

www.phoronix-test-suite.com

10980xe 2023

Intel Core i9-10980XE testing with a ASRock X299 Steel Legend (P1.30 BIOS) and llvmpipe on Ubuntu 22.04 via the Phoronix Test Suite.

Automated Executive Summary

Intel Core i9-10980XE had the most wins, coming in first place for 57% of the tests.

Based on the geometric mean of all complete results, the fastest (Intel Core i9-10980XE) was 1.003x the speed of the slowest (b).

The results with the greatest spread from best to worst included:

PostgreSQL (Scaling Factor: 1 - Clients: 500 - Mode: Read Write) at 1.187x
PostgreSQL (Scaling Factor: 1 - Clients: 500 - Mode: Read Write - Average Latency) at 1.185x
PostgreSQL (Scaling Factor: 1 - Clients: 800 - Mode: Read Only) at 1.129x
PostgreSQL (Scaling Factor: 1 - Clients: 800 - Mode: Read Only - Average Latency) at 1.129x
PostgreSQL (Scaling Factor: 1 - Clients: 800 - Mode: Read Write) at 1.102x
PostgreSQL (Scaling Factor: 1 - Clients: 800 - Mode: Read Write - Average Latency) at 1.1x
PostgreSQL (Scaling Factor: 1 - Clients: 1000 - Mode: Read Write - Average Latency) at 1.061x
PostgreSQL (Scaling Factor: 100 - Clients: 250 - Mode: Read Write) at 1.06x
PostgreSQL (Scaling Factor: 100 - Clients: 250 - Mode: Read Write - Average Latency) at 1.06x

PostgreSQL (Scaling Factor: 100 - Clients: 500 - Mode: Read Write - Average Latency) at 1.059x.

Test Systems:

Intel Core i9-10980XE

b

Processor: Intel Core i9-10980XE @ 4.80GHz (18 Cores / 36 Threads), Motherboard: ASRock X299 Steel Legend (P1.30 BIOS), Chipset: Intel Sky Lake-E DMI3 Registers, Memory: 32GB, Disk: Samsung SSD 970 PRO 512GB, Graphics: llvmpipe, Audio: Realtek ALC1220, Network: Intel I219-V + Intel I211

OS: Ubuntu 22.04, Kernel: 5.19.0-051900rc7-generic (x86_64), Desktop: GNOME Shell 42.2, Display Server: X Server 1.21.1.3, OpenGL: 4.5 Mesa 22.0.1 (LLVM 13.0.1 256 bits), Vulkan: 1.2.204, Compiler: GCC 11.3.0, File-System: ext4, Screen Resolution: 1024x768

Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-cet --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,m2 --enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-serialization=2 --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-11-xKiWfi/gcc-11-11.3.0/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-11-xKiWfi/gcc-11-11.3.0/debian/tmp-gcn/usr --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-build-config=bootstrap-lto-lean --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib=auto --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: intel_cpufreq schedutil - CPU Microcode: 0x5003302
Security Notes: itlb_multihit: KVM: Mitigation of VMX disabled + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Mitigation of Clear buffers; SMT vulnerable + retbleed: Mitigation of Enhanced IBRS + spec_store_bypass: Mitigation of SSB disabled via prctl + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Enhanced IBRS IBPB: conditional RSB filling + srbds: Not affected + tsx_async_abort: Mitigation of TSX disabled

	Intel Core i9-10980XE	b
Kvazaar - Bosphorus 4K - Slow (FPS)	**9.61**	**9.48**
Normalized	100%	98.65%
Kvazaar - Bosphorus 4K - Medium (FPS)	**9.87**	**9.8**
Normalized	100%	99.29%
Kvazaar - Bosphorus 1080p - Slow (FPS)	**19.06**	**19.24**
Normalized	99.06%	100%
Kvazaar - Bosphorus 1080p - Medium (FPS)	**20.16**	**19.95**
Normalized	100%	98.96%
Kvazaar - Bosphorus 4K - Very Fast (FPS)	**19.27**	**18.84**
Normalized	100%	97.77%
Kvazaar - Bosphorus 4K - Super Fast (FPS)	**29.46**	**29.19**
Normalized	100%	99.08%
Kvazaar - Bosphorus 4K - Ultra Fast (FPS)	**35.77**	**35.85**
Normalized	99.78%	100%
Kvazaar - Bosphorus 1080p - Very Fast (FPS)	**38.07**	**37.41**
Normalized	100%	98.27%

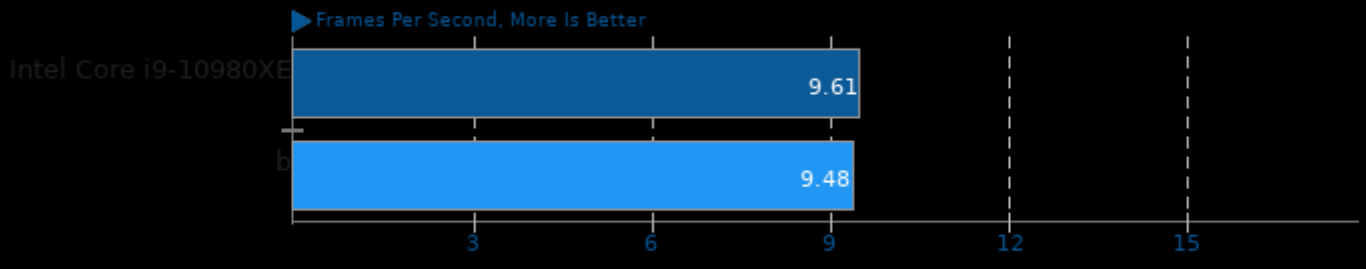
Kvazaar - Bosphorus 1080p - Super Fast (FPS)	**52.46**	**51.13**
Normalized	100%	97.46%
Kvazaar - Bosphorus 1080p - Ultra Fast (FPS)	**65.28**	**64.61**
Normalized	100%	98.97%
uvg266 - Bosphorus 4K - Slow (FPS)	**7.28**	**7.31**
Normalized	99.59%	100%
uvg266 - Bosphorus 4K - Medium (FPS)	**8.14**	**8.17**
Normalized	99.63%	100%
uvg266 - Bosphorus 1080p - Slow (FPS)	**18.07**	**18.05**
Normalized	100%	99.89%
uvg266 - Bosphorus 1080p - Medium (FPS)	**19.57**	**19.61**
Normalized	99.8%	100%
uvg266 - Bosphorus 4K - Very Fast (FPS)	**21.93**	**22.02**
Normalized	99.59%	100%
uvg266 - Bosphorus 4K - Super Fast (FPS)	**24.88**	**24.86**
Normalized	100%	99.92%
uvg266 - Bosphorus 4K - Ultra Fast (FPS)	**29.17**	**29.29**
Normalized	99.59%	100%
uvg266 - Bosphorus 1080p - Very Fast (FPS)	**47.48**	**46.15**
Normalized	100%	97.2%
uvg266 - Bosphorus 1080p - Super Fast (FPS)	**60.4**	**60.83**
Normalized	99.29%	100%
uvg266 - Bosphorus 1080p - Ultra Fast (FPS)	**54.05**	**53.77**
Normalized	100%	99.48%
PostgreSQL - 1 - 50 - Read Only (TPS)	**659416**	**658686**
Normalized	100%	99.89%
PostgreSQL - 1 - 50 - Read Only - Average Latency	0.076	0.076
PostgreSQL - 1 - 100 - Read Only (TPS)	**1140359**	**1140069**
Normalized	100%	99.97%
PostgreSQL - 1 - 100 - Read Only - Average Latency	0.088	0.088
PostgreSQL - 1 - 250 - Read Only (TPS)	**1109000**	**1117874**
Normalized	99.21%	100%
PostgreSQL - 1 - 250 - Read Only - Average Latency	**0.225**	**0.224**
Normalized	99.56%	100%
PostgreSQL - 1 - 50 - Read Write (TPS)	**563**	**545**
Normalized	100%	96.8%
PostgreSQL - 1 - 50 - Read Write - Average Latency	**88.756**	**91.775**
Normalized	100%	96.71%
PostgreSQL - 1 - 500 - Read Only (TPS)	**1000229**	**1039024**
Normalized	96.27%	100%
PostgreSQL - 1 - 500 - Read Only - Average Latency	**0.5**	**0.481**
Normalized	96.2%	100%
PostgreSQL - 1 - 800 - Read Only (TPS)	**894934**	**1010545**
Normalized	88.56%	100%
PostgreSQL - 1 - 800 - Read Only - Average Latency	**0.894**	**0.792**
Normalized	88.59%	100%
PostgreSQL - 1 - 100 - Read Write (TPS)	**540**	**531**
Normalized	100%	98.33%
PostgreSQL - 1 - 100 - Read Write - Average Latency (ms)	**185.018**	**188.246**
Normalized	100%	98.29%
PostgreSQL - 1 - 1000 - Read Only (TPS)	**917640**	**897694**
Normalized	100%	97.83%

PostgreSQL - 1 - 1000 - Read Only - Average Latency (ms)	1.09	1.114
Normalized	100%	97.85%
PostgreSQL - 1 - 250 - Read Write (TPS)	436	434
Normalized	100%	99.54%
PostgreSQL - 1 - 250 - Read Write - Average Latency (ms)	572.956	575.526
Normalized	100%	99.55%
PostgreSQL - 1 - 500 - Read Write (TPS)	305	362
Normalized	84.25%	100%
PostgreSQL - 1 - 500 - Read Write - Average Latency (ms)	1637	1381
Normalized	84.37%	100%
PostgreSQL - 1 - 800 - Read Write (TPS)	302	274
Normalized	100%	90.73%
PostgreSQL - 1 - 800 - Read Write - Average Latency (ms)	2652	2917
Normalized	100%	90.92%
PostgreSQL - 100 - 50 - Read Only (TPS)	611565	609602
Normalized	100%	99.68%
PostgreSQL - 100 - 50 - Read Only - Average Latency (ms)	0.082	0.082
PostgreSQL - 1 - 1000 - Read Write (TPS)	255	241
Normalized	100%	94.51%
PostgreSQL - 1 - 1000 - Read Write - Average Latency (ms)	3917	4157
Normalized	100%	94.21%
PostgreSQL - 100 - 100 - Read Only (TPS)	1026245	1037053
Normalized	98.96%	100%
PostgreSQL - 100 - 100 - Read Only - Average Latency (ms)	0.097	0.096
Normalized	98.97%	100%
PostgreSQL - 100 - 250 - Read Only (TPS)	1011476	1017651
Normalized	99.39%	100%
PostgreSQL - 100 - 250 - Read Only - Average Latency (ms)	0.247	0.246
Normalized	99.6%	100%
PostgreSQL - 100 - 50 - Read Write (TPS)	8015	7720
Normalized	100%	96.32%
PostgreSQL - 100 - 50 - Read Write - Average Latency (ms)	6.239	6.476
Normalized	100%	96.34%
PostgreSQL - 100 - 500 - Read Only (TPS)	921933	961018
Normalized	95.93%	100%
PostgreSQL - 100 - 500 - Read Only - Average Latency (ms)	0.542	0.52
Normalized	95.94%	100%
PostgreSQL - 100 - 800 - Read Only (TPS)	881296	887270
Normalized	99.33%	100%

PostgreSQL - 100 - 800 - Read Only - Average Latency (ms)	0.908	0.902
Normalized	99.34%	100%
PostgreSQL - 100 - 100 - Read Write (TPS)	10951	10390
Normalized	100%	94.88%
PostgreSQL - 100 - 100 - Read Write - Average Latency (ms)	9.132	9.625
Normalized	100%	94.88%
PostgreSQL - 100 - 1000 - Read Only (TPS)	781589	795146
Normalized	98.3%	100%
PostgreSQL - 100 - 1000 - Read Only - Average Latency (ms)	1.279	1.258
Normalized	98.36%	100%
PostgreSQL - 100 - 250 - Read Write (TPS)	13868	13080
Normalized	100%	94.32%
PostgreSQL - 100 - 250 - Read Write - Average Latency (ms)	18.027	19.113
Normalized	100%	94.32%
PostgreSQL - 100 - 500 - Read Write (TPS)	15080	14237
Normalized	100%	94.41%
PostgreSQL - 100 - 500 - Read Write - Average Latency (ms)	33.157	35.121
Normalized	100%	94.41%
PostgreSQL - 100 - 800 - Read Write (TPS)	15089	14536
Normalized	100%	96.34%
PostgreSQL - 100 - 800 - Read Write - Average Latency (ms)	53.017	55.035
Normalized	100%	96.33%
PostgreSQL - 100 - 1000 - Read Write (TPS)	14955	15065
Normalized	99.27%	100%
PostgreSQL - 100 - 1000 - Read Write - Average Latency (ms)	66.868	66.38
Normalized	99.27%	100%
BRL-CAD - V.P.M (VGR Performance Metric)	214293	214751
Normalized	99.79%	100%

Kvazaar 2.2

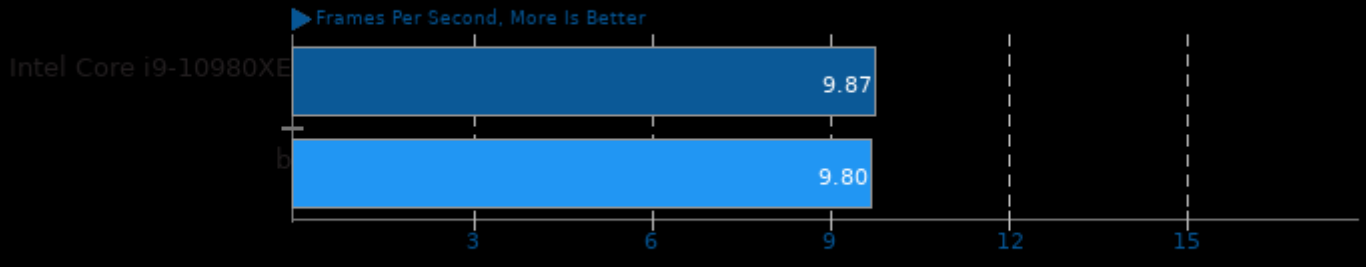
Video Input: Bosphorus 4K - Video Preset: Slow



1. (CC) gcc options: -pthread -ftree-vectorize -fvisibility=hidden -O2 -lpthread -lm -lrt

Kvazaar 2.2

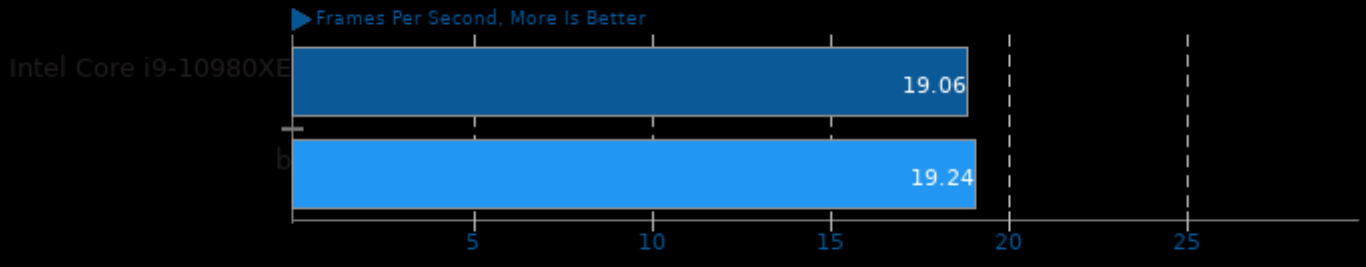
Video Input: Bosphorus 4K - Video Preset: Medium



1. (CC) gcc options: -pthread -ftree-vectorize -fvisibility=hidden -O2 -lpthread -lm -lrt

Kvazaar 2.2

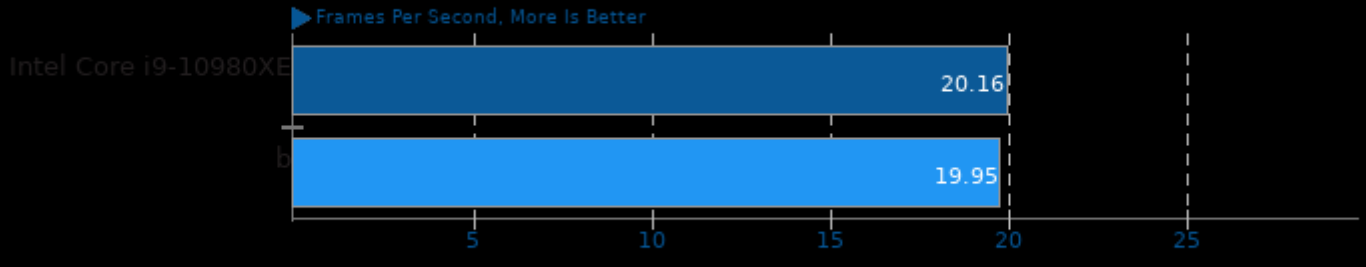
Video Input: Bosphorus 1080p - Video Preset: Slow



1. (CC) gcc options: -pthread -ftree-vectorize -fvisibility=hidden -O2 -lpthread -lm -lrt

Kvazaar 2.2

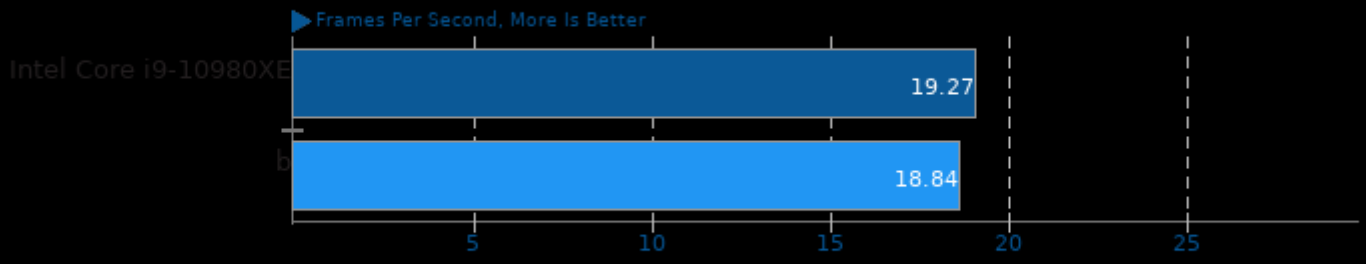
Video Input: Bosphorus 1080p - Video Preset: Medium



1. (CC) gcc options: -pthread -ftree-vectorize -fvisibility=hidden -O2 -lpthread -lm -lrt

Kvazaar 2.2

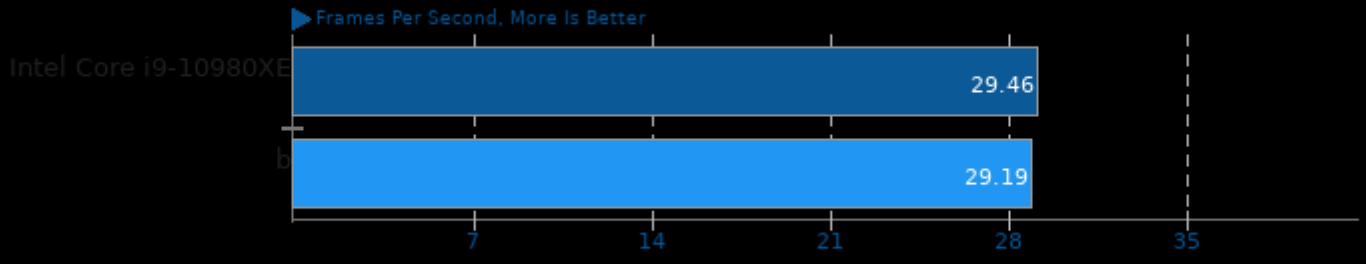
Video Input: Bosphorus 4K - Video Preset: Very Fast



1. (CC) gcc options: -pthread -ftree-vectorize -fvisibility=hidden -O2 -lpthread -lm -lrt

Kvazaar 2.2

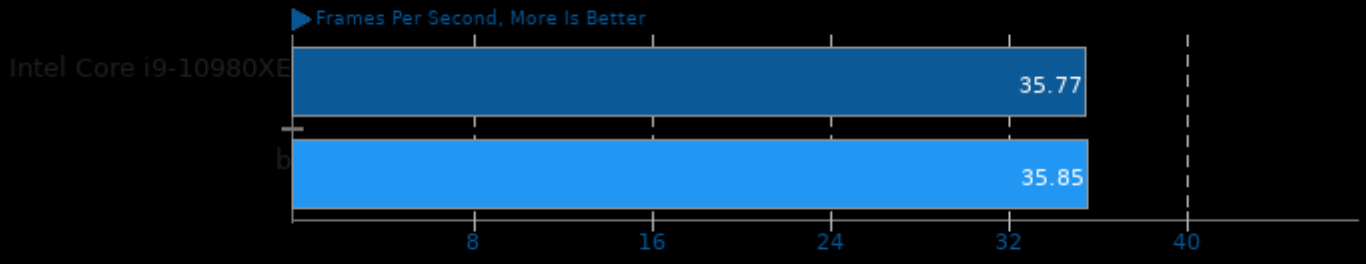
Video Input: Bosphorus 4K - Video Preset: Super Fast



1. (CC) gcc options: -pthread -ftree-vectorize -fvisibility=hidden -O2 -lpthread -lm -lrt

Kvazaar 2.2

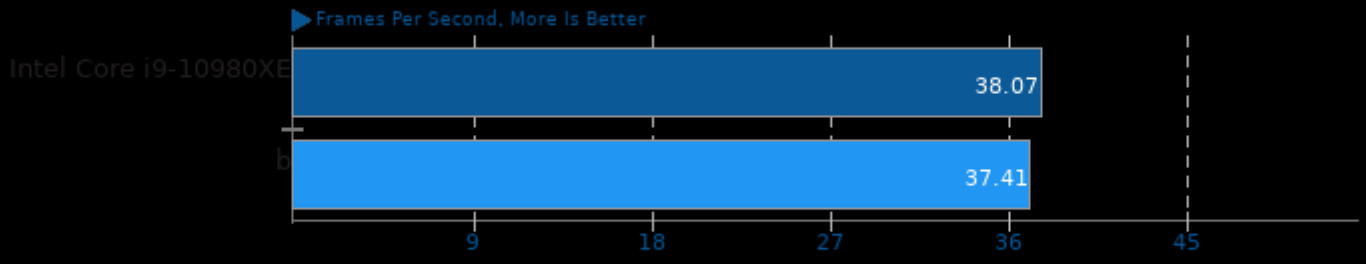
Video Input: Bosphorus 4K - Video Preset: Ultra Fast



1. (CC) gcc options: -pthread -ftree-vectorize -fvisibility=hidden -O2 -lpthread -lm -lrt

Kvazaar 2.2

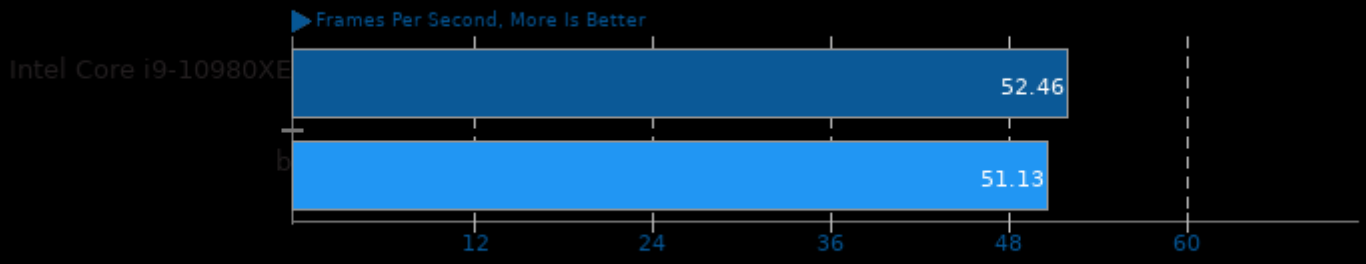
Video Input: Bosphorus 1080p - Video Preset: Very Fast



1. (CC) gcc options: -pthread -ftree-vectorize -fvisibility=hidden -O2 -lpthread -lm -lrt

Kvazaar 2.2

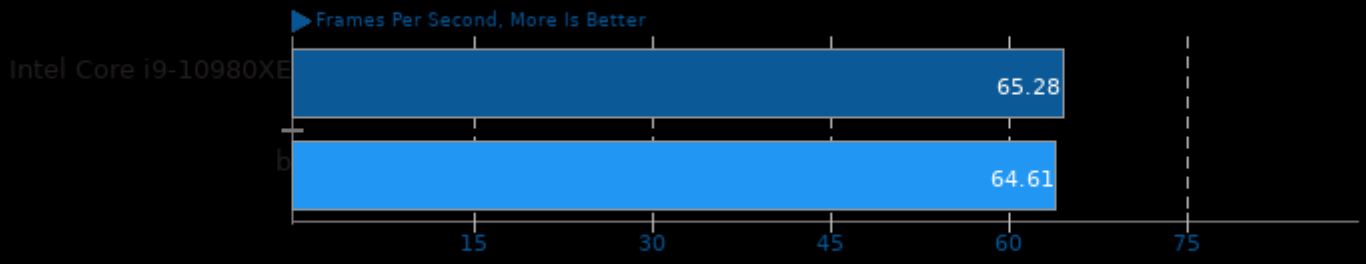
Video Input: Bosphorus 1080p - Video Preset: Super Fast



1. (CC) gcc options: -pthread -ftree-vectorize -fvisibility=hidden -O2 -lpthread -lm -lrt

Kvazaar 2.2

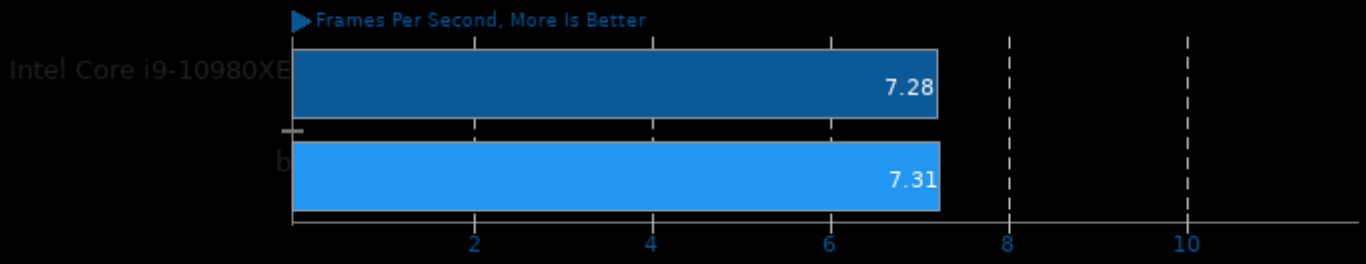
Video Input: Bosphorus 1080p - Video Preset: Ultra Fast



1. (CC) gcc options: -pthread -ftree-vectorize -fvisibility=hidden -O2 -lpthread -lm -lrt

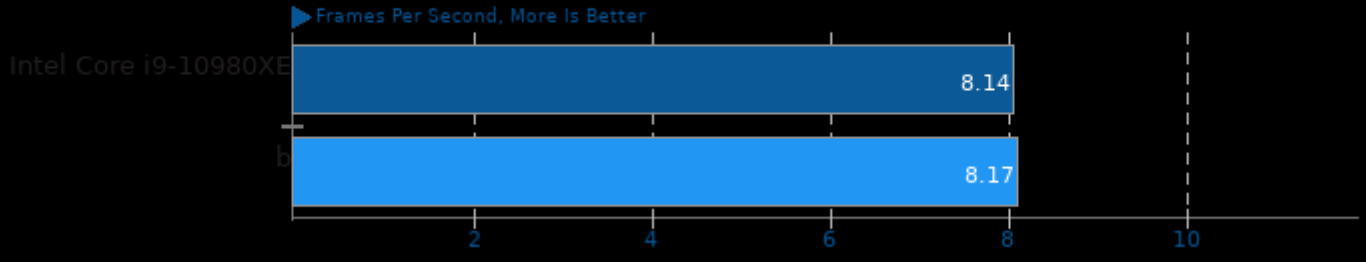
uvg266 0.4.1

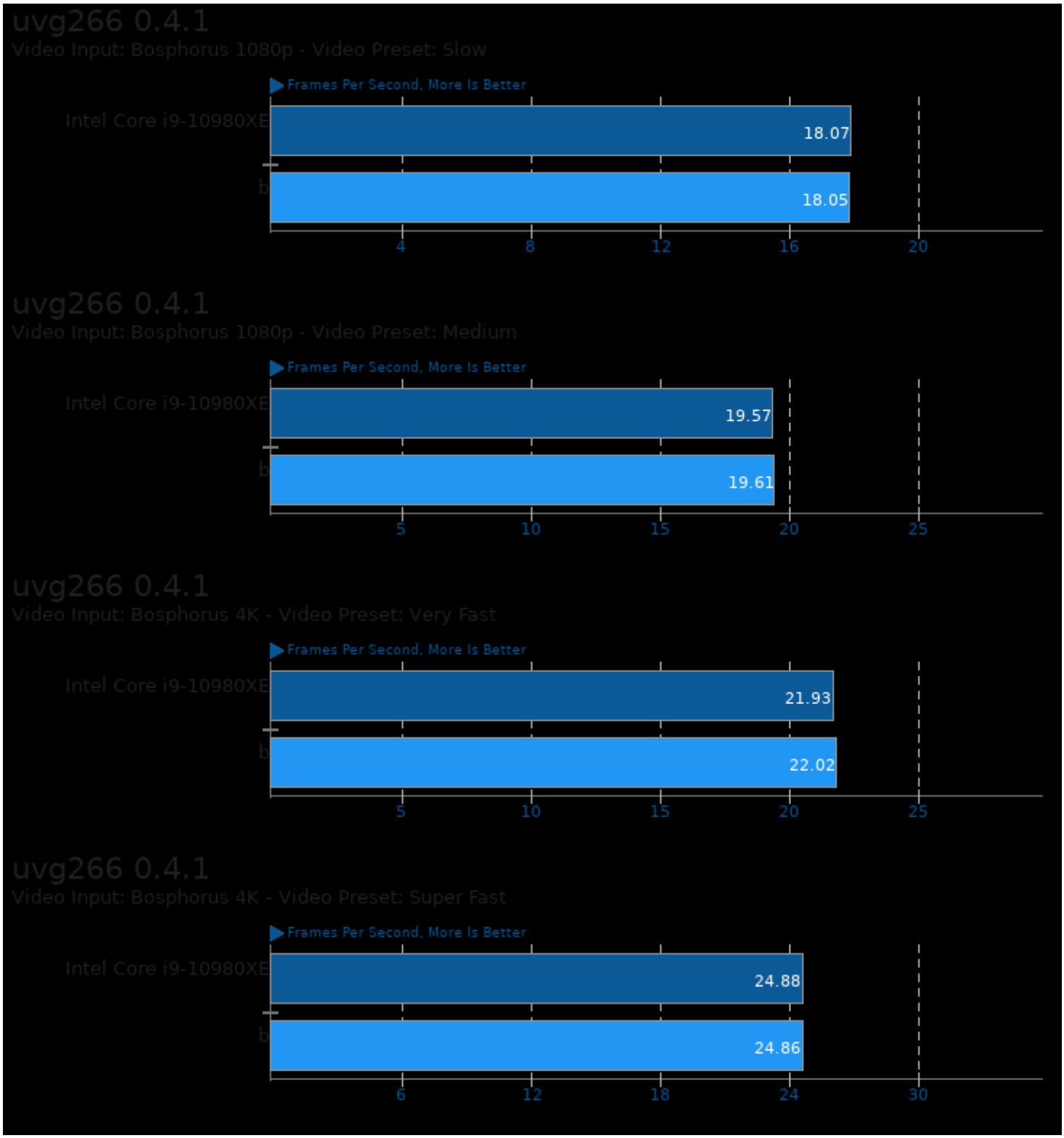
Video Input: Bosphorus 4K - Video Preset: Slow

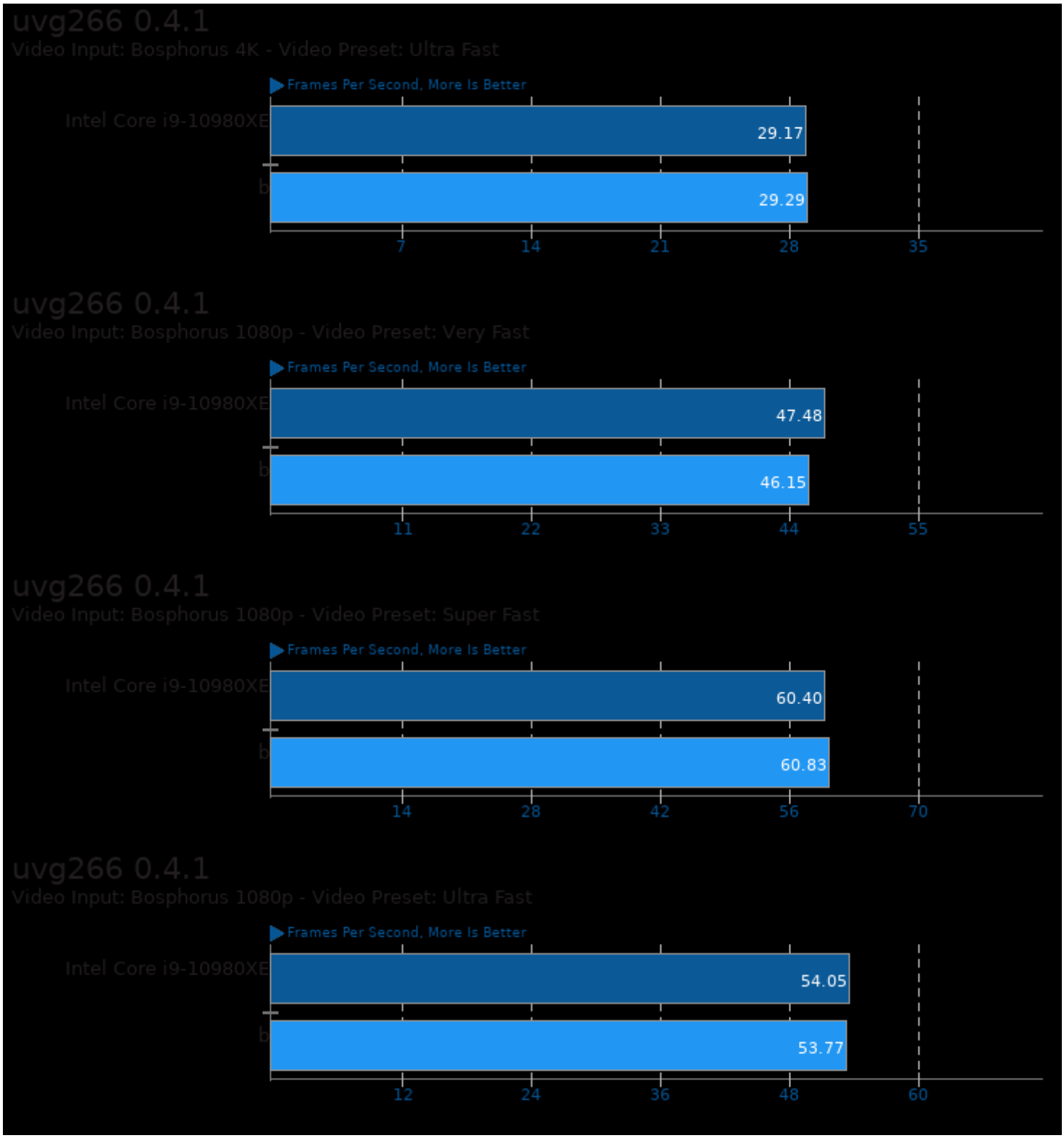


uvg266 0.4.1

Video Input: Bosphorus 4K - Video Preset: Medium

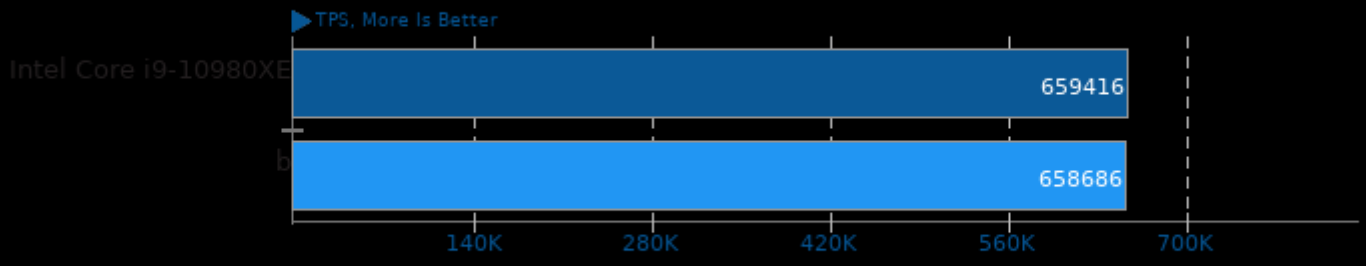



uvg266 0.4.1
Video Input: Bosphorus 1080p - Video Preset: Slow
Frames Per Second, More Is Better
Intel Core i9-10980XE
18.07
18.05
4
8
12
16
20
uvg266 0.4.1
Video Input: Bosphorus 1080p - Video Preset: Medium
Frames Per Second, More Is Better
Intel Core i9-10980XE
19.57
19.61
5
10
15
20
25
uvg266 0.4.1
Video Input: Bosphorus 4K - Video Preset: Very Fast
Frames Per Second, More Is Better
Intel Core i9-10980XE
21.93
22.02
5
10
15
20
25
uvg266 0.4.1
Video Input: Bosphorus 4K - Video Preset: Super Fast
Frames Per Second, More Is Better
Intel Core i9-10980XE
24.88
24.86
6
12
18
24
30


uvg266 0.4.1
Video Input: Bosphorus 4K - Video Preset: Ultra Fast
Frames Per Second, More Is Better
Intel Core i9-10980XE
29.17
29.29
7
14
21
28
35
uvg266 0.4.1
Video Input: Bosphorus 1080p - Video Preset: Very Fast
Frames Per Second, More Is Better
Intel Core i9-10980XE
47.48
46.15
11
22
33
44
55
uvg266 0.4.1
Video Input: Bosphorus 1080p - Video Preset: Super Fast
Frames Per Second, More Is Better
Intel Core i9-10980XE
60.40
60.83
14
28
42
56
70
uvg266 0.4.1
Video Input: Bosphorus 1080p - Video Preset: Ultra Fast
Frames Per Second, More Is Better
Intel Core i9-10980XE
54.05
53.77
12
24
36
48
60

PostgreSQL 15

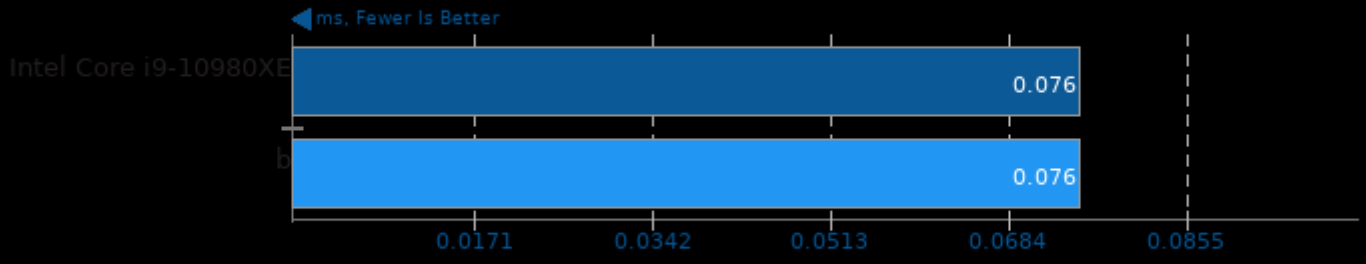
Scaling Factor: 1 - Clients: 50 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

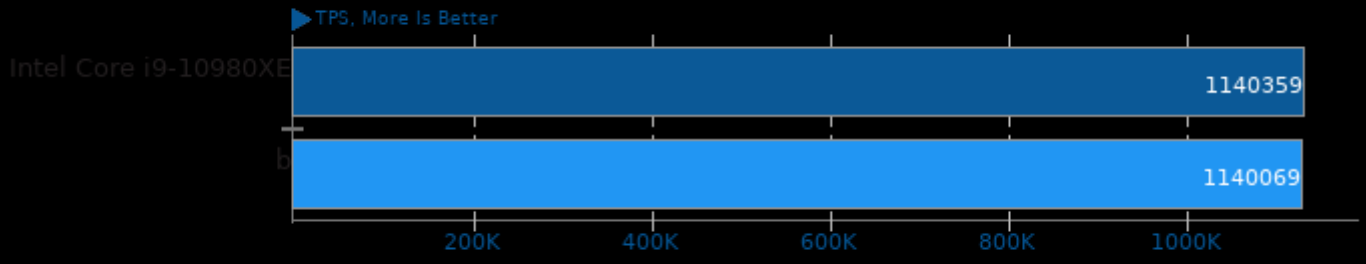
Scaling Factor: 1 - Clients: 50 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

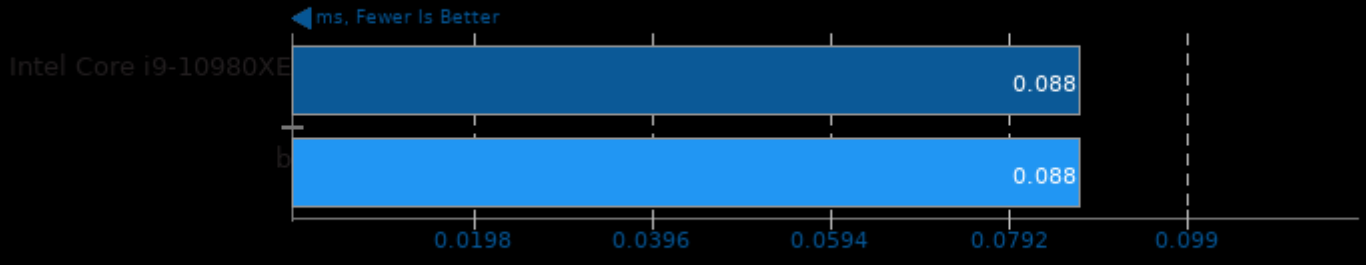
Scaling Factor: 1 - Clients: 100 - Mode: Read Only



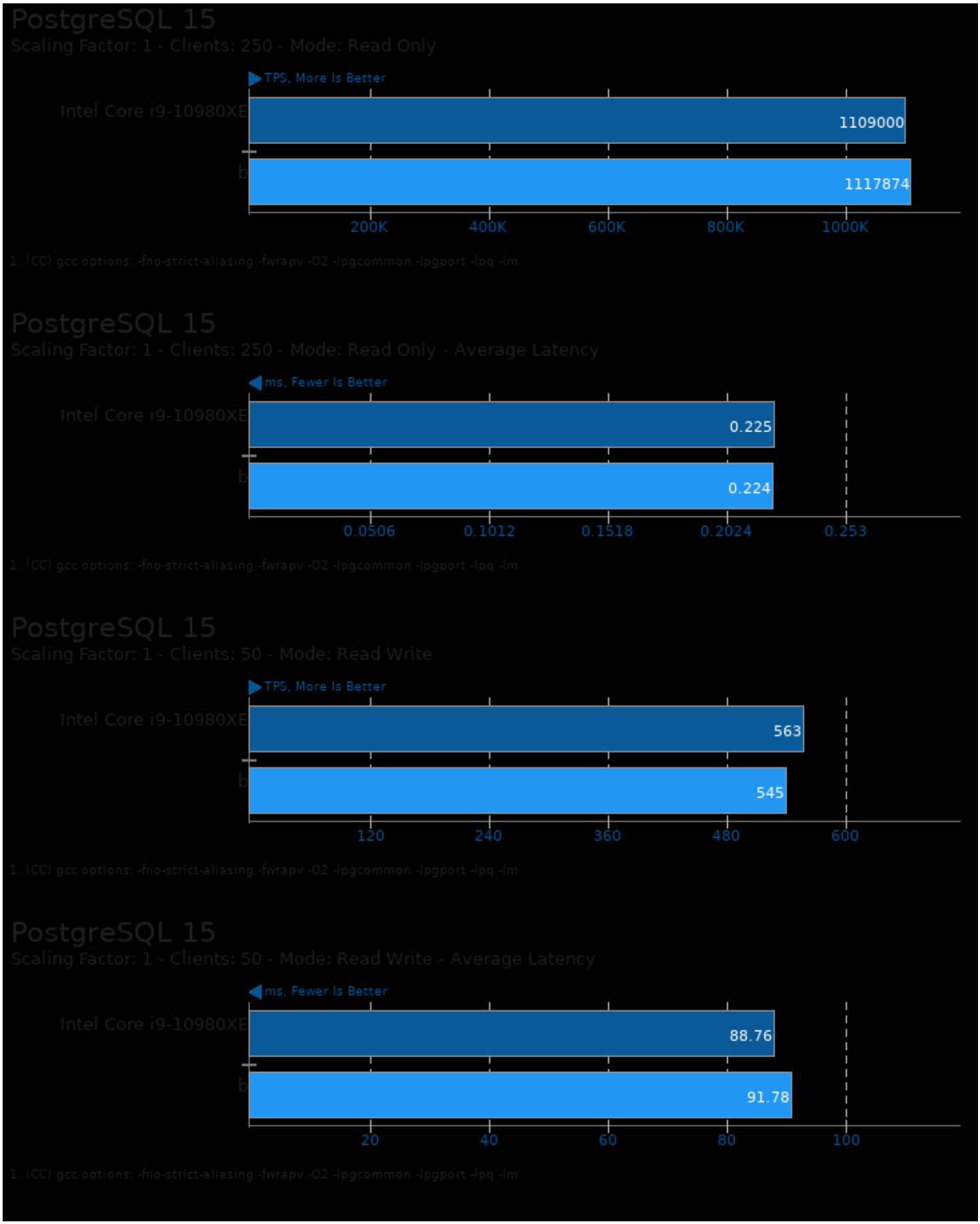
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

Scaling Factor: 1 - Clients: 100 - Mode: Read Only - Average Latency

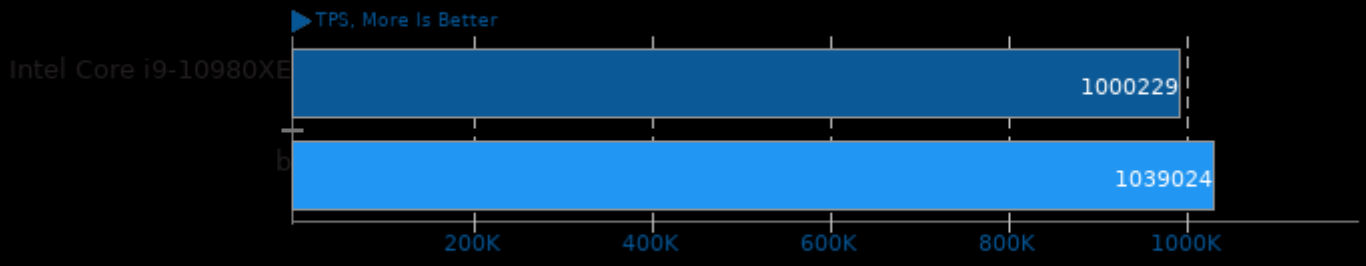


1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm


PostgreSQL 15
Scaling Factor: 1 - Clients: 250 - Mode: Read Only
TPS, More Is Better
Intel Core i9-10980XE
1109000
1117874
200K
400K
600K
800K
1000K
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm
PostgreSQL 15
Scaling Factor: 1 - Clients: 250 - Mode: Read Only - Average Latency
ms, Fewer Is Better
Intel Core i9-10980XE
0.225
0.224
0.0506
0.1012
0.1518
0.2024
0.253
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm
PostgreSQL 15
Scaling Factor: 1 - Clients: 50 - Mode: Read Write
TPS, More Is Better
Intel Core i9-10980XE
563
545
120
240
360
480
600
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm
PostgreSQL 15
Scaling Factor: 1 - Clients: 50 - Mode: Read Write - Average Latency
ms, Fewer Is Better
Intel Core i9-10980XE
88.76
91.78
20
40
60
80
100
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

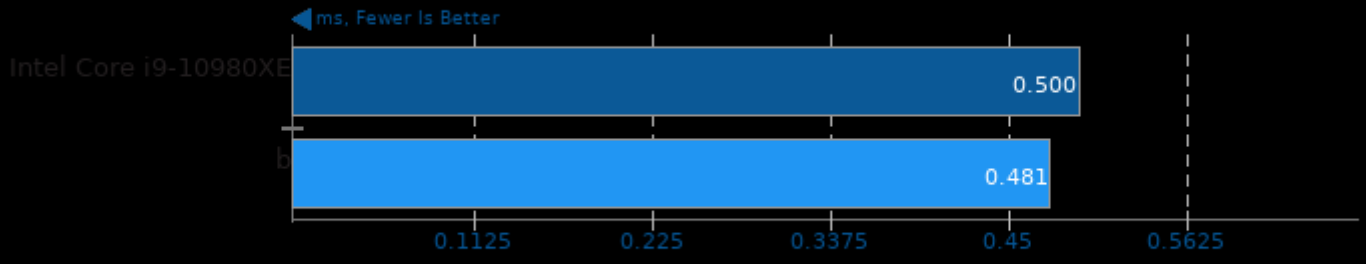
Scaling Factor: 1 - Clients: 500 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

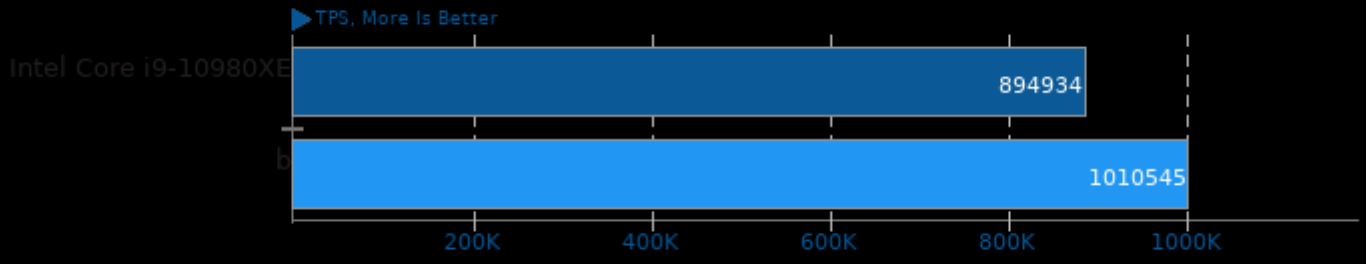
Scaling Factor: 1 - Clients: 500 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

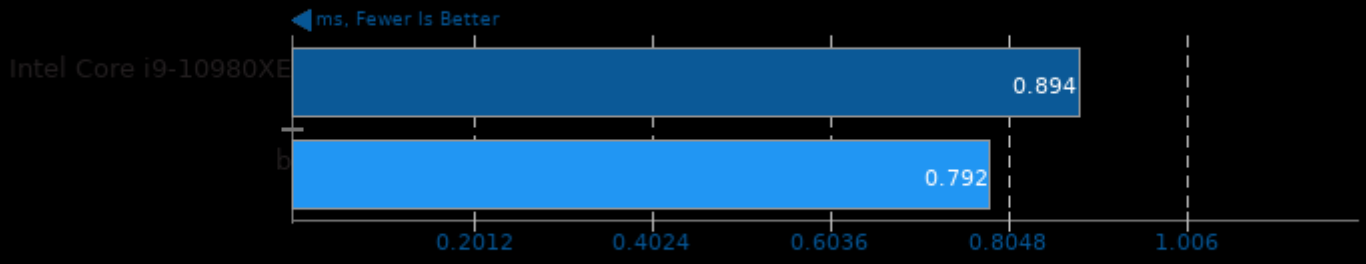
Scaling Factor: 1 - Clients: 800 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

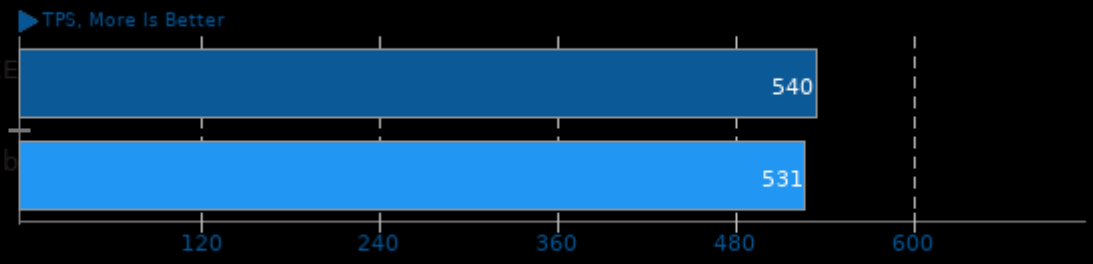
Scaling Factor: 1 - Clients: 800 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

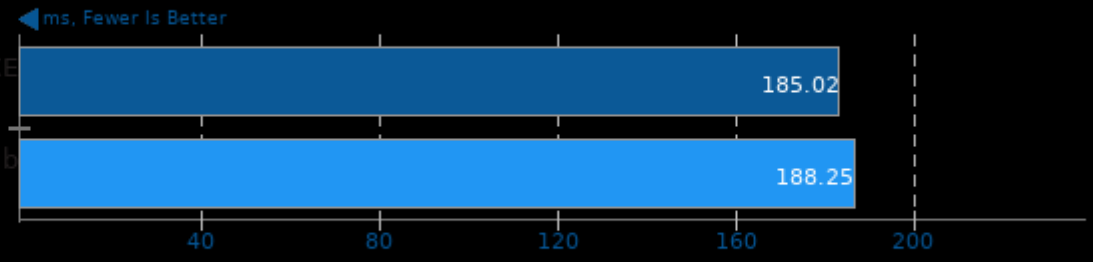
Scaling Factor: 1 - Clients: 100 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

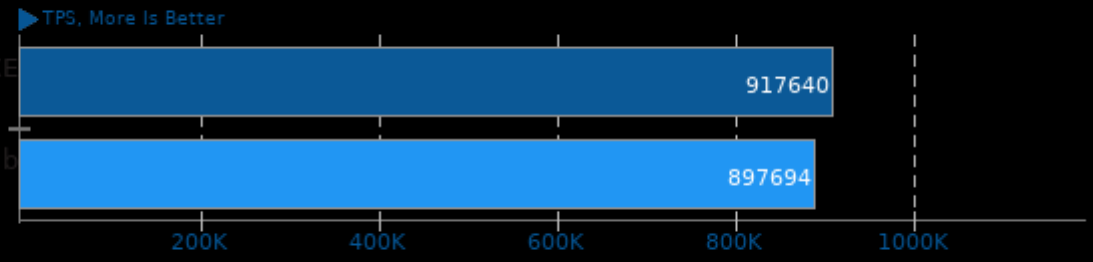
Scaling Factor: 1 - Clients: 100 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

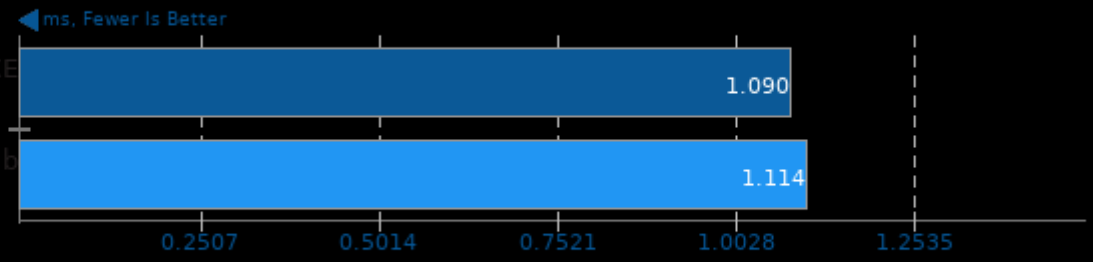
Scaling Factor: 1 - Clients: 1000 - Mode: Read Only



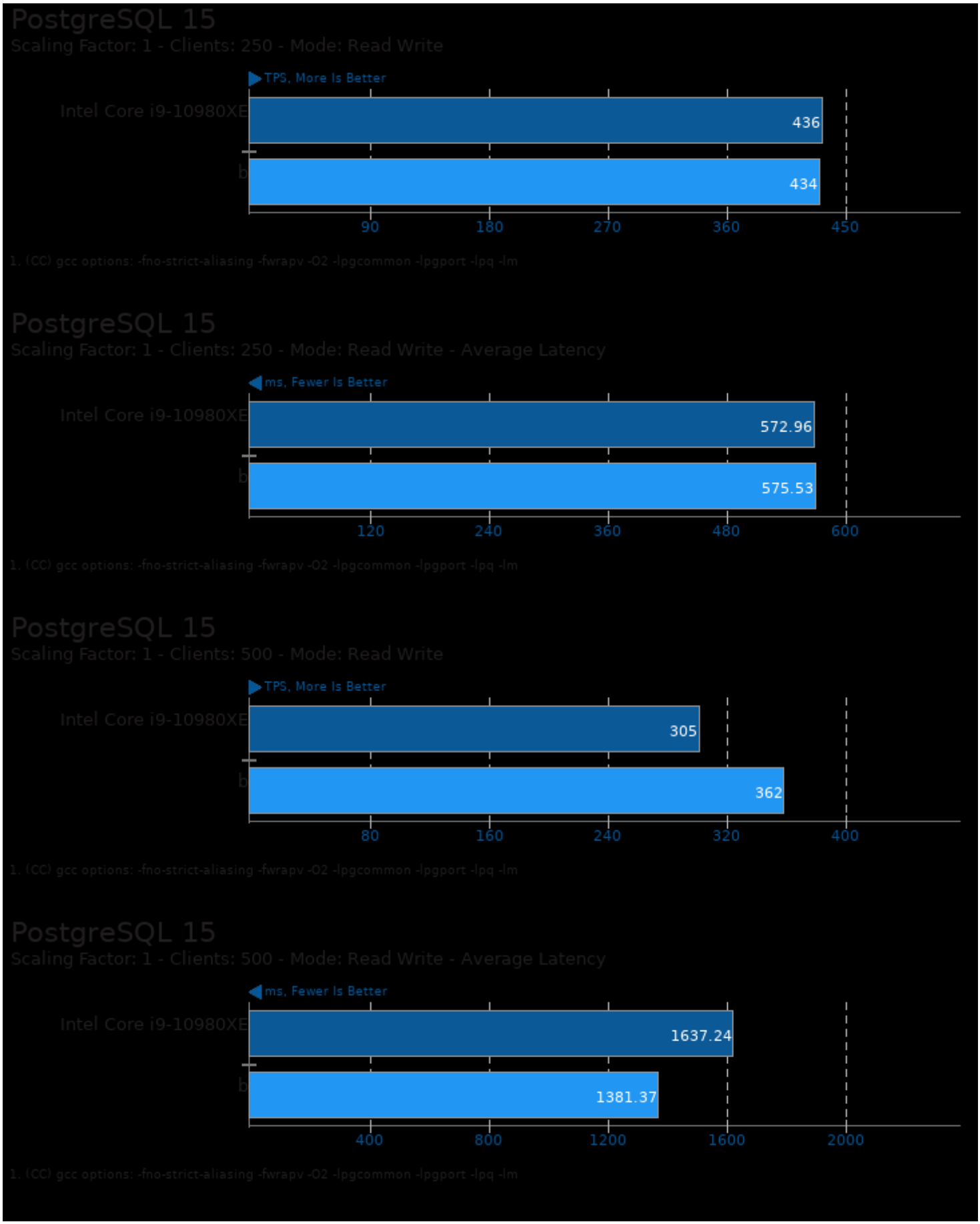
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

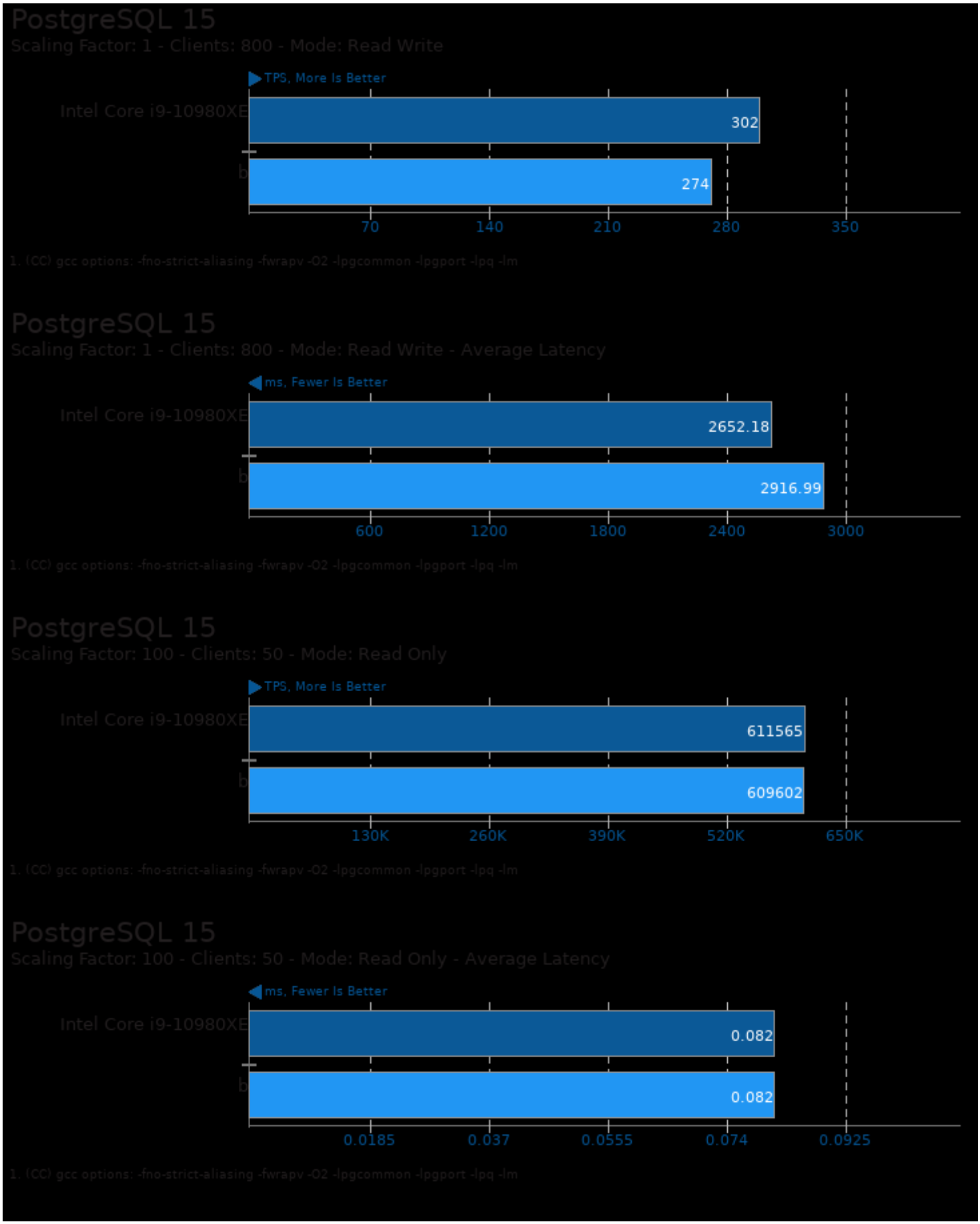
PostgreSQL 15

Scaling Factor: 1 - Clients: 1000 - Mode: Read Only - Average Latency



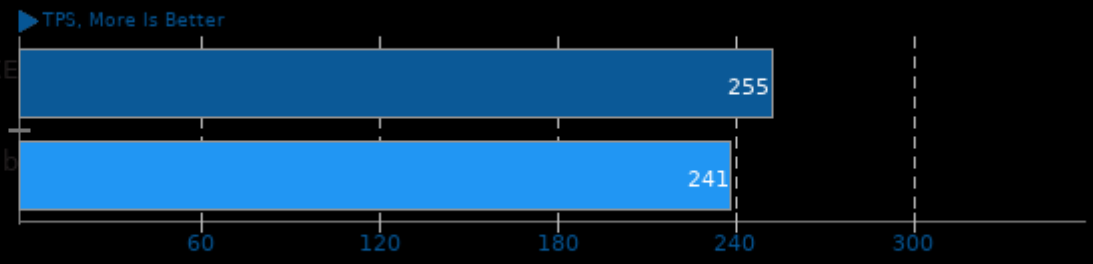
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm


PostgreSQL 15
Scaling Factor: 1 - Clients: 250 - Mode: Read Write
TPS, More Is Better
Intel Core i9-10980XE
436
434
90
180
270
360
450
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm
PostgreSQL 15
Scaling Factor: 1 - Clients: 250 - Mode: Read Write - Average Latency
ms, Fewer Is Better
Intel Core i9-10980XE
572.96
575.53
120
240
360
480
600
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm
PostgreSQL 15
Scaling Factor: 1 - Clients: 500 - Mode: Read Write
TPS, More Is Better
Intel Core i9-10980XE
305
362
80
160
240
320
400
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm
PostgreSQL 15
Scaling Factor: 1 - Clients: 500 - Mode: Read Write - Average Latency
ms, Fewer Is Better
Intel Core i9-10980XE
1637.24
1381.37
400
800
1200
1600
2000
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm


PostgreSQL 15
Scaling Factor: 1 - Clients: 800 - Mode: Read Write
TPS, More Is Better
Intel Core i9-10980XE
302
274
70
140
210
280
350
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm
PostgreSQL 15
Scaling Factor: 1 - Clients: 800 - Mode: Read Write - Average Latency
ms, Fewer Is Better
Intel Core i9-10980XE
2652.18
2916.99
600
1200
1800
2400
3000
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm
PostgreSQL 15
Scaling Factor: 100 - Clients: 50 - Mode: Read Only
TPS, More Is Better
Intel Core i9-10980XE
611565
609602
130K
260K
390K
520K
650K
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm
PostgreSQL 15
Scaling Factor: 100 - Clients: 50 - Mode: Read Only - Average Latency
ms, Fewer Is Better
Intel Core i9-10980XE
0.082
0.082
0.0185
0.037
0.0555
0.074
0.0925
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

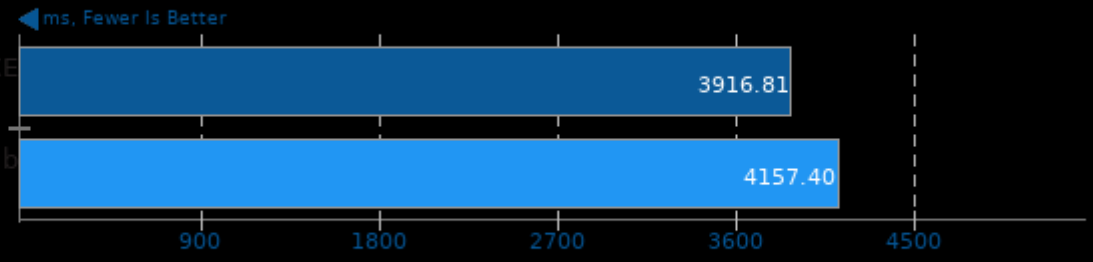
Scaling Factor: 1 - Clients: 1000 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

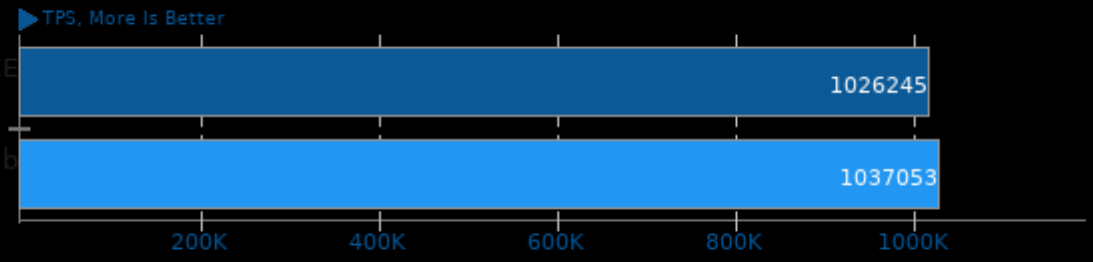
Scaling Factor: 1 - Clients: 1000 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

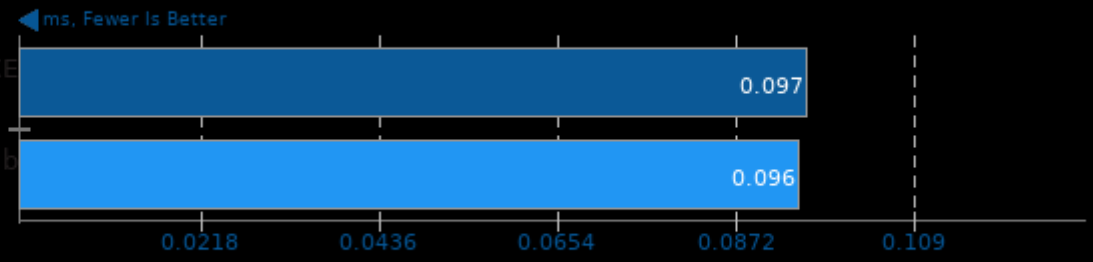
Scaling Factor: 100 - Clients: 100 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

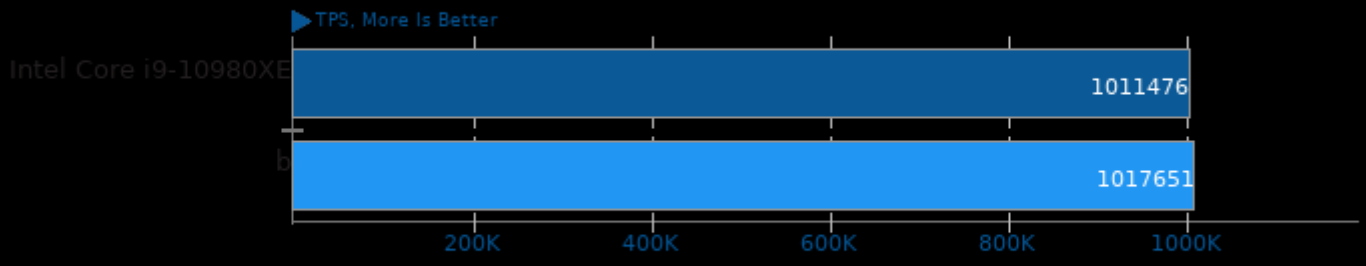
Scaling Factor: 100 - Clients: 100 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

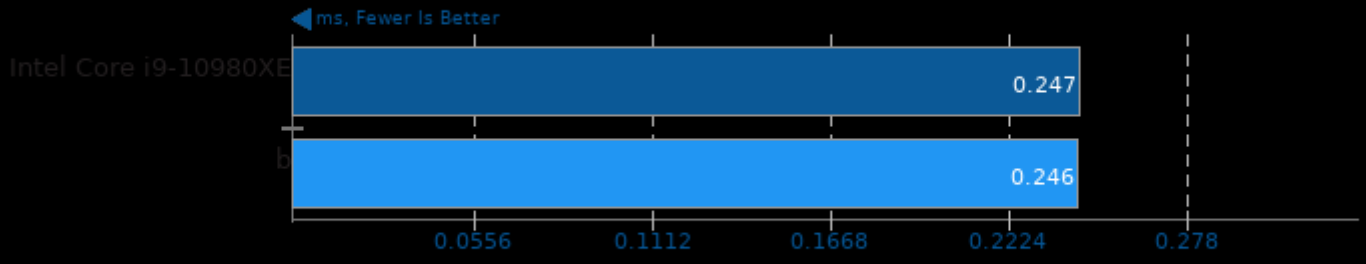
Scaling Factor: 100 - Clients: 250 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

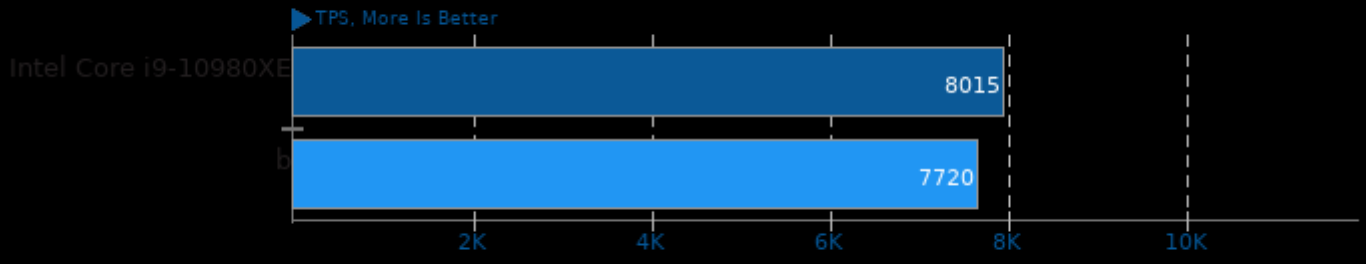
Scaling Factor: 100 - Clients: 250 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

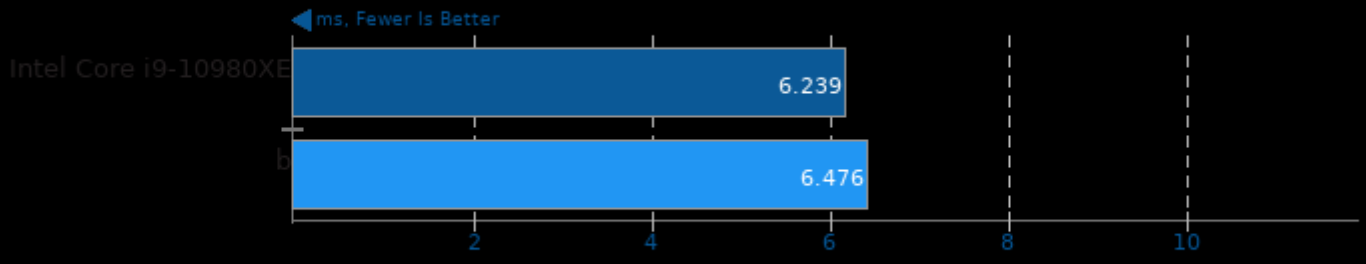
Scaling Factor: 100 - Clients: 50 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

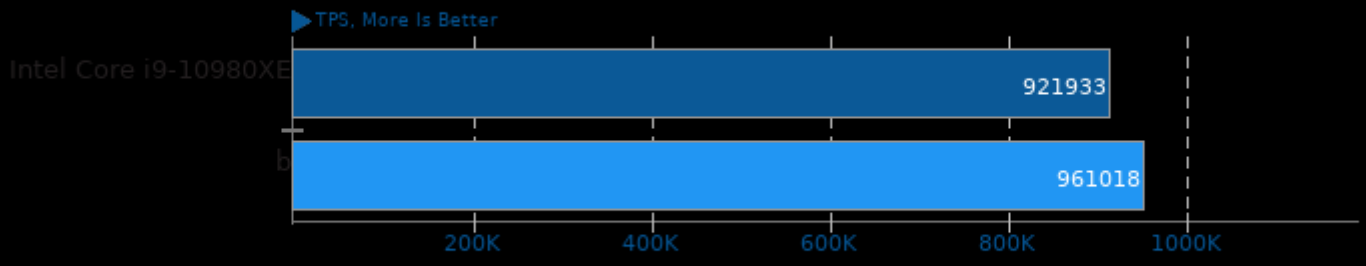
Scaling Factor: 100 - Clients: 50 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

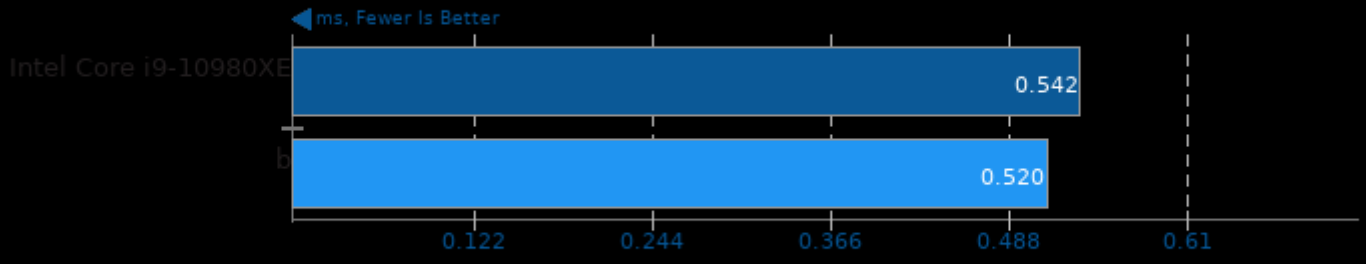
Scaling Factor: 100 - Clients: 500 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

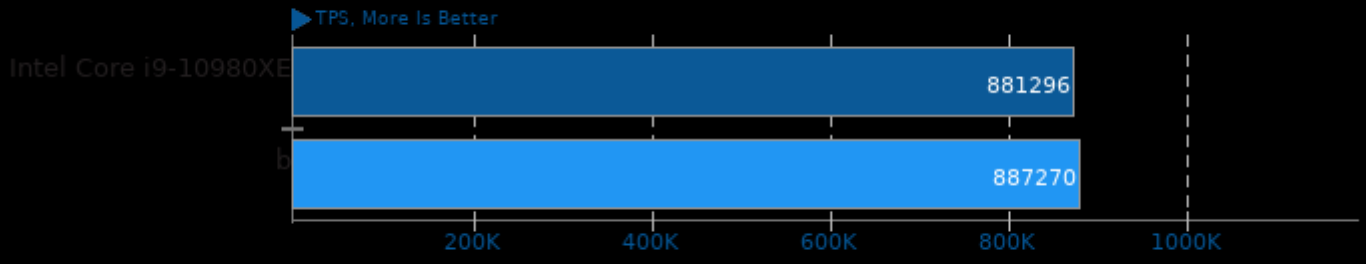
Scaling Factor: 100 - Clients: 500 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

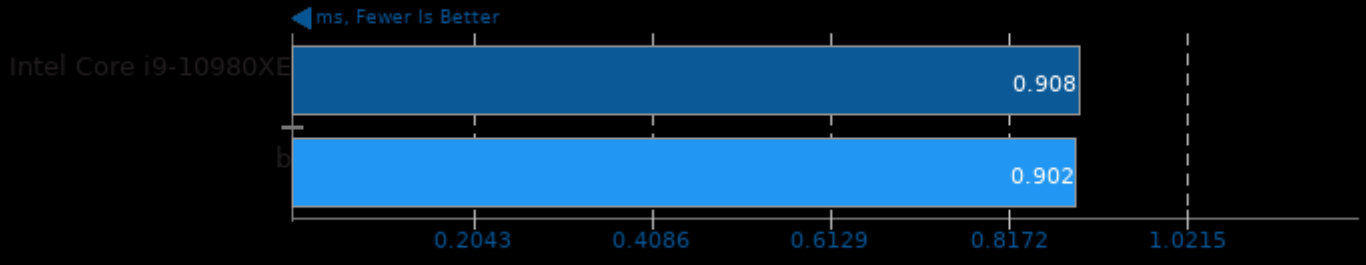
Scaling Factor: 100 - Clients: 800 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

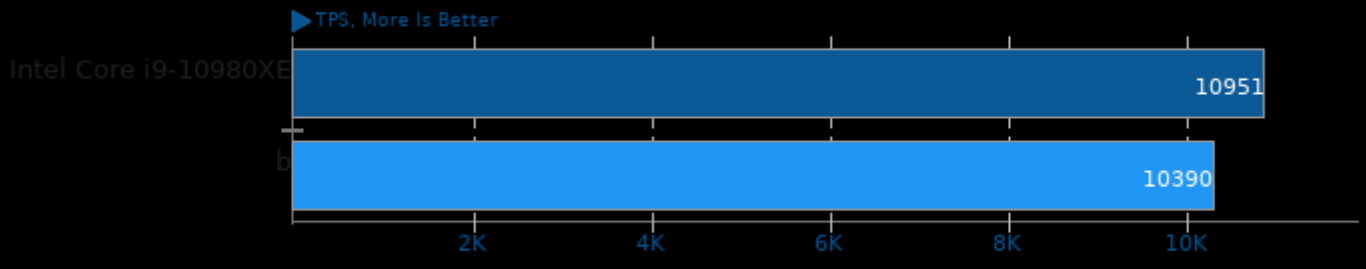
Scaling Factor: 100 - Clients: 800 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

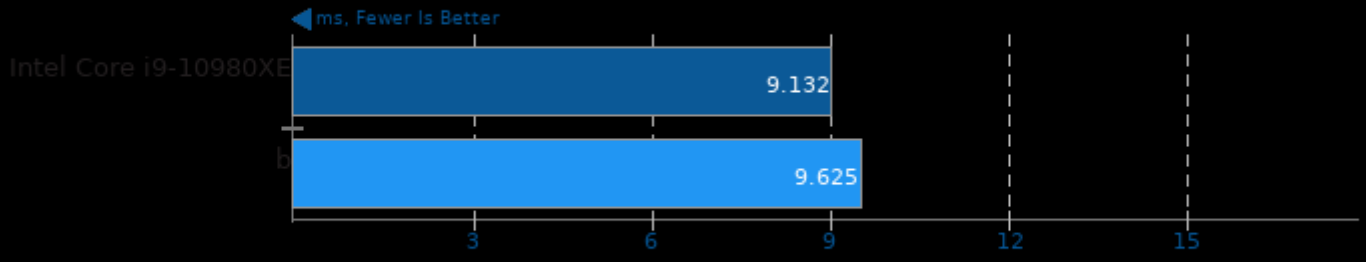
Scaling Factor: 100 - Clients: 100 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

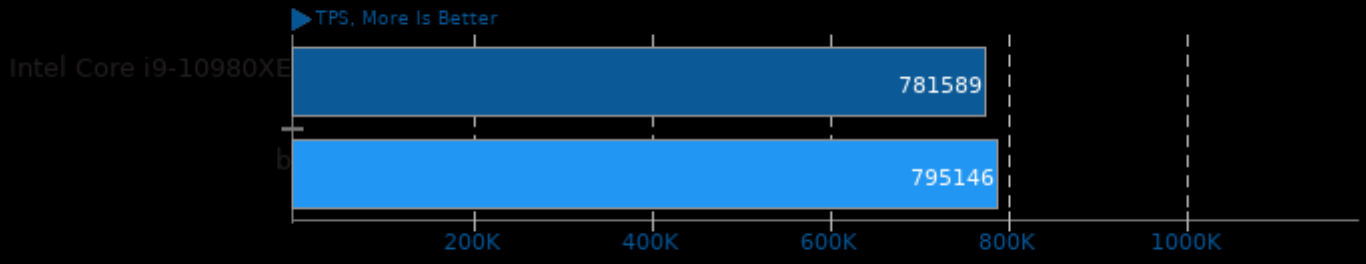
Scaling Factor: 100 - Clients: 100 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

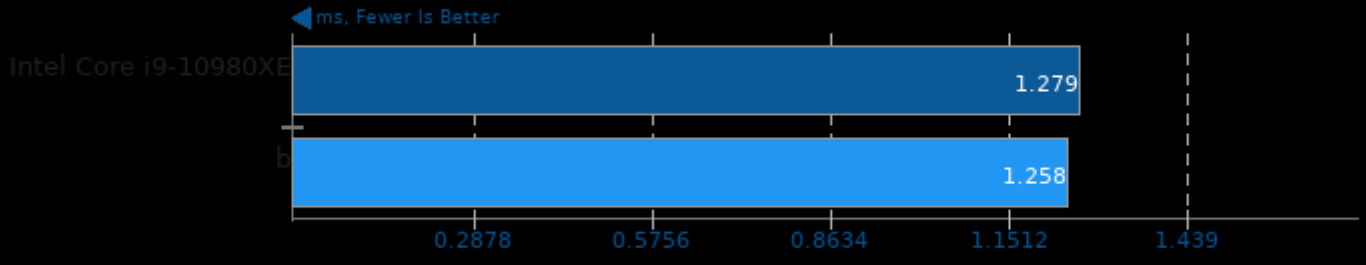
Scaling Factor: 100 - Clients: 1000 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

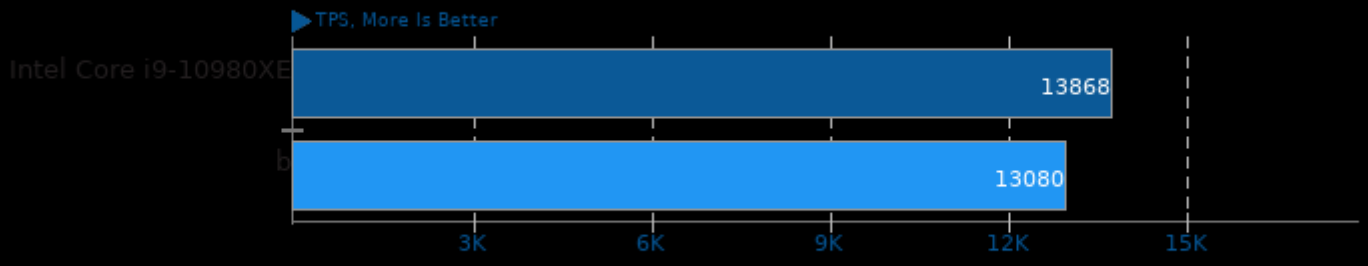
Scaling Factor: 100 - Clients: 1000 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

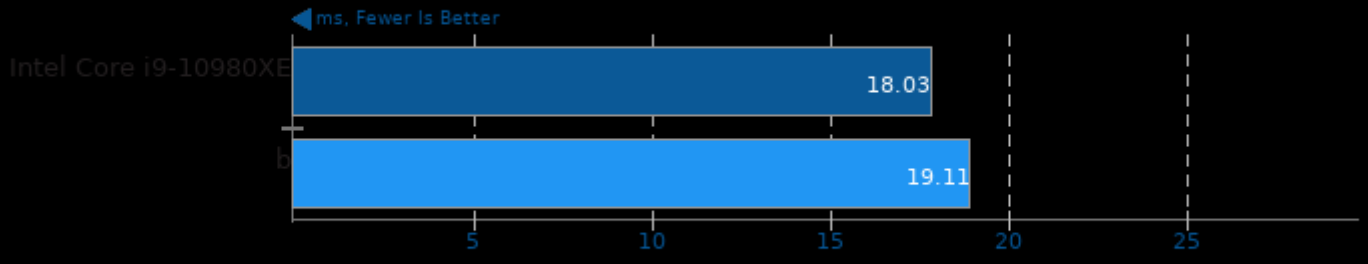
Scaling Factor: 100 - Clients: 250 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

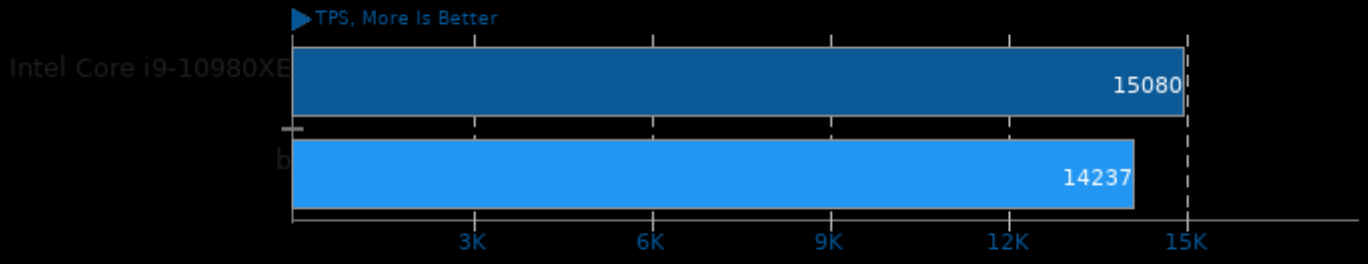
Scaling Factor: 100 - Clients: 250 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

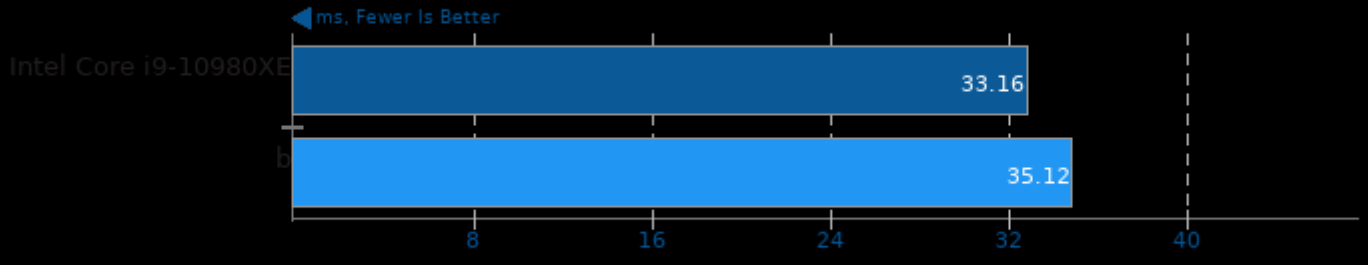
Scaling Factor: 100 - Clients: 500 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

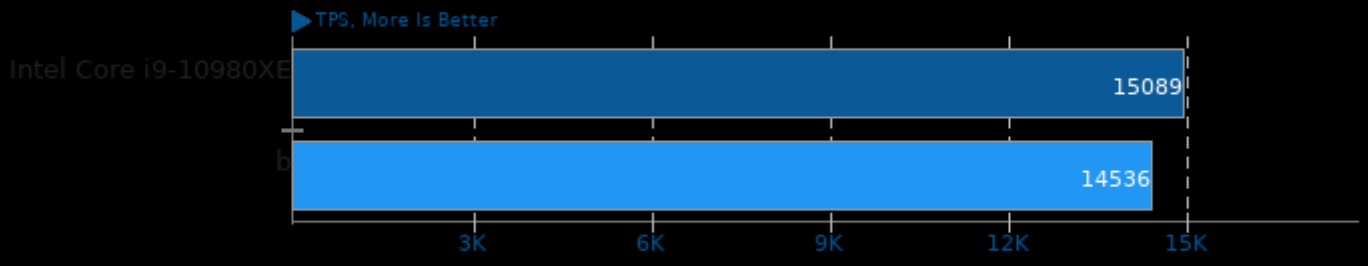
Scaling Factor: 100 - Clients: 500 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

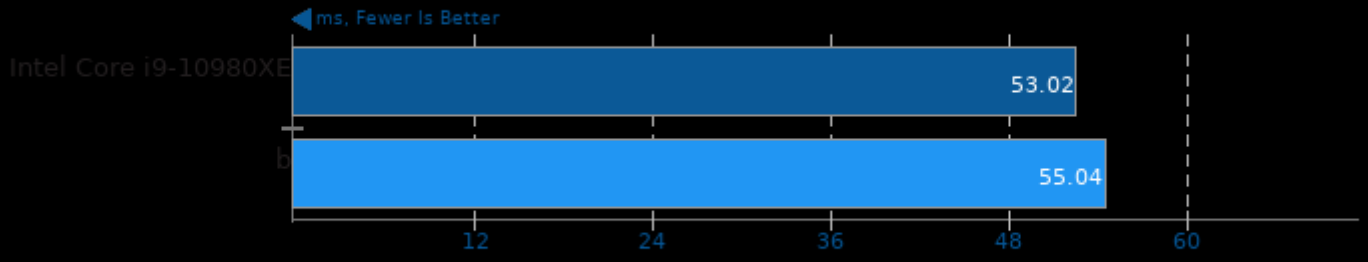
Scaling Factor: 100 - Clients: 800 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

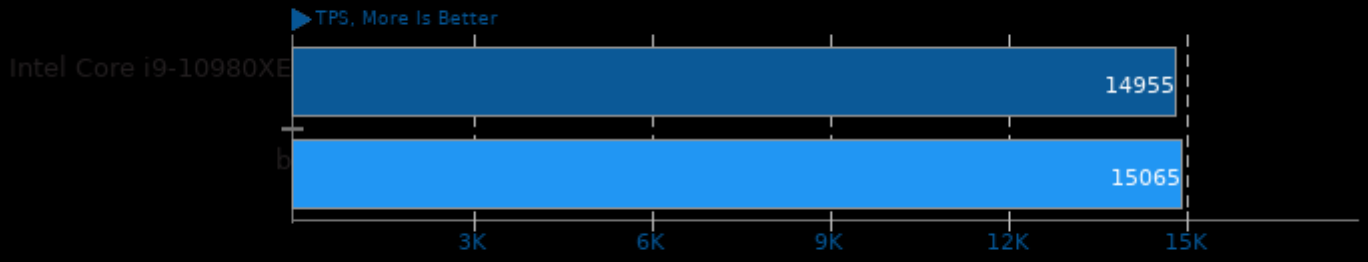
Scaling Factor: 100 - Clients: 800 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

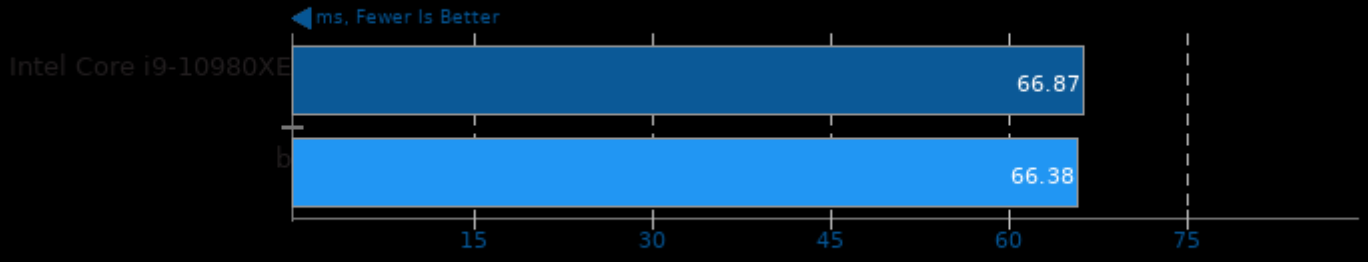
Scaling Factor: 100 - Clients: 1000 - Mode: Read Write



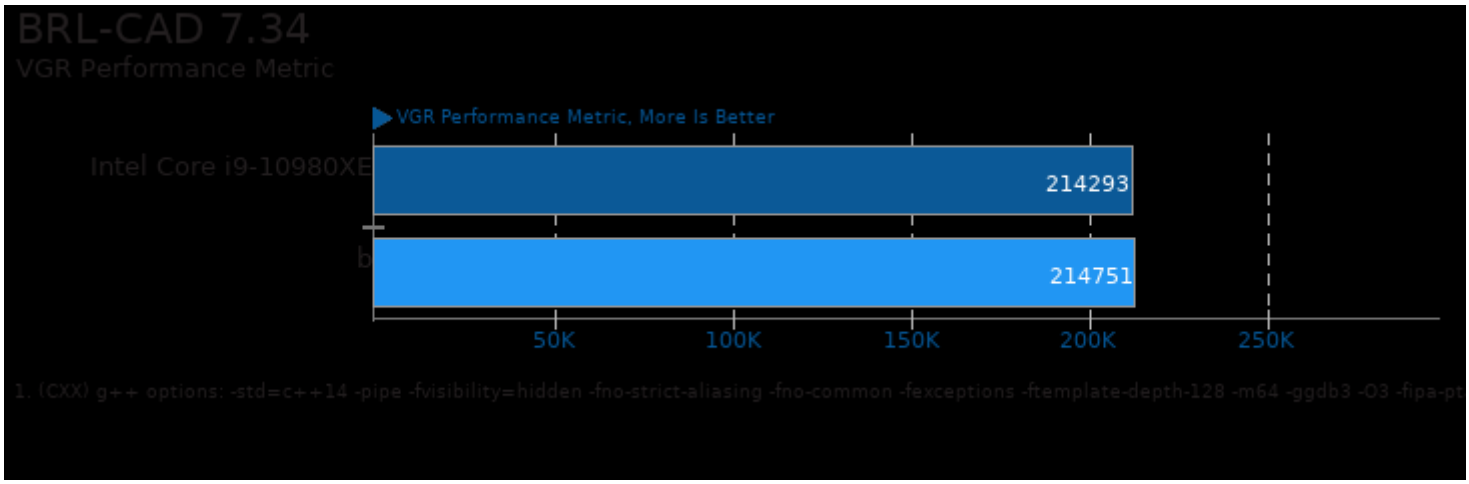
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm

PostgreSQL 15

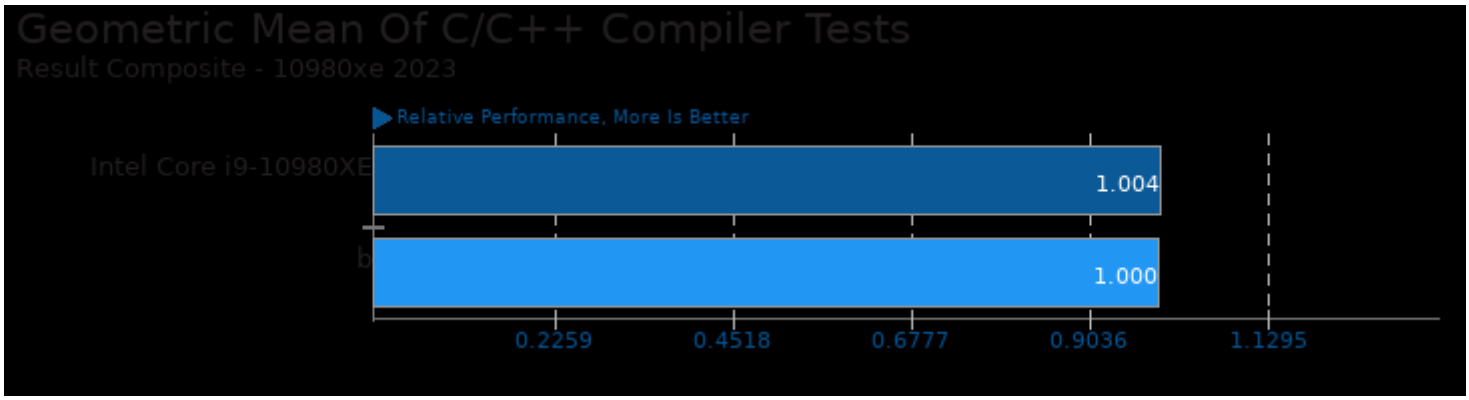
Scaling Factor: 100 - Clients: 1000 - Mode: Read Write - Average Latency



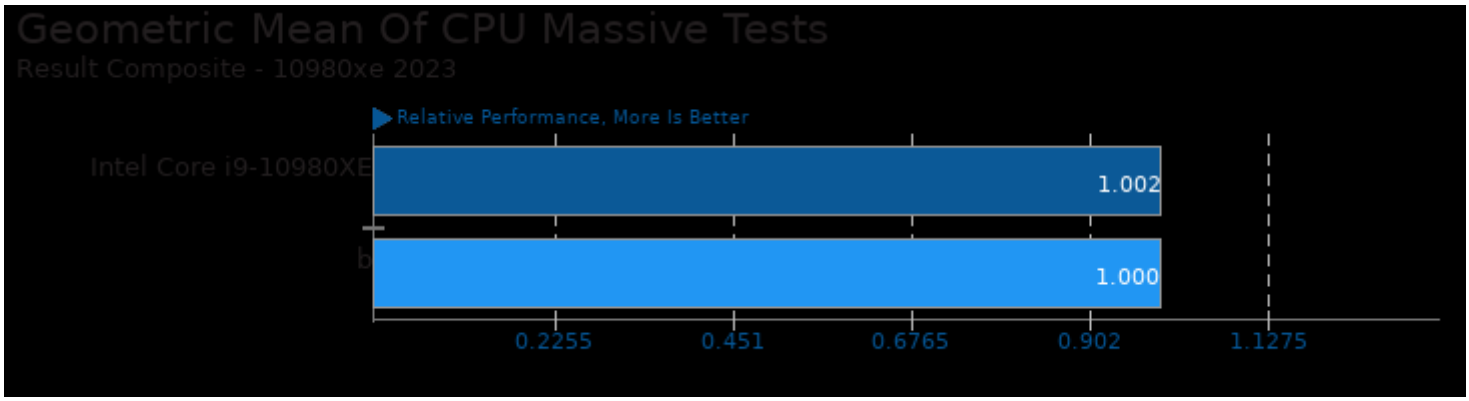
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lm


BRL-CAD 7.34
VGR Performance Metric
VGR Performance Metric, More Is Better
Intel Core i9-10980XE
214293
214751
50K
100K
150K
200K
250K
1. (CXX) g++ options: -std=c++14 -pipe -fvisibility=hidden -fno-strict-aliasing -fno-common -fexceptions -ftemplate-depth-128 -m64 -ggdb3 -O3 -fipa-pt

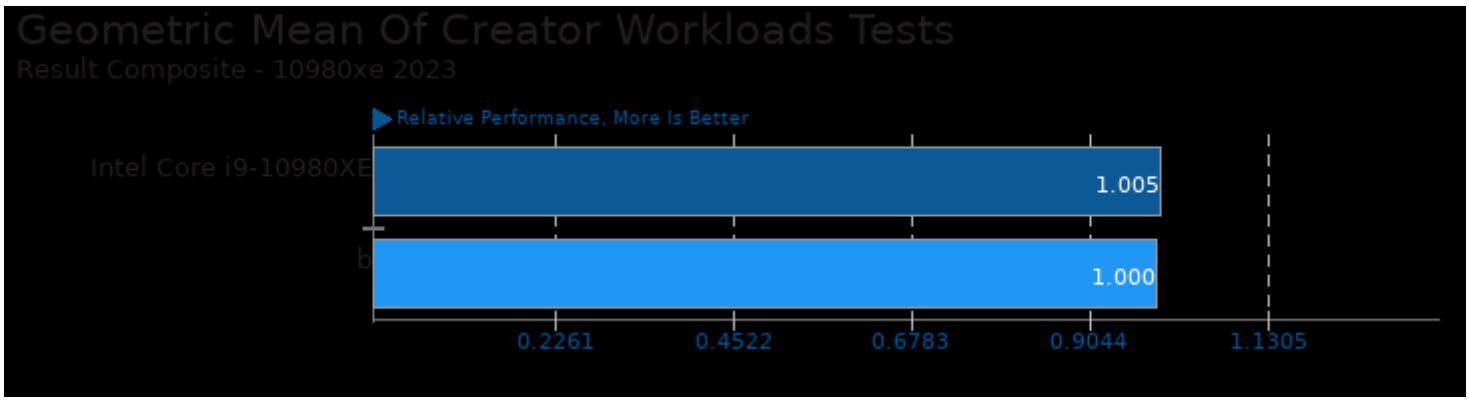
These geometric means are based upon test groupings / test suites for this result file.



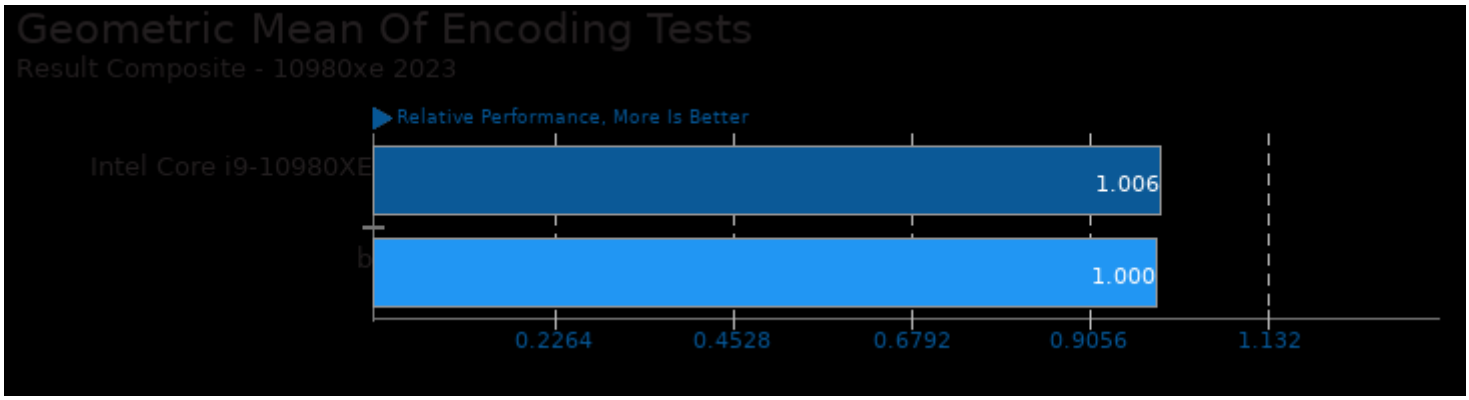
Geometric mean based upon tests: pts/pgbench and pts/kvazaar



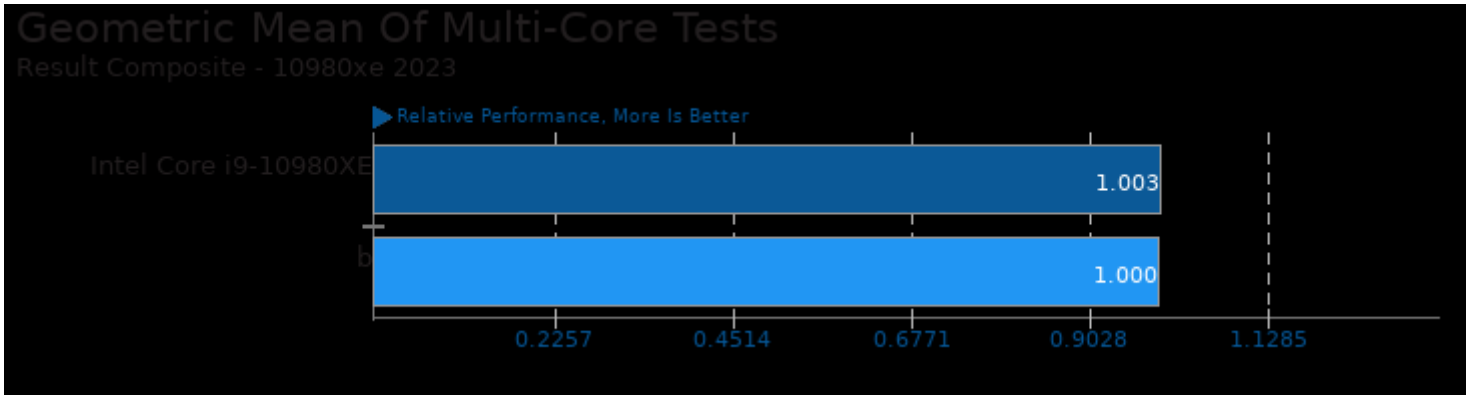
Geometric mean based upon tests: pts/brl-cad and pts/pgbench



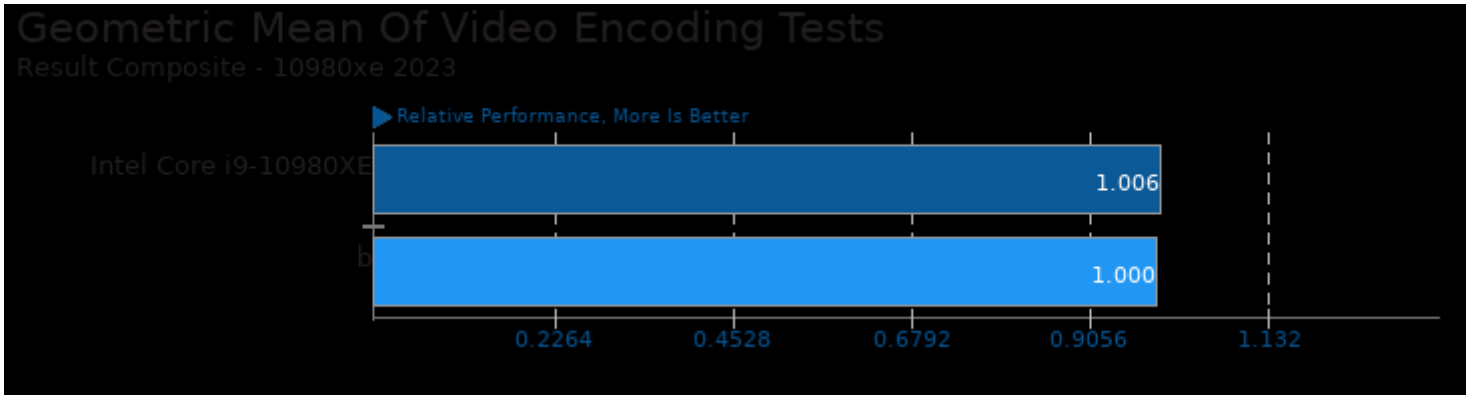
Geometric mean based upon tests: pts/kvazaar, pts/uvg266 and pts/brl-cad



Geometric mean based upon tests: pts/kvazaar and pts/uvg266



Geometric mean based upon tests: pts/kvazaar, pts/uvg266 and pts/pgbench



Geometric mean based upon tests: pts/kvazaar and pts/uvg266

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 18:03.