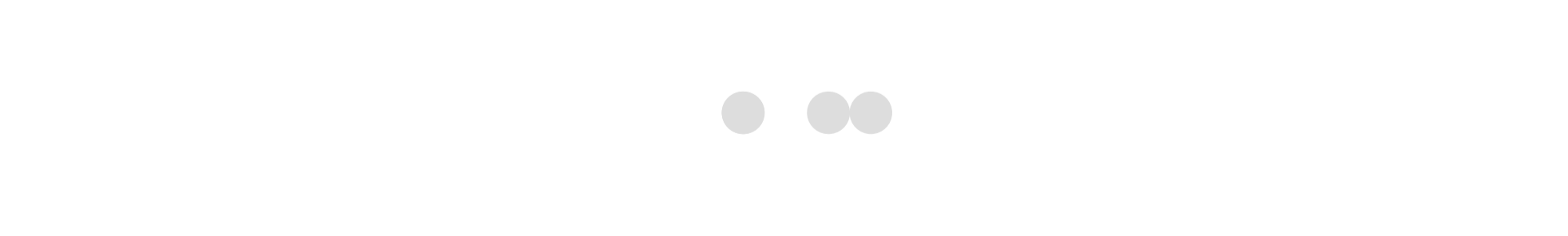
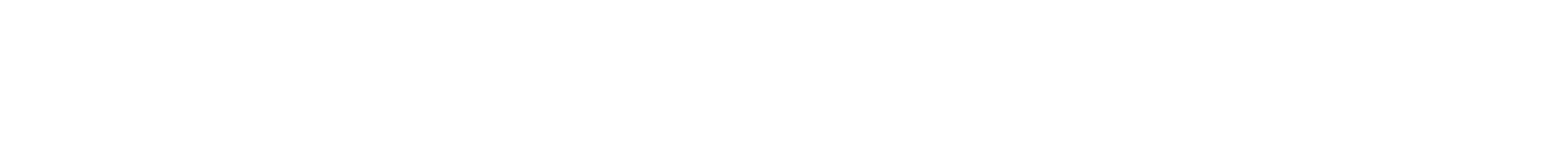


We've seen it with other hardware too, but the GraphicsMagick imaging program that relies upon OpenMP for multi-threading does perform significantly better with Linux over Windows. But then again Windows users have Adobe products...



With the 7-Zip compression benchmark, the Linux distributions all perform significantly better than the Windows 10 Pro result. (And our Windows 7-Zip result does appear to be in line with what some of the Windows publications reported as their performance.) The Linux distributions in this extreme case were about twice as fast.

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