



## 0x01-pts-pgbench-morph

AMD Ryzen 7 5700U testing with a LENOVO LNVNB161216 (GJCN20WW BIOS) and amdgpudrmfb on Ubuntu 20.04 via the Phoronix Test Suite.

### Automated Executive Summary

*Convertible-x86\_64-Ubuntu-20.04-pts-pgbench-morph-1637795683 had the most wins, coming in first place for 65% of the tests.*

*Based on the geometric mean of all complete results, the fastest (Convertible-x86\_64-Ubuntu-20.04-pts-pgbench-morph-1637795683) was 1.002x the speed of the slowest (Convertible-x86\_64-Ubuntu-20.04-pts-pgbench-morph-1637758780).*

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

*PostgreSQL pgbench (Scaling Factor: 1 - Clients: 1 - Mode: Read Only - Average Latency) at 1.607x*

*PostgreSQL pgbench (Scaling Factor: 1 - Clients: 1 - Mode: Read Only) at 1.57x*

*PostgreSQL pgbench (Scaling Factor: 1 - Clients: 50 - Mode: Read Only - Average Latency) at 1.437x*

*PostgreSQL pgbench (Scaling Factor: 1 - Clients: 50 - Mode: Read Only) at 1.435x*

*PostgreSQL pgbench (Scaling Factor: 1 - Clients: 100 - Mode: Read Only) at 1.413x*

*PostgreSQL pgbench (Scaling Factor: 1 - Clients: 100 - Mode: Read Only - Average Latency) at 1.411x*

*PostgreSQL pgbench (Scaling Factor: 1 - Clients: 250 - Mode: Read Only - Average Latency) at 1.391x*

PostgreSQL pgbench (Scaling Factor: 1 - Clients: 250 - Mode: Read Only) at 1.391x  
 PostgreSQL pgbench (Scaling Factor: 100 - Clients: 1 - Mode: Read Only) at 1.142x  
 PostgreSQL pgbench (Scaling Factor: 100 - Clients: 1 - Mode: Read Only - Average Latency) at 1.129x.

## Test Systems:

### Convertible-x86\_64-Ubuntu-20.04-pts-pgbench-morph-1637758780

### Convertible-x86\_64-Ubuntu-20.04-pts-pgbench-morph-1637795683

Processor: AMD Ryzen 7 5700U @ 1.80GHz (8 Cores / 16 Threads), Motherboard: LENOVO LNVNB161216 (GJCN20WW BIOS), Chipset: AMD Renoir Root Complex, Memory: 16GB, Disk: 256GB HFM256GDJTNG-8310A, Graphics: amdgpudrmfb (1900/400MHz), Audio: AMD Device 1637, Network: Realtek RTL8822CE 802.11ac PCIe

OS: Ubuntu 20.04, Kernel: 5.11.0-40-generic (x86\_64), Desktop: GNOME Shell 3.36.9, Display Server: X Server 1.20.11, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 1920x1080

Kernel Notes: Transparent Huge Pages: madvise  
 Compiler Notes: --build=x86\_64-linux-gnu --disable-vtable-verify --disable-werror --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++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-HskZEa/gcc-9-9.3.0/debian/tmp-nvptx/usr,hsa --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-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: acpi-cpufreq ondemand (Boost: Enabled) - CPU Microcode: 0x8608103  
 Security Notes: itlb\_multihit: Not affected + 11tf: Not affected + mds: Not affected + meltdown: Not affected + spec\_store\_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre\_v1: Mitigation of usercopy/swaps barriers and \_\_user pointer sanitization + spectre\_v2: Mitigation of Full AMD retpoline IBPB: conditional IBRS\_FW STIBP: conditional RSB filling + srbds: Not affected + tsx\_async\_abort: Not affected

	Convertible-x86_64-Ubuntu-20.04-pts-pgbench-morph-1637758780	Convertible-x86_64-Ubuntu-20.04-pts-pgbench-morph-1637795683
<b>PostgreSQL pgbench - 1 - 1 - Read Only (TPS)</b>	<b>22369</b>	<b>35111</b>
Normalized	63.71%	100%
Standard Deviation	0.5%	1.4%
<b>PostgreSQL pgbench - 1 - 1 - Read Write (TPS)</b>	<b>900</b>	<b>1013</b>
Normalized	88.85%	100%
Standard Deviation	2.4%	40%
<b>PostgreSQL pgbench - 1 - 50 - Read Only (TPS)</b>	<b>137076</b>	<b>196644</b>
Normalized	69.71%	100%
Standard Deviation	0.7%	0.2%
<b>PostgreSQL pgbench - 1 - 100 - Read Only (TPS)</b>	<b>110350</b>	<b>155904</b>
Normalized	70.78%	100%
Standard Deviation	1.5%	2.2%
<b>PostgreSQL pgbench - 1 - 250 - Read Only (TPS)</b>	<b>105812</b>	<b>147147</b>
Normalized	71.91%	100%
Standard Deviation	1%	0.7%

PostgreSQL pgbench - 1 - 50 - Read Write (TPS)	1082	696
Normalized	100%	64.33%
Standard Deviation	2.5%	56.8%
PostgreSQL pgbench - 1 - 500 - Read Only (TPS)	122555	129651
Normalized	94.53%	100%
Standard Deviation	6.9%	6.7%
PostgreSQL pgbench - 100 - 1 - Read Only (TPS)	28502	32553
Normalized	87.56%	100%
Standard Deviation	1.2%	2.3%
PostgreSQL pgbench - 1 - 100 - Read Write (TPS)	1139	767
Normalized	100%	67.34%
Standard Deviation	1.2%	52.2%
PostgreSQL pgbench - 1 - 250 - Read Write (TPS)	962	944
Normalized	100%	98.13%
Standard Deviation	2.1%	1.6%
PostgreSQL pgbench - 1 - 500 - Read Write (TPS)	723	569
Normalized	100%	78.7%
Standard Deviation	6.8%	37.6%
PostgreSQL pgbench - 100 - 1 - Read Write (TPS)	700	519
Normalized	100%	74.14%
Standard Deviation	22.7%	37.7%
PostgreSQL pgbench - 100 - 50 - Read Only (TPS)	183781	187696
Normalized	97.91%	100%
Standard Deviation	0.6%	0.6%
PostgreSQL pgbench - 1000 - 1 - Read Only (TPS)	5530	5759
Normalized	96.02%	100%
Standard Deviation	6.4%	6.8%
PostgreSQL pgbench - 100 - 100 - Read Only (TPS)	135441	147121
Normalized	92.06%	100%
Standard Deviation	1.8%	2.4%
PostgreSQL pgbench - 100 - 250 - Read Only (TPS)	129395	139300
Normalized	92.89%	100%
Standard Deviation	2.4%	1.3%
PostgreSQL pgbench - 100 - 50 - Read Write (TPS)		6923
Standard Deviation		4.7%
PostgreSQL pgbench - 100 - 500 - Read Only (TPS)		125966
Standard Deviation		2.5%
PostgreSQL pgbench - 1000 - 1 - Read Write (TPS)		267
Standard Deviation		13.1%
PostgreSQL pgbench - 1000 - 50 - Read Only (TPS)		77687
Standard Deviation		0.3%
PostgreSQL pgbench - 100 - 100 - Read Write (TPS)		6906
Standard Deviation		0.4%
PostgreSQL pgbench - 100 - 250 - Read Write (TPS)		8102
Standard Deviation		2.5%
PostgreSQL pgbench - 100 - 500 - Read Write (TPS)		7962
Standard Deviation		1.5%
PostgreSQL pgbench - 1000 - 100 - Read Only (TPS)		78634
Standard Deviation		2.7%
PostgreSQL pgbench - 1000 - 250 - Read Only (TPS)		64632
Standard Deviation		1%
PostgreSQL pgbench - 1000 - 50 - Read Write (TPS)		4950
Standard Deviation		2.3%
PostgreSQL pgbench - 1000 - 500 - Read Only (TPS)		58860

	Standard Deviation	1.1%
PostgreSQL pgbench - 1000 - 100 - Read Write (TPS)		6025
	Standard Deviation	2.1%
PostgreSQL pgbench - 1000 - 250 - Read Write (TPS)		6134
	Standard Deviation	6.5%
PostgreSQL pgbench - 1 - 1 - Read Only - Average	<b>0.045</b>	<b>0.028</b>
Latency (ms)		
	Normalized	62.22% 100%
	Standard Deviation	0% 2%
PostgreSQL pgbench - 1 - 1 - Read Write - Average	<b>1.112</b>	<b>1.347</b>
Latency (ms)		
	Normalized	100% 82.55%
	Standard Deviation	2.3% 77.3%
PostgreSQL pgbench - 1 - 50 - Read Only - Average	<b>0.365</b>	<b>0.254</b>
Latency (ms)		
	Normalized	69.59% 100%
	Standard Deviation	0.7% 0.2%
PostgreSQL pgbench - 1 - 100 - Read Only - Average	<b>0.906</b>	<b>0.642</b>
Latency (ms)		
	Normalized	70.86% 100%
	Standard Deviation	1.4% 2.1%
PostgreSQL pgbench - 1 - 250 - Read Only - Average	<b>2.363</b>	<b>1.699</b>
Latency (ms)		
	Normalized	71.9% 100%
	Standard Deviation	1% 0.7%
PostgreSQL pgbench - 1 - 50 - Read Write - Average	<b>46.237</b>	<b>97.989</b>
Latency (ms)		
	Normalized	100% 47.19%
	Standard Deviation	2.4% 52.4%
PostgreSQL pgbench - 1 - 500 - Read Only - Average	<b>4.100</b>	<b>3.874</b>
Latency (ms)		
	Normalized	94.49% 100%
	Standard Deviation	7.6% 7.3%
PostgreSQL pgbench - 100 - 1 - Read Only - Average	<b>0.035</b>	<b>0.031</b>
Latency (ms)		
	Normalized	88.57% 100%
	Standard Deviation	1.6% 3.8%
PostgreSQL pgbench - 1 - 100 - Read Write - Average	<b>87.843</b>	<b>180.144</b>
Latency (ms)		
	Normalized	100% 48.76%
	Standard Deviation	1.2% 58.7%
PostgreSQL pgbench - 1 - 250 - Read Write - Average	<b>260.080</b>	<b>264.767</b>
Latency (ms)		
	Normalized	100% 98.23%
	Standard Deviation	2.1% 1.6%
PostgreSQL pgbench - 1 - 500 - Read Write - Average	<b>694.352</b>	<b>1048</b>
Latency (ms)		
	Normalized	100% 66.24%
	Standard Deviation	7.2% 47.5%
PostgreSQL pgbench - 100 - 1 - Read Write - Average	<b>1.503</b>	<b>2.186</b>
Latency (ms)		
	Normalized	100% 68.76%
	Standard Deviation	25.2% 36.7%

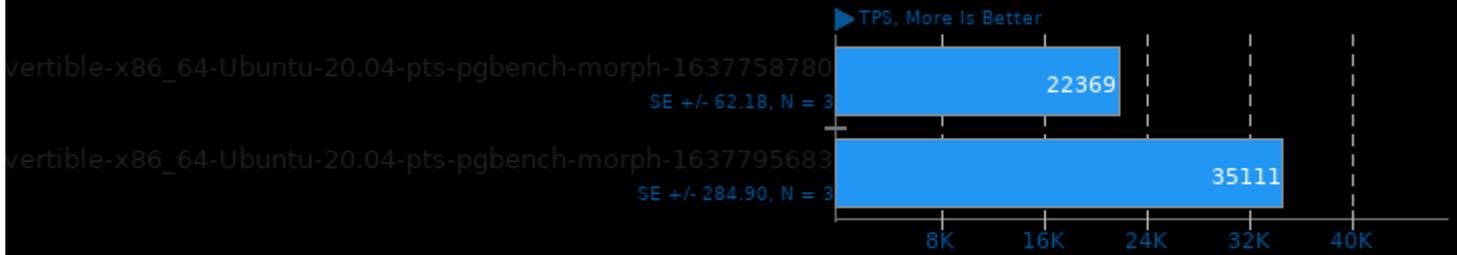
PostgreSQL pgbench - 100 - 50 - Read Only - Average Latency (ms)	<b>0.272</b>	<b>0.267</b>
Normalized	98.16%	100%
Standard Deviation	0.6%	0.6%
PostgreSQL pgbench - 1000 - 1 - Read Only - Average Latency (ms)	<b>0.182</b>	<b>0.174</b>
Normalized	95.6%	100%
Standard Deviation	6.5%	7.1%
PostgreSQL pgbench - 100 - 100 - Read Only - Average Latency (ms)	<b>0.738</b>	<b>0.680</b>
Normalized	92.14%	100%
Standard Deviation	1.8%	2.4%
PostgreSQL pgbench - 100 - 250 - Read Only - Average Latency (ms)	<b>1.933</b>	<b>1.795</b>
Normalized	92.86%	100%
Standard Deviation	2.4%	1.3%
PostgreSQL pgbench - 100 - 50 - Read Write - Average Latency (ms)		7.237
Standard Deviation		4.8%
PostgreSQL pgbench - 100 - 500 - Read Only - Average Latency (ms)		3.972
Standard Deviation		2.4%
PostgreSQL pgbench - 1000 - 1 - Read Write - Average Latency (ms)		3.788
Standard Deviation		10.1%
PostgreSQL pgbench - 1000 - 50 - Read Only - Average Latency (ms)		0.644
Standard Deviation		0.4%
PostgreSQL pgbench - 100 - 100 - Read Write - Average Latency (ms)		14.481
Standard Deviation		0.4%
PostgreSQL pgbench - 100 - 250 - Read Write - Average Latency (ms)		30.872
Standard Deviation		2.5%
PostgreSQL pgbench - 100 - 500 - Read Write - Average Latency (ms)		62.808
Standard Deviation		1.5%
PostgreSQL pgbench - 1000 - 100 - Read Only - Average Latency (ms)		1.272
Standard Deviation		2.8%
PostgreSQL pgbench - 1000 - 250 - Read Only - Average Latency (ms)		3.868
Standard Deviation		1%
PostgreSQL pgbench - 1000 - 50 - Read Write - Average Latency (ms)		10.105
Standard Deviation		2.3%
PostgreSQL pgbench - 1000 - 500 - Read Only - Average Latency (ms)		8.496
Standard Deviation		1.1%

---

<b>PostgreSQL pgbench - 1000 - 100 - Read Write -</b>	16.604
<b>Average Latency (ms)</b>	
Standard Deviation	2.1%
<b>PostgreSQL pgbench - 1000 - 250 - Read Write -</b>	40.887
<b>Average Latency (ms)</b>	
Standard Deviation	6.3%

### PostgreSQL pgbench 14.0

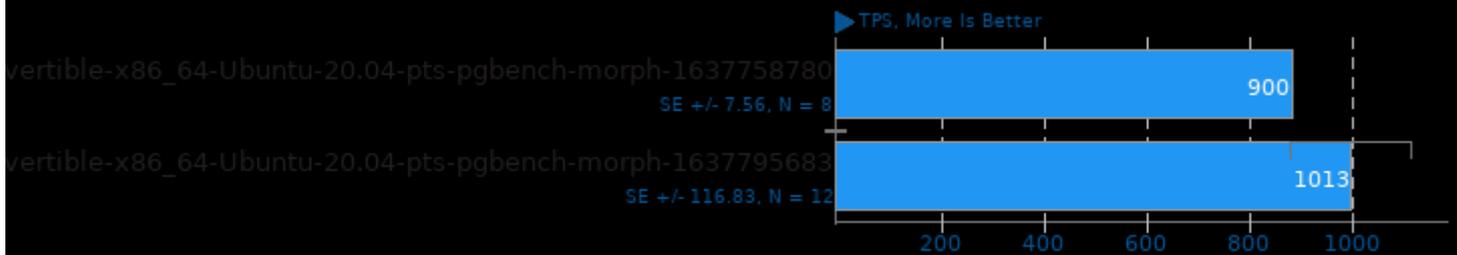
Scaling Factor: 1 - Clients: 1 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

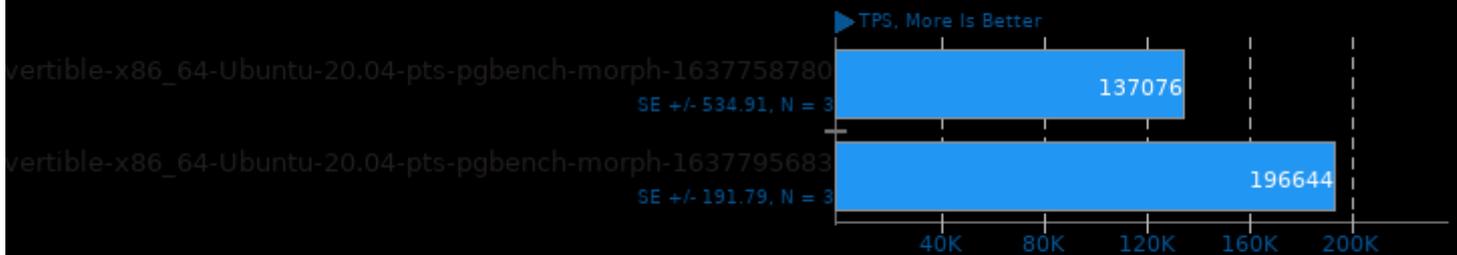
Scaling Factor: 1 - Clients: 1 - Mode: Read Write



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

### PostgreSQL pgbench 14.0

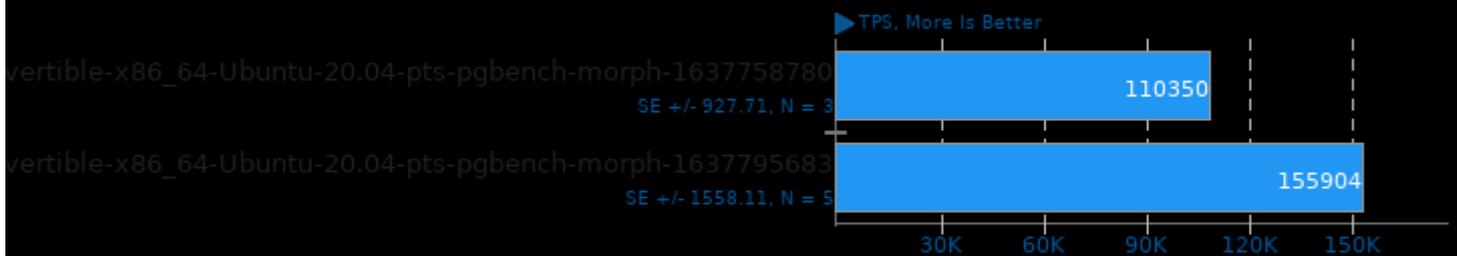
Scaling Factor: 1 - Clients: 50 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

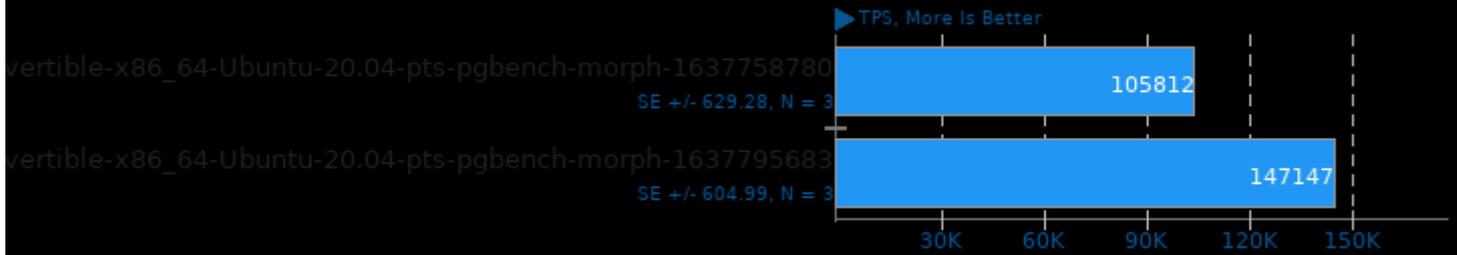
Scaling Factor: 1 - Clients: 100 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

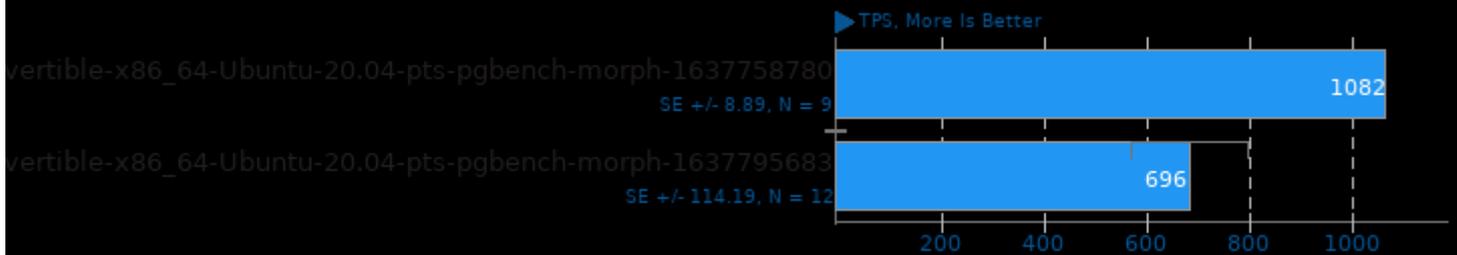
Scaling Factor: 1 - Clients: 250 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

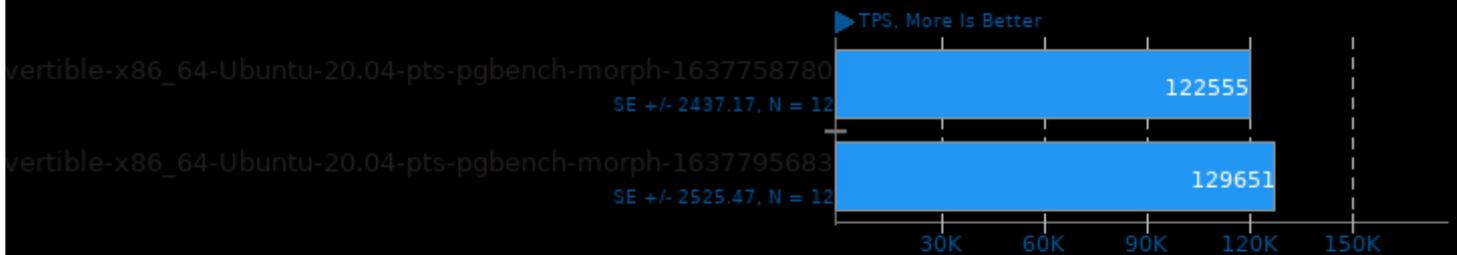
Scaling Factor: 1 - Clients: 50 - Mode: Read Write



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

### PostgreSQL pgbench 14.0

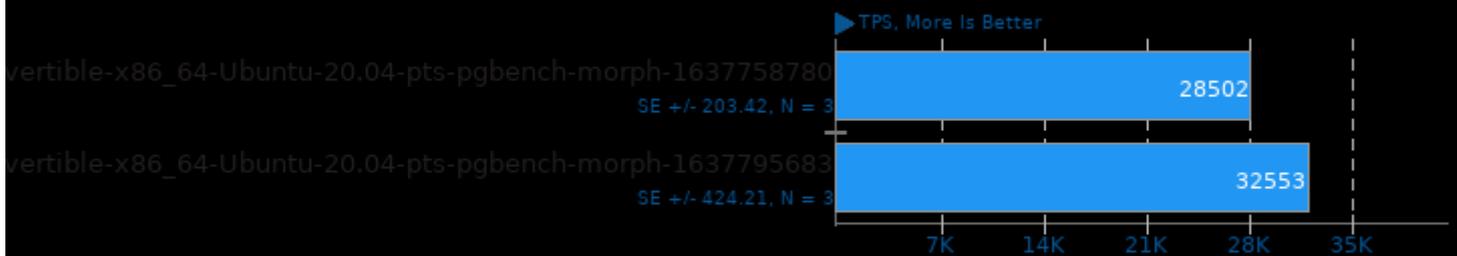
Scaling Factor: 1 - Clients: 500 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

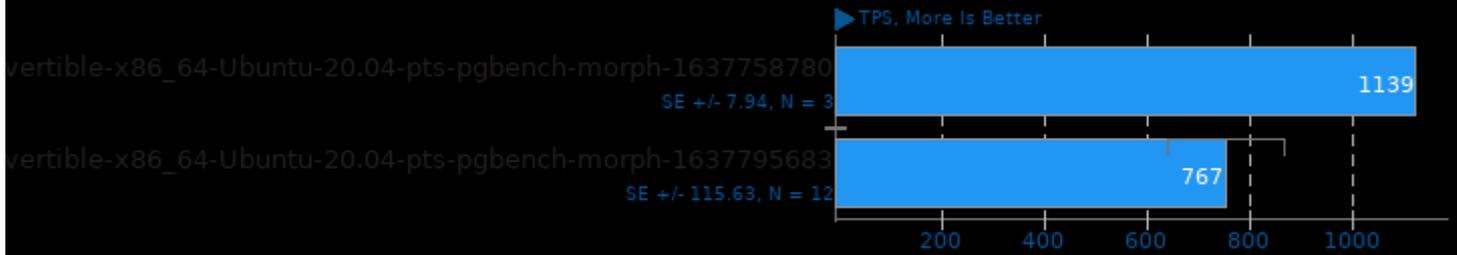
Scaling Factor: 100 - Clients: 1 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

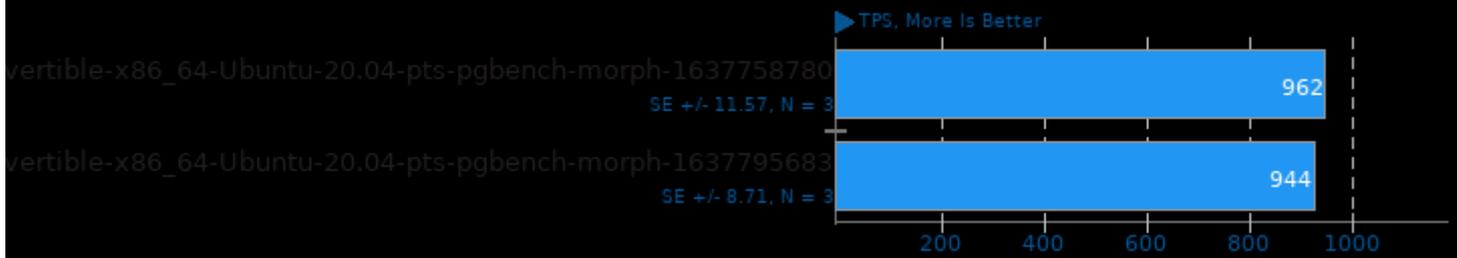
Scaling Factor: 1 - Clients: 100 - Mode: Read Write



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

### PostgreSQL pgbench 14.0

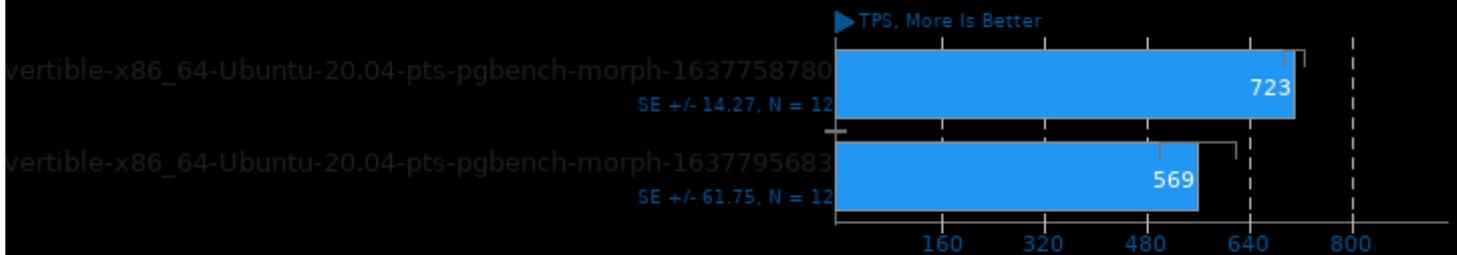
Scaling Factor: 1 - Clients: 250 - Mode: Read Write



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

### PostgreSQL pgbench 14.0

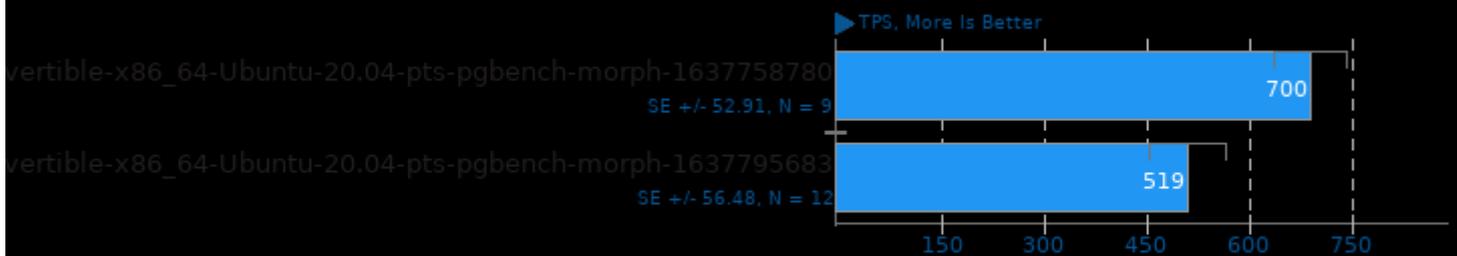
Scaling Factor: 1 - Clients: 500 - Mode: Read Write



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

### PostgreSQL pgbench 14.0

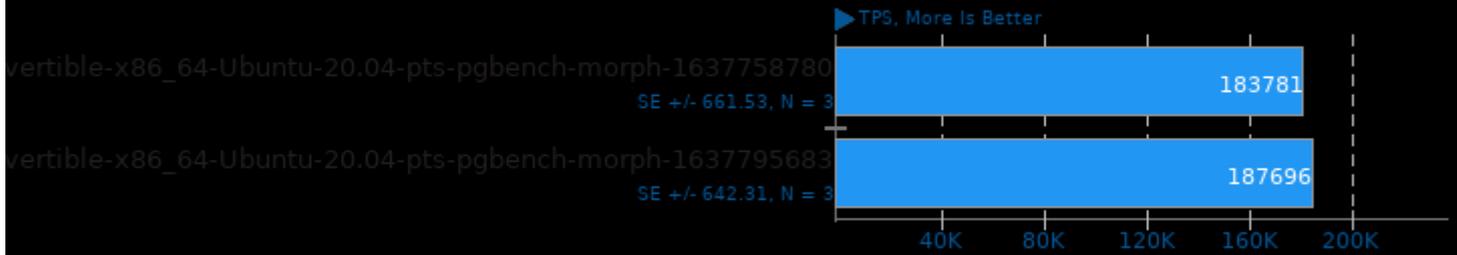
Scaling Factor: 100 - Clients: 1 - Mode: Read Write



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

### PostgreSQL pgbench 14.0

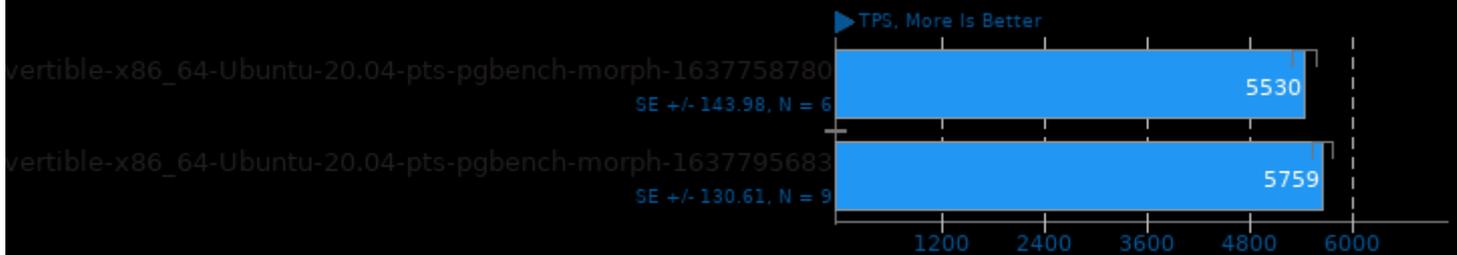
Scaling Factor: 100 - Clients: 50 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

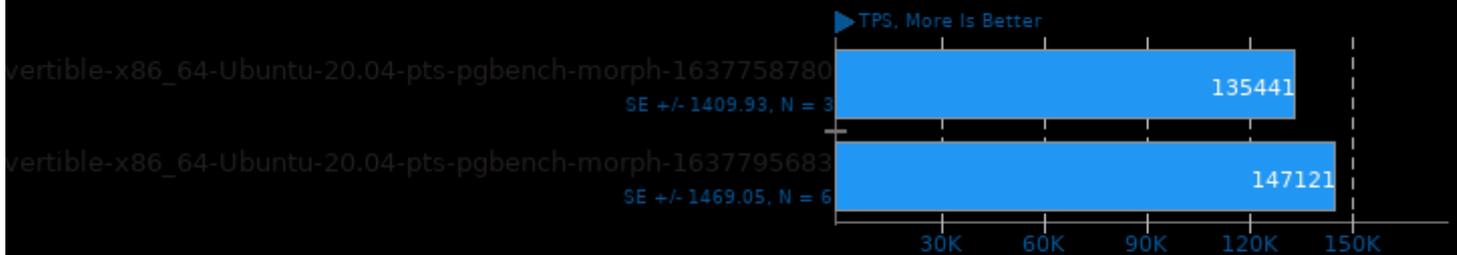
Scaling Factor: 1000 - Clients: 1 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

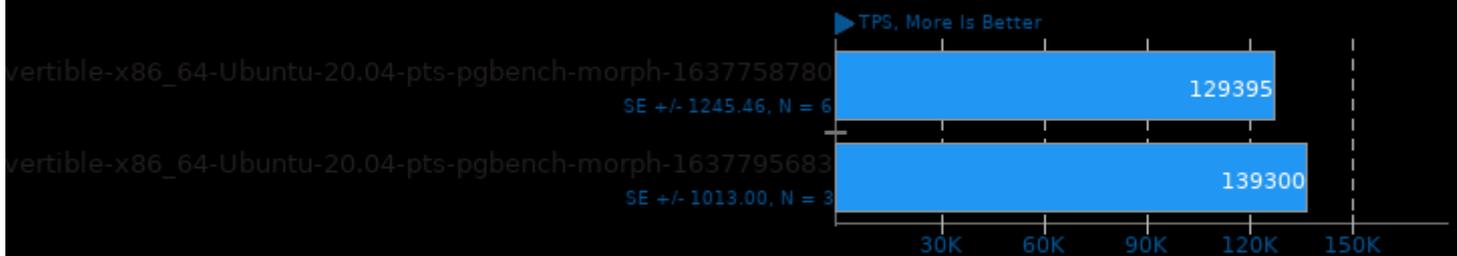
Scaling Factor: 100 - Clients: 100 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

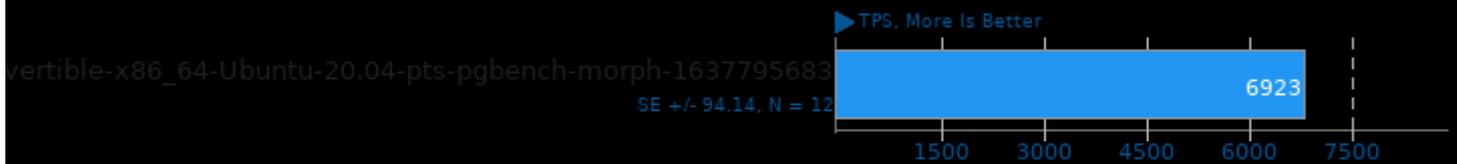
Scaling Factor: 100 - Clients: 250 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

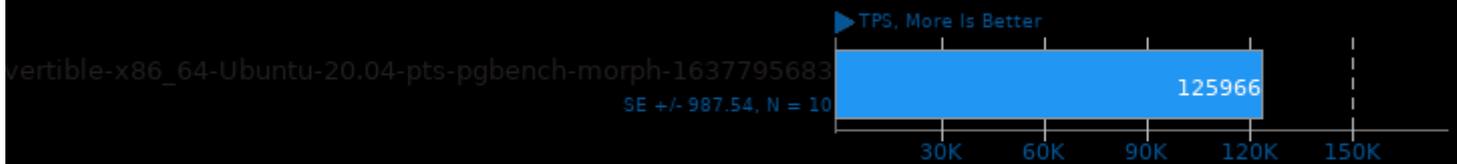
Scaling Factor: 100 - Clients: 50 - Mode: Read Write



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

### PostgreSQL pgbench 14.0

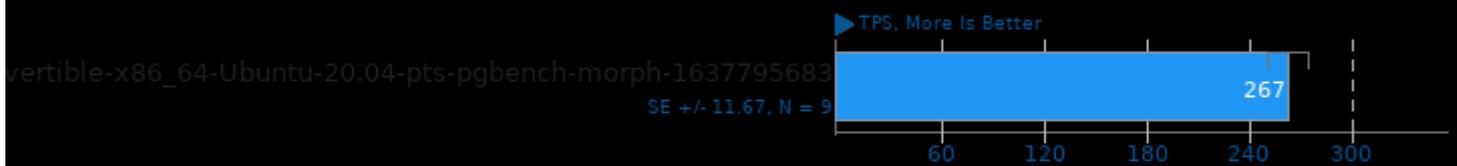
Scaling Factor: 100 - Clients: 500 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

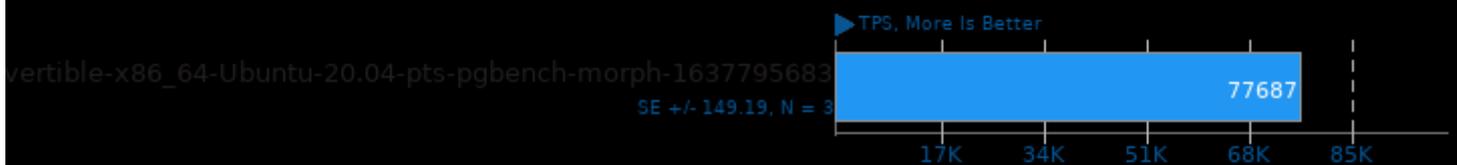
Scaling Factor: 1000 - Clients: 1 - Mode: Read Write



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

### PostgreSQL pgbench 14.0

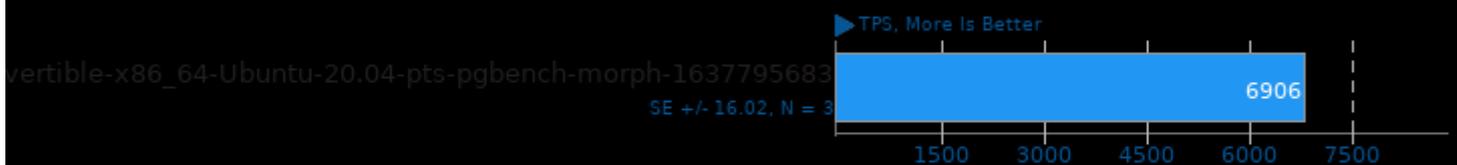
Scaling Factor: 1000 - Clients: 50 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

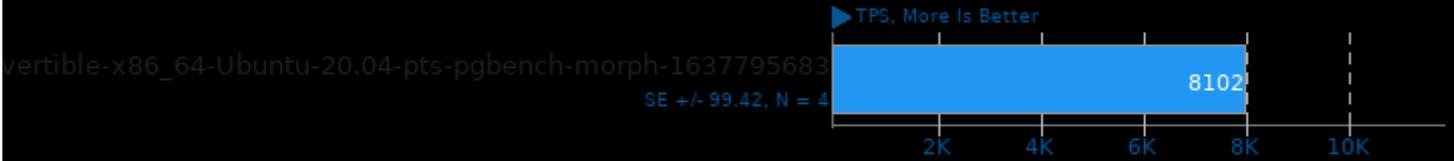
Scaling Factor: 100 - Clients: 100 - Mode: Read Write



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

### PostgreSQL pgbench 14.0

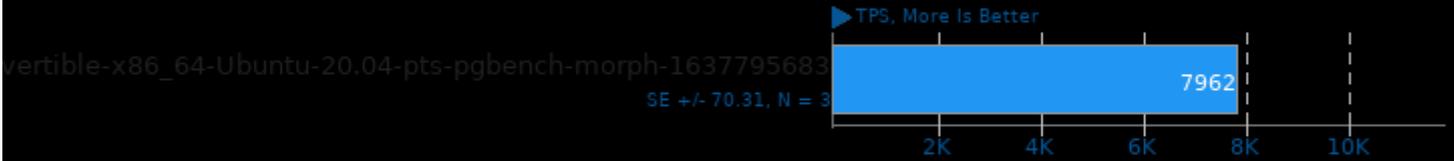
Scaling Factor: 100 - Clients: 250 - Mode: Read Write



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

### PostgreSQL pgbench 14.0

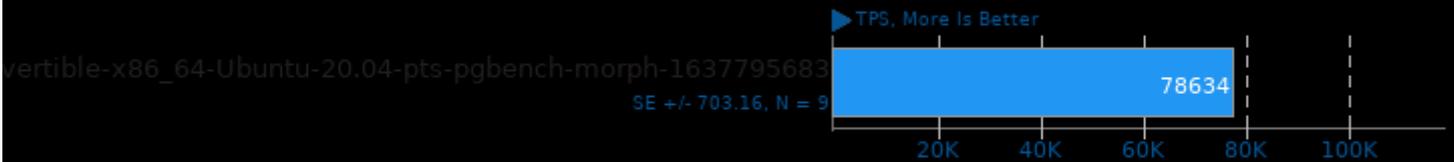
Scaling Factor: 100 - Clients: 500 - Mode: Read Write



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

### PostgreSQL pgbench 14.0

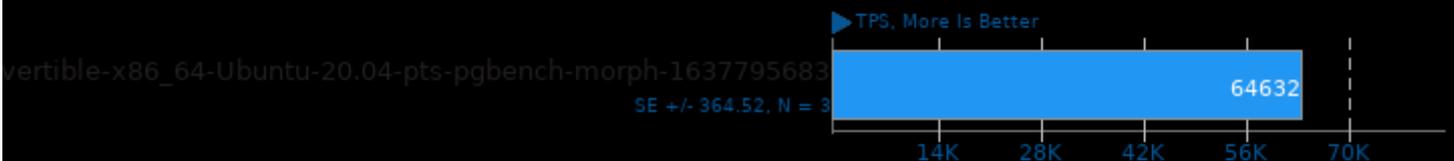
Scaling Factor: 1000 - Clients: 100 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

Scaling Factor: 1000 - Clients: 250 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

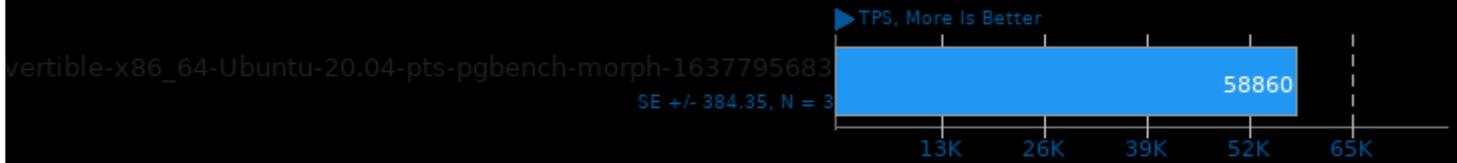
Scaling Factor: 1000 - Clients: 50 - Mode: Read Write



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

### PostgreSQL pgbench 14.0

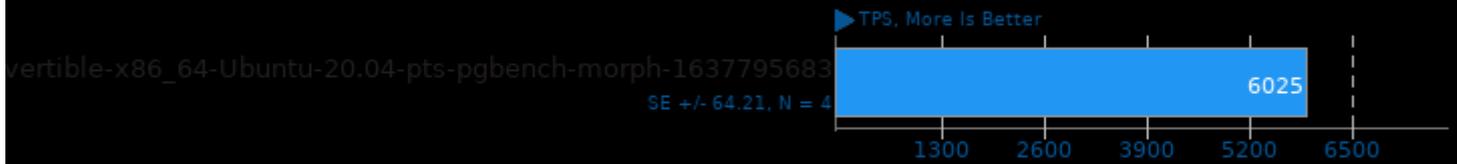
Scaling Factor: 1000 - Clients: 500 - Mode: Read Only



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

### PostgreSQL pgbench 14.0

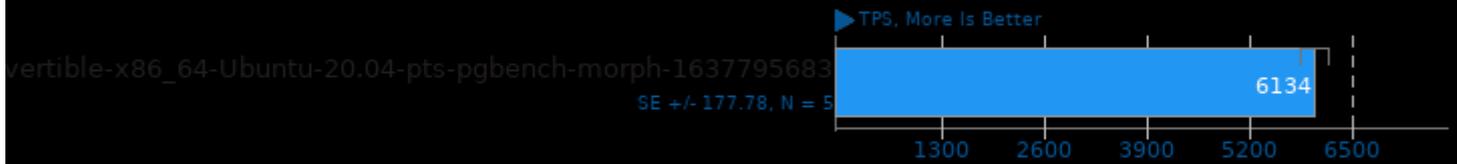
Scaling Factor: 1000 - Clients: 100 - Mode: Read Write



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

### PostgreSQL pgbench 14.0

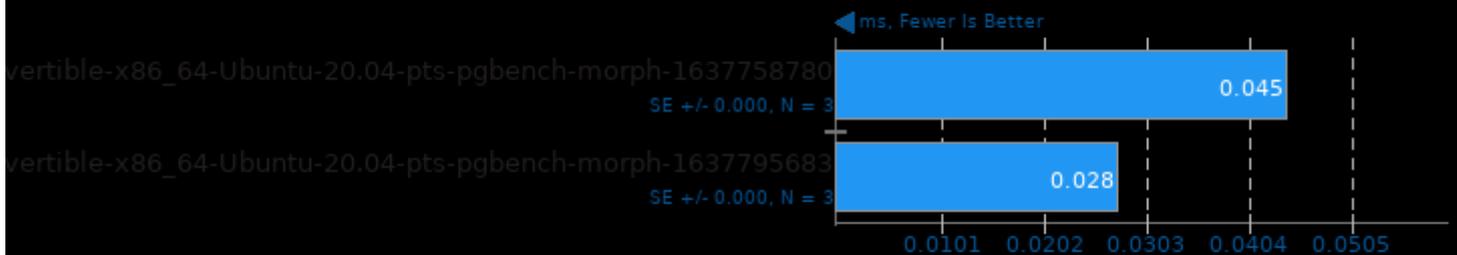
Scaling Factor: 1000 - Clients: 250 - Mode: Read Write



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

### PostgreSQL pgbench 14.0

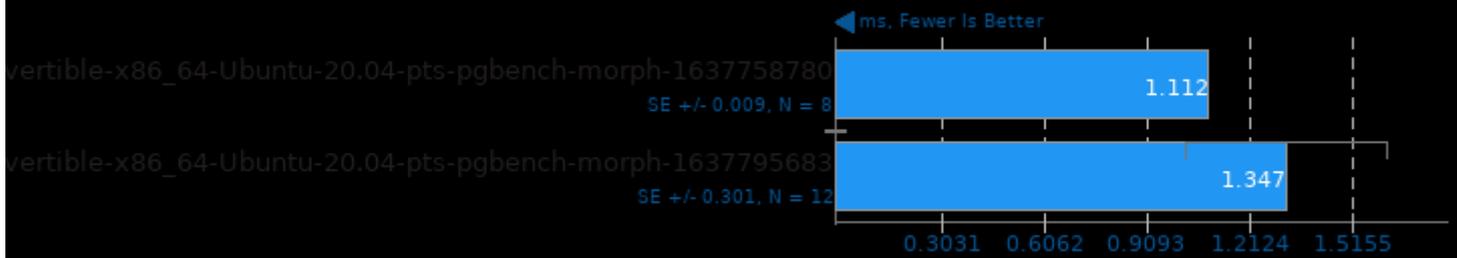
Scaling Factor: 1 - Clients: 1 - Mode: Read Only - Average Latency



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

### PostgreSQL pgbench 14.0

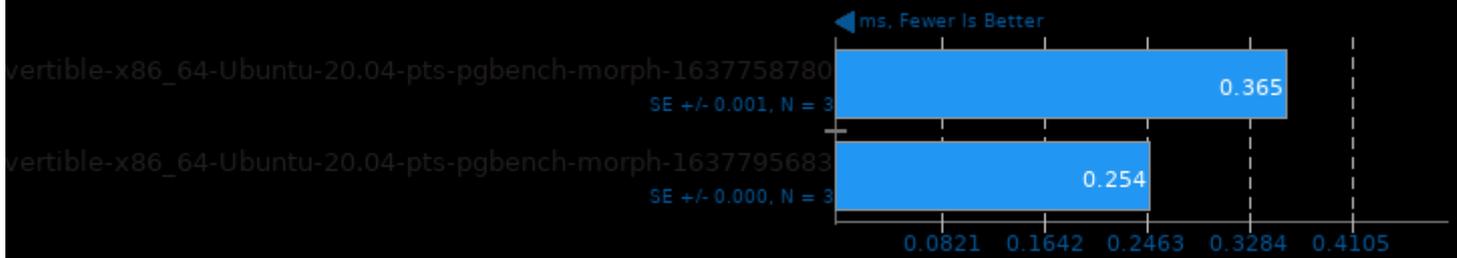
Scaling Factor: 1 - Clients: 1 - Mode: Read Write - Average Latency



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

### PostgreSQL pgbench 14.0

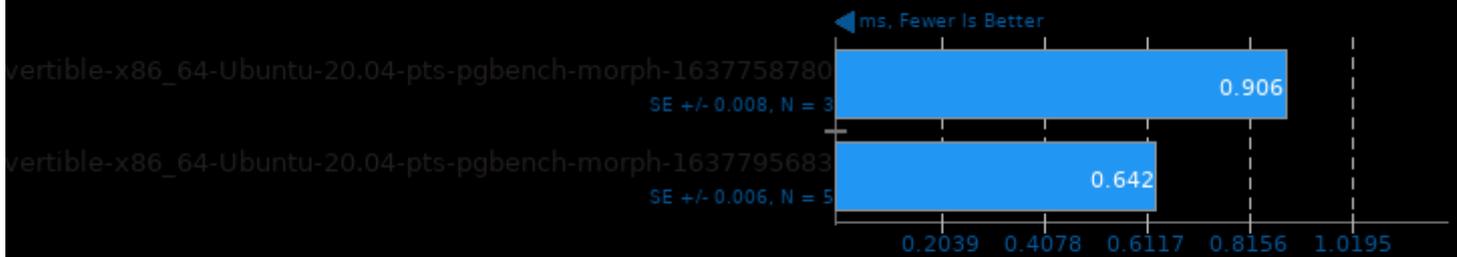
Scaling Factor: 1 - Clients: 50 - Mode: Read Only - Average Latency



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

### PostgreSQL pgbench 14.0

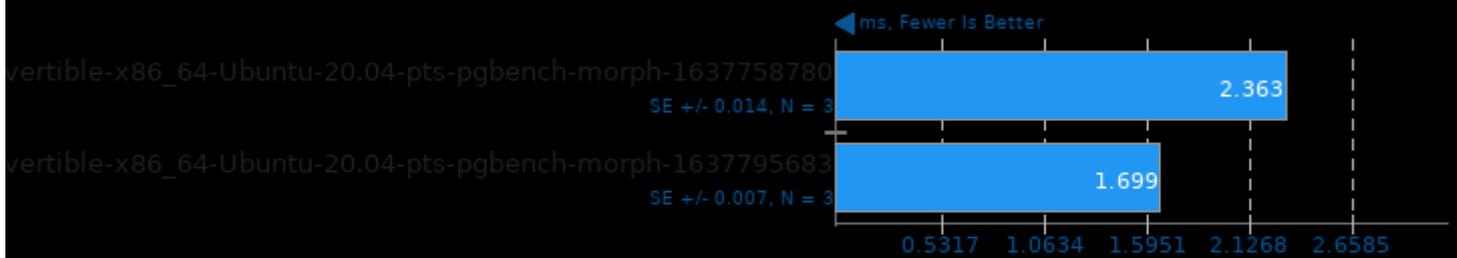
Scaling Factor: 1 - Clients: 100 - Mode: Read Only - Average Latency



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

### PostgreSQL pgbench 14.0

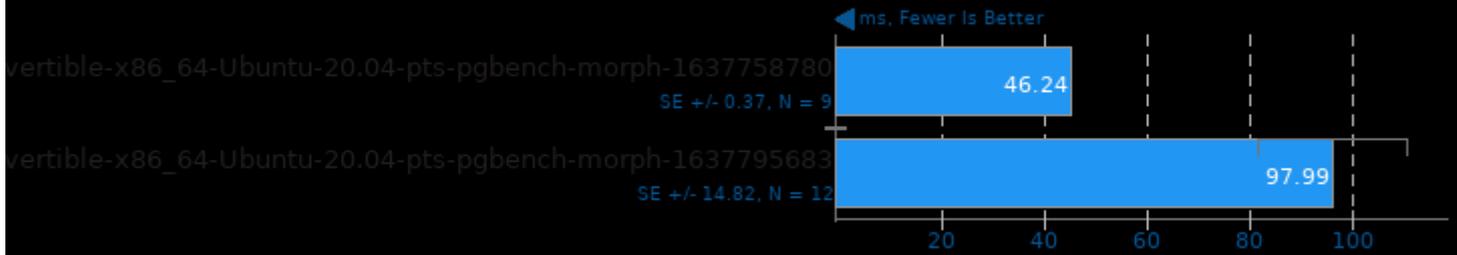
Scaling Factor: 1 - Clients: 250 - Mode: Read Only - Average Latency



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

### PostgreSQL pgbench 14.0

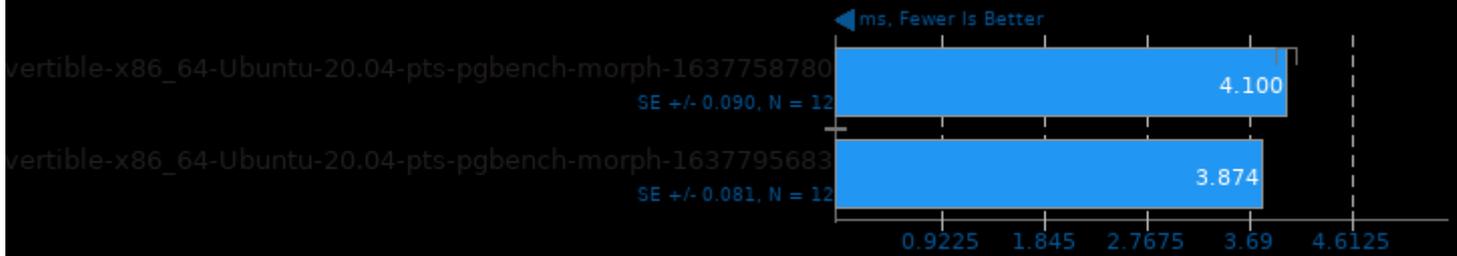
Scaling Factor: 1 - Clients: 50 - Mode: Read Write - Average Latency



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

### PostgreSQL pgbench 14.0

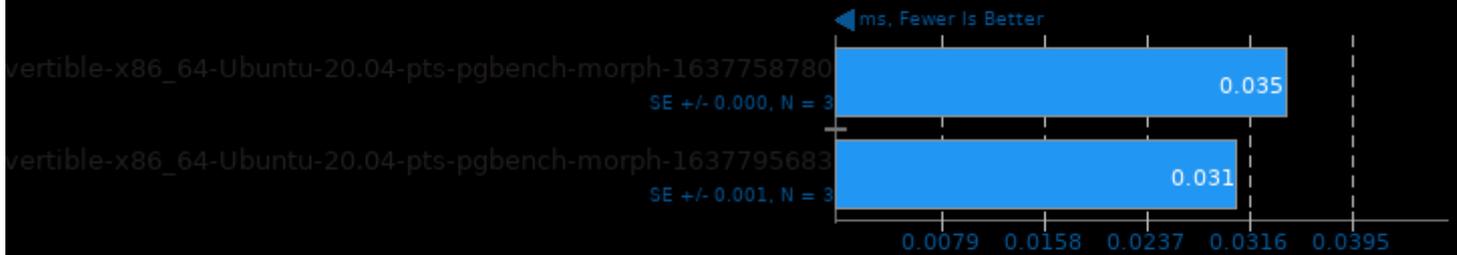
Scaling Factor: 1 - Clients: 500 - Mode: Read Only - Average Latency



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

### PostgreSQL pgbench 14.0

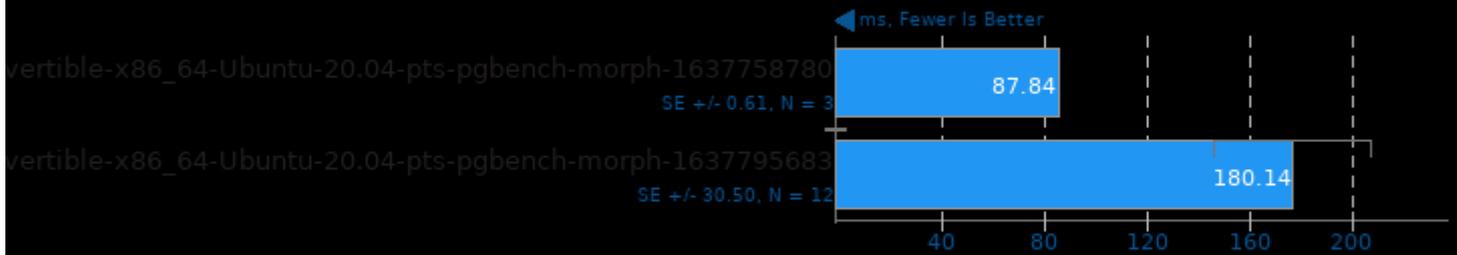
Scaling Factor: 100 - Clients: 1 - Mode: Read Only - Average Latency



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

### PostgreSQL pgbench 14.0

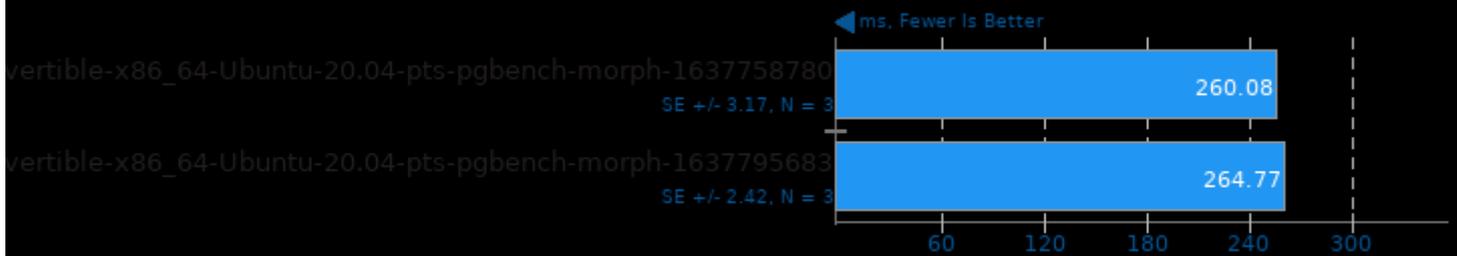
Scaling Factor: 1 - Clients: 100 - Mode: Read Write - Average Latency



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

### PostgreSQL pgbench 14.0

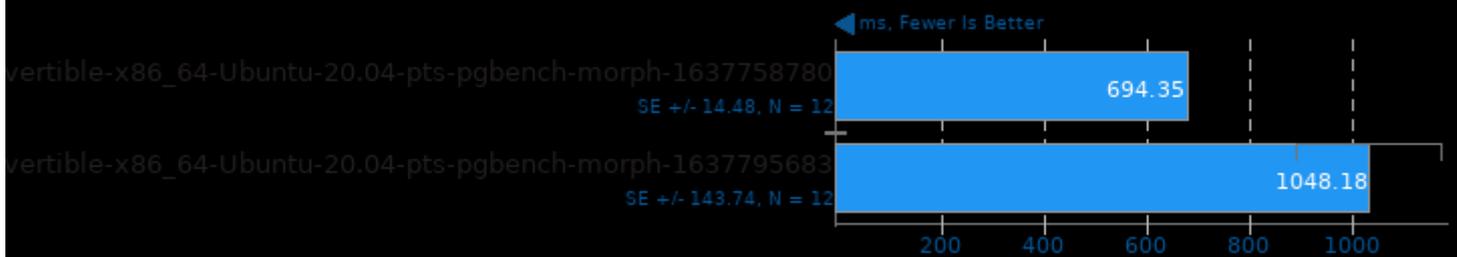
Scaling Factor: 1 - Clients: 250 - Mode: Read Write - Average Latency



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

### PostgreSQL pgbench 14.0

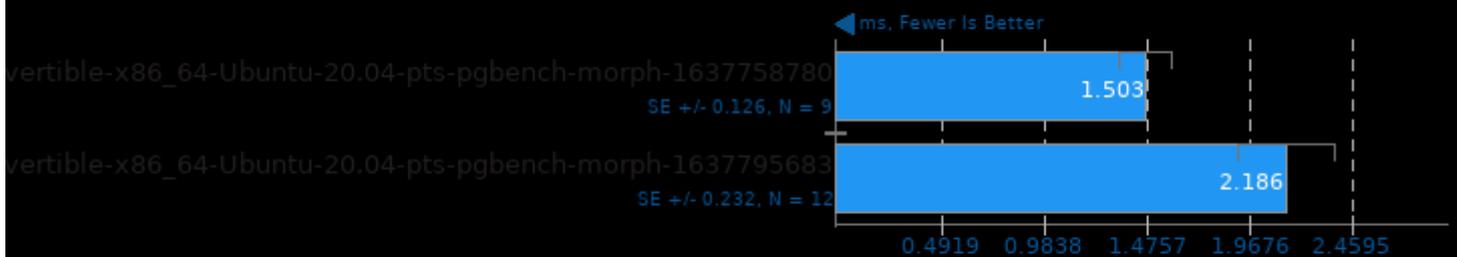
Scaling Factor: 1 - Clients: 500 - Mode: Read Write - Average Latency



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

### PostgreSQL pgbench 14.0

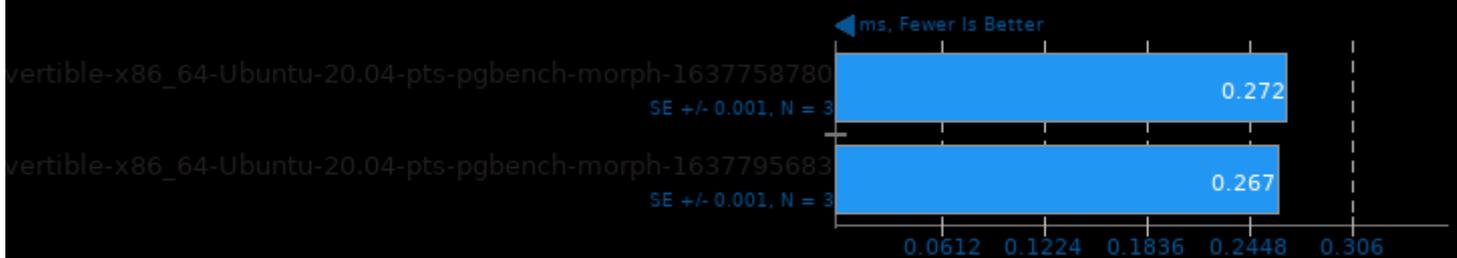
Scaling Factor: 100 - Clients: 1 - Mode: Read Write - Average Latency



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

### PostgreSQL pgbench 14.0

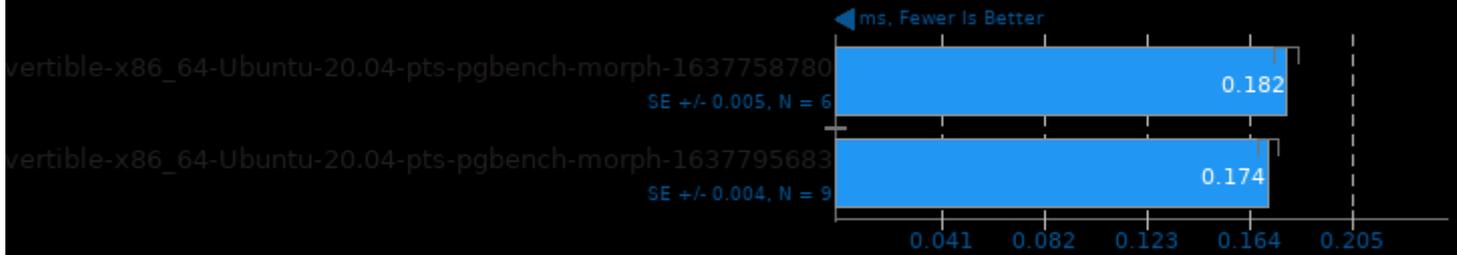
Scaling Factor: 100 - Clients: 50 - Mode: Read Only - Average Latency



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

### PostgreSQL pgbench 14.0

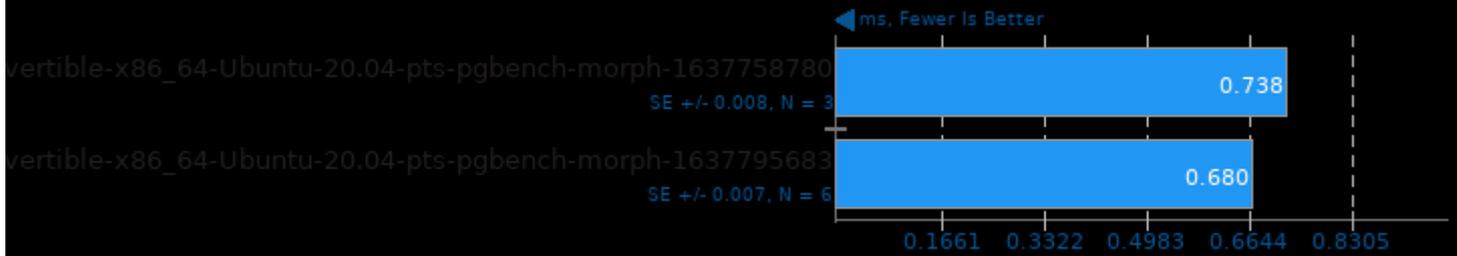
Scaling Factor: 1000 - Clients: 1 - Mode: Read Only - Average Latency



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

### PostgreSQL pgbench 14.0

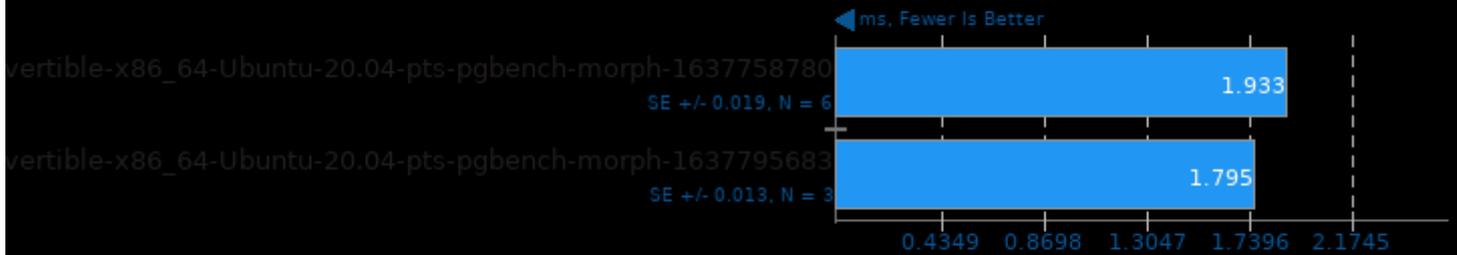
Scaling Factor: 100 - Clients: 100 - Mode: Read Only - Average Latency



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

### PostgreSQL pgbench 14.0

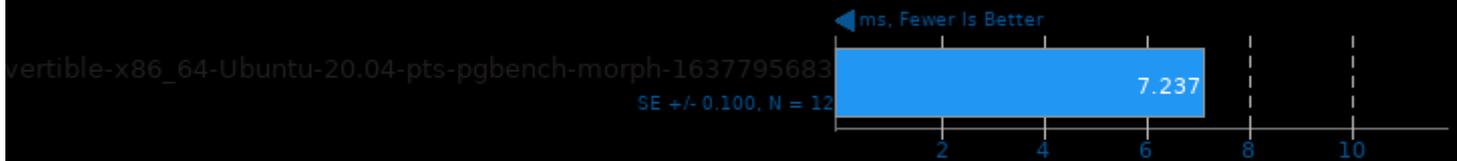
Scaling Factor: 100 - Clients: 250 - Mode: Read Only - Average Latency



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

### PostgreSQL pgbench 14.0

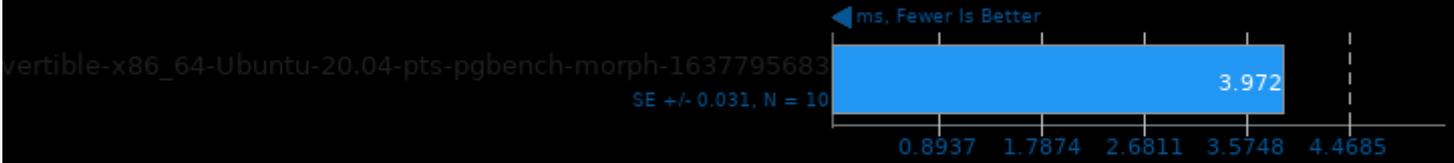
Scaling Factor: 100 - Clients: 50 - Mode: Read Write - Average Latency



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

### PostgreSQL pgbench 14.0

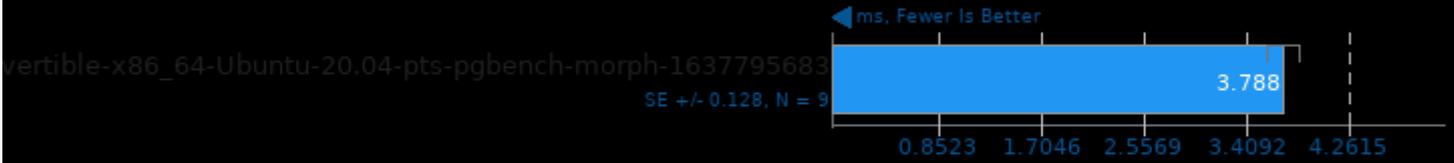
Scaling Factor: 100 - Clients: 500 - Mode: Read Only - Average Latency



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

### PostgreSQL pgbench 14.0

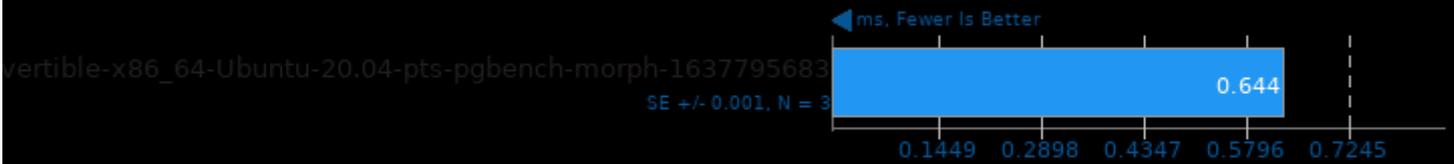
Scaling Factor: 1000 - Clients: 1 - Mode: Read Write - Average Latency



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

### PostgreSQL pgbench 14.0

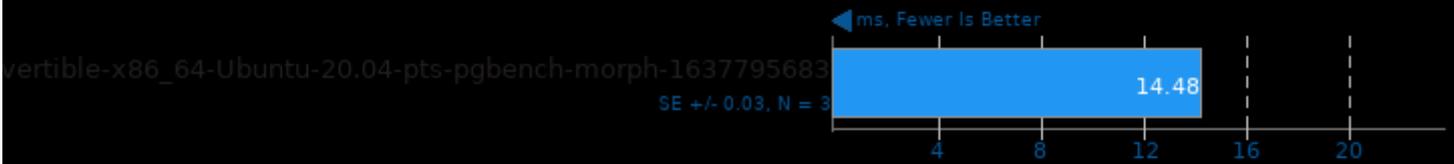
Scaling Factor: 1000 - Clients: 50 - Mode: Read Only - Average Latency



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

### PostgreSQL pgbench 14.0

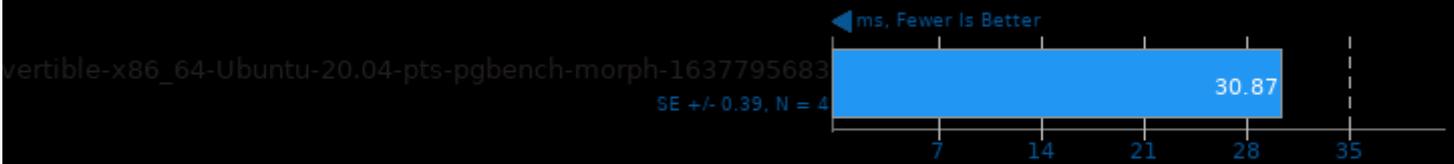
Scaling Factor: 100 - Clients: 100 - Mode: Read Write - Average Latency



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

### PostgreSQL pgbench 14.0

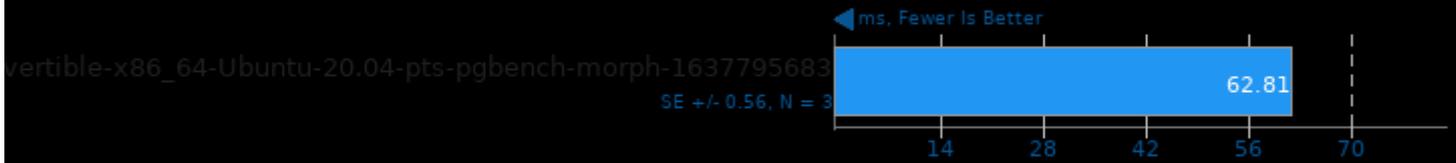
Scaling Factor: 100 - Clients: 250 - Mode: Read Write - Average Latency



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

### PostgreSQL pgbench 14.0

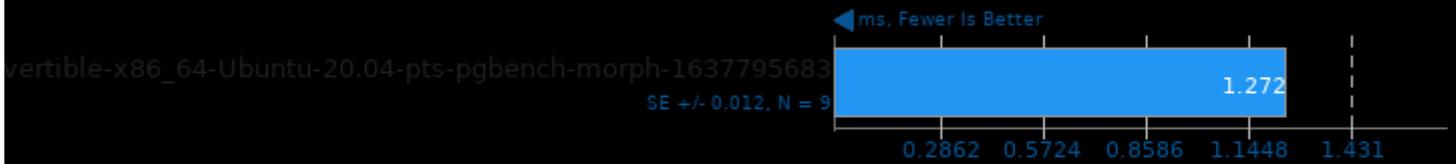
Scaling Factor: 100 - Clients: 500 - Mode: Read Write - Average Latency



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

### PostgreSQL pgbench 14.0

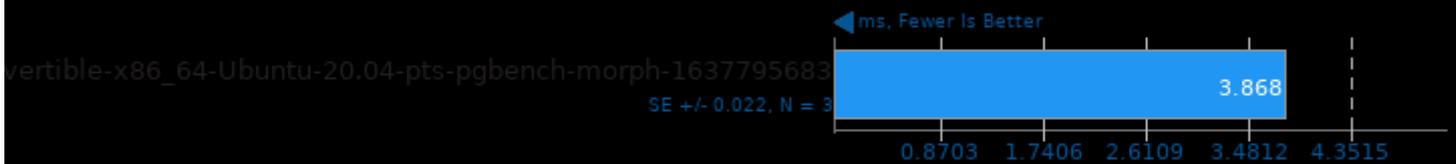
Scaling Factor: 1000 - Clients: 100 - Mode: Read Only - Average Latency



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

### PostgreSQL pgbench 14.0

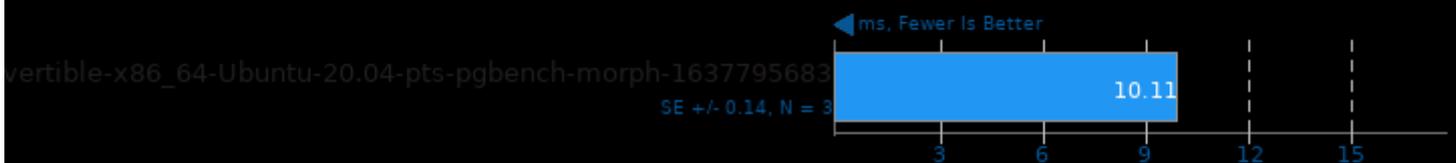
Scaling Factor: 1000 - Clients: 250 - Mode: Read Only - Average Latency



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

### PostgreSQL pgbench 14.0

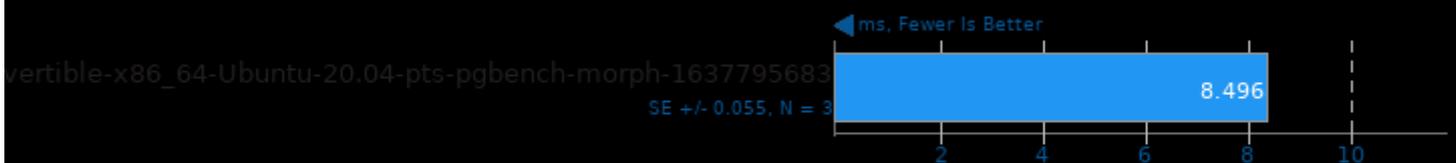
Scaling Factor: 1000 - Clients: 50 - Mode: Read Write - Average Latency



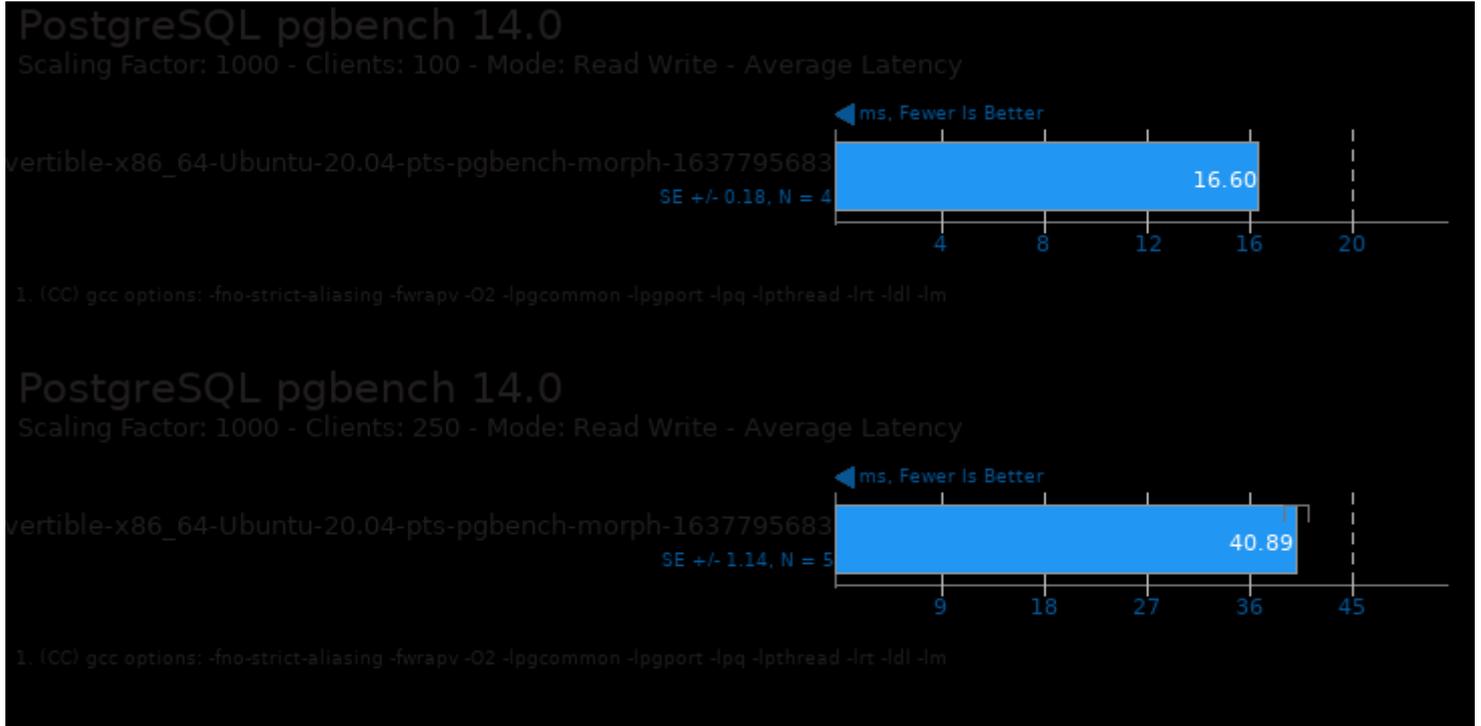
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

### PostgreSQL pgbench 14.0

Scaling Factor: 1000 - Clients: 500 - Mode: Read Only - Average Latency



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



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 15:55.