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HP DL380 generations comparison

Comparing difference generations of HP DL380 servers

Automated Executive Summary

Desktop i7-4790K 16GB SSD had the most wins, coming in first place for 64% of the tests.

Based on the geometric mean of all complete results, the fastest (G9 2xE5-2620v3 32GB 5x10K RAID5-2GB) was 5.45x the speed of the slowest (G4 2x3.60GHz 12GB 4x15K RAID5).

Test Systems:

G4 2x3.60GHz 12GB 4x15K RAID5

Processor: 2 x Intel Xeon @ 3.60GHz (4 Cores), Motherboard: HP ProLiant DL380 G4, Memory: 12288MB, Disk: 1045GB

OS: CentOS 6.6, Kernel: 2.6.32-504.el6.x86_64 (x86_64), Compiler: GCC 4.4.7 20120313, File-System: ext4

Compiler Notes: --build=x86_64-redhat-linux --disable-dssi --disable-libjava-multilib --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-unique-object --enable-java-awt=gtk --enable-java-maintainer-mode --enable-languages=c,c++,objc,obj-c++,java,fortran,ada --enable-libgcj-multifile --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-cloog --with-ppl --with-tune=generic
System Notes: Python 2.6.6. SELinux: Enabled.
Disk Mount Options Notes: barrier=1,data=ordered,relatime,rw,seclabel

G5 E5430 4GB 6x10K RAID10noWCache

Processor: Intel Xeon E5430 @ 2.67GHz (4 Cores), Motherboard: HP ProLiant DL380 G5, Chipset: Intel 5000P MCH, Memory: 4096MB, Disk: 20GB, Graphics: ATI ES1000, Monitor: ATEN + UP91, Network: Broadcom NetXtreme II BCM5708 Gigabit

OS: CentOS 6.0, Kernel: 2.6.32-71.el6.x86_64 (x86_64), Desktop: GNOME, Display Driver: radeon 6.13.0, Compiler: GCC 4.4.4 20100726, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-redhat-linux --disable-dssi --disable-libjava-multilib --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-unique-object --enable-java-awt=gtk --enable-java-maintainer-mode --enable-languages=c,c++,objc,obj-c++,java,fortran,ada --enable-libgcj-multifile --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-cloog --with-ppl --with-tune=generic
System Notes: Python 2.6.5.
Disk Mount Options Notes: barrier=1,data=ordered,relatime,rw

G5 2xE5440 4GB 4x10K RAID5

Processor: 2 x Intel Xeon E5440 @ 2.83GHz (8 Cores), Motherboard: HP ProLiant DL380 G5, Chipset: Intel 5000P MCH, Memory: 4096MB, Disk: 9GB, Graphics: AMD ES1000 128MB, Monitor: HP W1972a, Network: Broadcom NetXtreme II BCM5708 Gigabit

OS: CentOS 6.7, Kernel: 2.6.32-573.1.1.el6.x86_64 (x86_64), Compiler: GCC 4.4.7 20120313, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-redhat-linux --disable-dssi --disable-libjava-multilib --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-unique-object --enable-java-awt=gtk --enable-java-maintainer-mode --enable-languages=c,c++,objc,obj-c++,java,fortran,ada --enable-libgcj-multifile --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-cloog --with-ppl --with-tune=generic
System Notes: Python 2.6.6.
Disk Mount Options Notes: barrier=1,data=ordered,noatime,rw

G6 E5504 4GB 4x10K RAID10noWCache

Processor: Intel Xeon E5504 @ 2.00GHz (4 Cores), Motherboard: HP ProLiant DL380 G6, Chipset: Intel 5520 I/O + ICH10, Memory: 4096MB, Disk: 294GB LOGICAL VOLUME + 600GB LOGICAL VOLUME + 2000GB My Book 1140, Graphics: AMD ES1000 128MB, Monitor: BenQ T720, Network: Broadcom NetXtreme II BCM5709 Gigabit

OS: CentOS 6.7, Kernel: 2.6.32-431.el6.x86_64 (x86_64), Compiler: GCC 4.4.7 20120313, File-System: ext4, Screen Resolution: 1280x1024

Compiler Notes: --build=x86_64-redhat-linux --disable-dssi --disable-libjava-multilib --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-unique-object --enable-java-awt=gtk --enable-java-maintainer-mode --enable-languages=c,c++,objc,obj-c++,java,fortran,ada --enable-libgcj-multifile --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-cloog --with-ppl --with-tune=generic
Disk Notes: CFQ / barrier=1,data=ordered,relatime,rw,seclabel
System Notes: Disk Scheduler: CFQ. Python 2.6.6.

G7 E5620 8GB 4x10K RAID10noWCache

Processor: Intel Xeon E5620 @ 2.40GHz (8 Cores), Motherboard: HP ProLiant DL380 G7, Memory: 8192MB, Disk: 600GB LOGICAL VOLUME + 900GB LOGICAL VOLUME, Graphics: 128MB

OS: CentOS 6.6, Kernel: 2.6.32-504.el6.x86_64 (x86_64), Compiler: GCC 4.4.7 20120313, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-redhat-linux --disable-dssi --disable-libjava-multilib --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-unique-object --enable-java-awt=gtk --enable-java-maintainer-mode --enable-languages=c,c++,objc,obj-c++,java,fortran,ada --enable-libgcj-multifile --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-cloog --with-ppl --with-tune=generic
Disk Notes: CFQ / barrier=1,data=ordered,relatime,rw,seclabel
System Notes: Disk Scheduler: CFQ. Python 2.6.6. SELinux: Enabled.

G8 E5-2620v2 16GB 4x10K RAID10

Processor: Intel Xeon E5-2620 v2 @ 2.10GHz (12 Cores), Motherboard: HP ProLiant DL380p Gen8, Chipset: Intel Xeon E7 v2/Xeon, Memory: 16384MB, Disk: 300GB LOGICAL VOLUME + 3601GB LOGICAL VOLUME, Graphics: Matrox s MGA G200EH, Monitor: Smart Cable, Network: Broadcom NetXtreme BCM5719 Gigabit PCIe

OS: CentOS 6.6, Kernel: 2.6.32-504.1.3.el6.x86_64 (x86_64), Display Driver: modesetting 0.8.0, Compiler: GCC 4.4.7 20120313, File-System: ext4

Compiler Notes: --build=x86_64-redhat-linux --disable-dssi --disable-libjava-multilib --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-unique-object --enable-java-awt=gtk --enable-java-maintainer-mode --enable-languages=c,c++,objc,obj-c++,java,fortran,ada --enable-libgcj-multifile --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-cloog --with-ppl --with-tune=generic
Disk Notes: CFQ / barrier=1,data=ordered,relatime,rw,stripe=64
Processor Notes: Scaling Governor: pcc-cpufreq userspace
System Notes: Disk Scheduler: CFQ. Python 2.6.6.

G9 2xE5-2620v3 32GB 5x10K RAID5-2GB

Processor: 2 x Intel Xeon E5-2620 v3 @ 2.40GHz (24 Cores), Motherboard: HP ProLiant DL380 Gen9, Chipset: Intel Haswell-E DMI2, Memory: 32768MB, Disk: 3601GB LOGICAL VOLUME, Graphics: Matrox s MGA G200EH, Monitor: LCD Monitor 1 + 7", Network: Broadcom NetXtreme BCM5719 Gigabit PCIe

OS: Red Hat Enterprise Linux 7.0, Kernel: 3.10.0-123.el7.x86_64 (x86_64), Desktop: GNOME Shell 3.8.4, Display Driver: modesetting 0.8.0, Compiler: GCC 4.8.2 20140120, File-System: ext4, Screen Resolution: 1280x1024

Compiler Notes: --build=x86_64-redhat-linux --disable-libgcj --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,objc,obj-c++,java,fortran,ada,go,lto --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=x86-64 --with-linker-hash-style=gnu --with-tune=generic
Disk Notes: DEADLINE / data=ordered,relatime,rw,stripe=256
Processor Notes: Scaling Governor: pcc-cpufreq performance
System Notes: Disk Scheduler: DEADLINE. Python 2.7.5.

Desktop i7-4790K 16GB SSD

Processor: Intel Core i7-4790K @ 4.00GHz (8 Cores), Motherboard: ASUS GRYPHON Z97 ARMOR EDITION, Chipset: Intel 4th Gen Core DRAM, Memory: 16384MB, Disk: 256GB Samsung SSD 850, Graphics: Intel Xeon E3-1200 v3/4th Gen Core IGP, Audio: C-Media CMI8788, Monitor: E2350, Network: Intel Connection

OS: CentOS 6.6, Kernel: 2.6.32-504.el6.x86_64 (x86_64), Compiler: GCC 4.4.7 20120313, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-redhat-linux --disable-dssi --disable-libjava-multilib --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-unique-object --enable-java-awt=gtk --enable-java-maintainer-mode --enable-languages=c,c++,objc,obj-c++,java,fortran,ada --enable-libgcj-multifile --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-cloog --with-ppl --with-tune=generic
Disk Notes: CFQ / barrier=1,data=ordered,relatime,rw,seclabel
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
System Notes: Disk Scheduler: CFQ. Python 2.6.6. SELinux: Enabled.

AWS t2.small

Processor: Intel Xeon E5-2670 v2 @ 2.49GHz (1 Core), Motherboard: Xen HVM domU, Chipset: Intel 440FX- 82441FX PMC, Memory: 2048MB, Disk: 8GB, Graphics: Cirrus Logic GD 5446

OS: CentOS 6.7, Kernel: 2.6.32-573.7.1.el6.x86_64 (x86_64), File-System: ext4, System Layer: Xen HVM domU 4.2.amazon

Compiler Notes: --build=x86_64-redhat-linux --disable-dssi --disable-libjava-multilib --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-unique-object --enable-java-awt=gtk --enable-java-maintainer-mode --enable-languages=c,c++,objc,obj-c++,java,fortran,ada --enable-libgcj-multifile --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-cloog --with-ppl --with-tune=generic
Disk Notes: CFQ / barrier=1,data=ordered,relatime,rw,seclabel
System Notes: Disk Scheduler: CFQ. Python 2.6.6. SELinux: Enabled.

AWS t2.medium

Processor: Intel Xeon E5-2670 v2 @ 2.49GHz (2 Cores), Motherboard: Xen HVM domU, Chipset: Intel 440FX- 82441FX PMC, Memory: 4096MB, Disk: 8GB, Graphics: Cirrus Logic GD 5446

OS: CentOS 6.7, Kernel: 2.6.32-573.7.1.el6.x86_64 (x86_64), Compiler: GCC 4.4.7 20120313, File-System: ext4, System Layer: Xen HVM domU 4.2.amazon

Compiler Notes: --build=x86_64-redhat-linux --disable-dssi --disable-libjava-multilib --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-unique-object --enable-java-awt=gtk --enable-java-maintainer-mode --enable-languages=c,c++,objc,obj-c++,java,fortran,ada --enable-libgcj-multifile --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-cloog --with-ppl --with-tune=generic
Disk Notes: CFQ / barrier=1,data=ordered,relatime,rw
System Notes: Disk Scheduler: CFQ. Python 2.6.6.

AWS t2.large

AWS m4.large

Processor: Intel Xeon E5-2676 v3 @ 2.40GHz (2 Cores), Motherboard: Xen HVM domU, Chipset: Intel 440FX- 82441FX PMC, Memory: 8192MB, Disk: 8GB, Graphics: Cirrus Logic GD 5446

OS: CentOS 6.7, Kernel: 2.6.32-573.7.1.el6.x86_64 (x86_64), Compiler: GCC 4.4.7 20120313, File-System: ext4, System Layer: Xen HVM domU 4.2.amazon

Compiler Notes: --build=x86_64-redhat-linux --disable-dssi --disable-libjava-multilib --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-unique-object --enable-java-awt=gtk --enable-java-maintainer-mode --enable-languages=c,c++,objc,obj-c++,java,fortran,ada --enable-libgcj-multifile --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-cloog --with-ppl --with-tune=generic
Disk Notes: CFQ / barrier=1,data=ordered,relatime,rw
System Notes: Disk Scheduler: CFQ. Python 2.6.6.

AWS m4.xlarge

Processor: Intel Xeon E5-2676 v3 @ 2.40GHz (4 Cores), Motherboard: Xen HVM domU, Chipset: Intel 440FX- 82441FX PMC, Memory: 16384MB, Disk: 8GB, Graphics: Cirrus Logic GD 5446

OS: CentOS 6.7, Kernel: 2.6.32-573.7.1.el6.x86_64 (x86_64), Compiler: GCC 4.4.7 20120313, File-System: ext4, System Layer: Xen HVM domU 4.2.amazon

Compiler Notes: --build=x86_64-redhat-linux --disable-dssi --disable-libjava-multilib --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-unique-object --enable-java-awt=gtk --enable-java-maintainer-mode --enable-languages=c,c++,objc,obj-c++,java,fortran,ada --enable-libgcj-multifile --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-cloog --with-ppl --with-tune=generic
Disk Notes: CFQ / barrier=1,data=ordered,relatime,rw
System Notes: Disk Scheduler: CFQ. Python 2.6.6.

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	G4 2x3.60 GHz 12GB 4x15K RAID5	G5 E5430 4GB 6x10K RAID10noWCache	G5 2xE5440 4GB 4x10K RAID5	G6 E5504 4GB 4x10K RAID10noWCache	G7 E5620 8GB 4x10K RAID10noWCache	G8 E5-2620v2 16GB 4x10K RAID10	G9 2xE5-2620v3 32GB 5x10K RAID5-2GB	Desktop i7-4790K 16GB SSD	AWS t2.small	AWS t2.medium	AWS t2.large	AWS m4.large	AWS m4.xlarge
AIO-Stress - Rand Write (MB/s)	635.05	95.04	75.49	110.60	930.59	2349	1985	4624	57.24	137.15	1176	792.96	2322
Normalized	13.73%	2.06%	1.63%	2.39%	20.13%	50.79%	42.92%	100%	1.24%	2.97%	25.43%	17.15%	50.21%
Standard Deviation	4.5%	21.9%	12.1%	13.3%	1.1%	0.4%	1.3%	0.7%	41.3%	9.9%	0.5%	0.6%	0.7%
Apache Benchmark - S.W.P.S (Reqs/sec)	4955	8499	12745	10258	11426	17373	21815	28979	4860	7795	9864	7029	10751
Normalized	17.1%	29.33%	43.98%	35.4%	39.43%	59.95%	75.28%	100%	16.77%	26.9%	34.04%	24.25%	37.1%
Standard Deviation	0.2%	3.3%	0.1%	0.3%	1.4%	0.9%	1.2%	0.5%	0.8%	0.3%	0.2%	1.6%	0.2%
GnuPG - 1.F.E (sec)	17.52	19.02	18.32	27.74	22.08	12.37	9.33	6.64	11.58	11.07	11.02	11.05	10.88
Normalized	37.9%	34.91%	36.24%	23.94%	30.07%	53.68%	71.17%	100%	57.34%	59.98%	60.25%	60.09%	61.03%
Standard Deviation	0.2%	0.5%	3.4%	0.6%	0.2%	0.6%	1.6%	1%	5%	2.8%	1.6%	4%	0.2%
Gzip Compression - 2.F.C (sec)	22.99	17.42	18.65	23.54	19.03	17.93	13.25	9.33	31.54	15.92	15.43	15.64	15.60
Normalized	40.58%	53.56%	50.03%	39.63%	49.03%	52.04%	70.42%	100%	29.58%	58.61%	60.47%	59.65%	59.81%
Standard Deviation	0.3%	0.5%	8.1%	3.1%	0.2%	0.7%	0.3%	1.4%	7%	1%	0.9%	1.6%	2.9%
LAME MP3 Encoding - WAV To MP3	35.73	24.75	23.18	31.07	24.84	20.03	15.31	10.87	18.28	17.65	17.89	17.90	17.90
Normalized	30.42%	43.92%	46.89%	34.99%	43.76%	54.27%	71%	100%	59.46%	61.59%	60.76%	60.73%	60.73%
Standard Deviation	0.2%	0.5%	0.2%	0%	0.1%	0.1%	1.4%	0.2%	0.4%	0.5%	0.2%	0.1%	0.2%
Loopback TCP Network Performance - T.T.T.1.V.L		37.88		25.32		21.07							
Normalized		55.62%		83.21%		100%							
Standard Deviation		1.3%		1.1%		7.7%							
OpenSSL - R.4.b.P (Signs/sec)	69.90	230.70	487.53	178.30	238.37	537.10	1284	729.27	95.17	193.00	204.43	111.53	223.27
Normalized	5.44%	17.97%	37.97%	13.88%	18.56%	41.83%	100%	56.79%	7.41%	15.03%	15.92%	8.69%	17.39%
Standard Deviation	0%	0.4%	0.8%	0.1%	0.2%	0%	0.1%	0.4%	0.3%	0.6%	0.1%	0.2%	0%
Parallel BZIP2 Compression - 2.F.C (sec)	37.74	19.29	7.36	21.19	11.71	7.54	3.28	6.11	50.78	24.39	22.56	35.00	18.17
Normalized	8.69%	17%	44.57%	15.48%	28.01%	43.5%	100%	53.68%	6.46%	13.45%	14.54%	9.37%	18.05%
Standard Deviation	0.5%	20.2%	3.7%	0.2%	0.5%	0.1%	0.9%	5.3%	0.1%	0.9%	0.2%	0.7%	3.2%
PHPBench - P.B.S (Score)	36141	58160	60672	45564	56815	67968	121096	134799	28224	76471	80933	80760	81113
Normalized	26.81%	43.15%	45.01%	33.8%	42.15%	50.42%	89.83%	100%	20.94%	56.73%	60.04%	59.91%	60.17%

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Standard Deviation	1.4%	0.7%	3.3%	0.7%	2%	2.6%	0.3%	2.1%	62.5%	0.8%	0.4%	0.2%	0.4%
PostgreSQL pgbench - T.B.T.P.S (TPS)	**59.81**	247.63	1673	230.78	401.29	**7412**		985.68	759.80	1039	1350	1289	1650
Normalized	0.81%	3.34%	22.57%	3.11%	5.41%	100%		13.3%	10.25%	14.02%	18.21%	17.39%	22.27%
Standard Deviation	1.2%	0.5%	0.6%	0.2%	0.8%	0.1%		0.2%	0.9%	1.7%	1.1%	0.6%	0.7%
PyBench - T.F.A.T.T (Milliseconds)	**6607**	4044	3677	5421	4025	3726	2192	**1721**	3334	3137	2773	2792	2791
Normalized	26.05%	42.56%	46.8%	31.75%	42.76%	46.19%	78.51%	100%	51.62%	54.86%	62.06%	61.64%	61.66%
Standard Deviation	0.5%	0.1%	0.3%	0.1%	0.2%	0.1%	0.3%	0.1%	0%	0.1%	0.7%	0.1%	0%
SQLite - D.T.D (sec)	**659.82**	382.06	8.98	390.52	407.35	6.54	**4.03**	97.10	55.28	55.09	42.34	41.26	44.66
Normalized	0.61%	1.05%	44.88%	1.03%	0.99%	61.62%	100%	4.15%	7.29%	7.32%	9.52%	9.77%	9.02%
Standard Deviation	1.2%	1%	3.5%	1%	1.2%	0.3%	1.5%	0.3%	1.5%	2.3%	0.1%	0.4%	0.3%
System XZ Decompression - P.T.S.v.2.1		6.93	6.31	**8.47**		6.49	4.99	**3.70**	6.13	5.87	6.13	6.09	6.02
Normalized		53.39%	58.64%	43.68%		57.01%	74.15%	100%	60.36%	63.03%	60.36%	60.76%	61.46%
Standard Deviation		1.3%	0.2%	0.1%		0%	0.2%	0.3%	1%	1%	0.4%	0.1%	0.2%
Timed PHP Compilation - Time To Compile (sec)	117.84	49.92	31.52	57.69	36.96	26.98	**16.90**	20.19	**118.12**	60.84	56.91	84.53	46.13
Normalized	14.34%	33.85%	53.62%	29.29%	45.73%	62.64%	100%	83.7%	14.31%	27.78%	29.7%	19.99%	36.64%
Standard Deviation	0.1%	0.1%	0.5%	0.1%	0.2%	0.2%	1.1%	1%	0.1%	0.1%	0.2%	0.1%	0%
Unpacking The Linux Kernel - linux-2.6.32.tar.bz2 (sec)	**25.34**	12.46	12.23	19.49	14.71	12.16	9.40	**6.67**	15.43	11.74	11.78	12.23	12.07
Normalized	26.32%	53.53%	54.54%	34.22%	45.34%	54.85%	70.96%	100%	43.23%	56.81%	56.62%	54.54%	55.26%
Standard Deviation	5.1%	2.6%	3.6%	2.9%	0.9%	3.5%	2.4%	2.5%	7.5%	5.2%	1.7%	0.1%	2.6%

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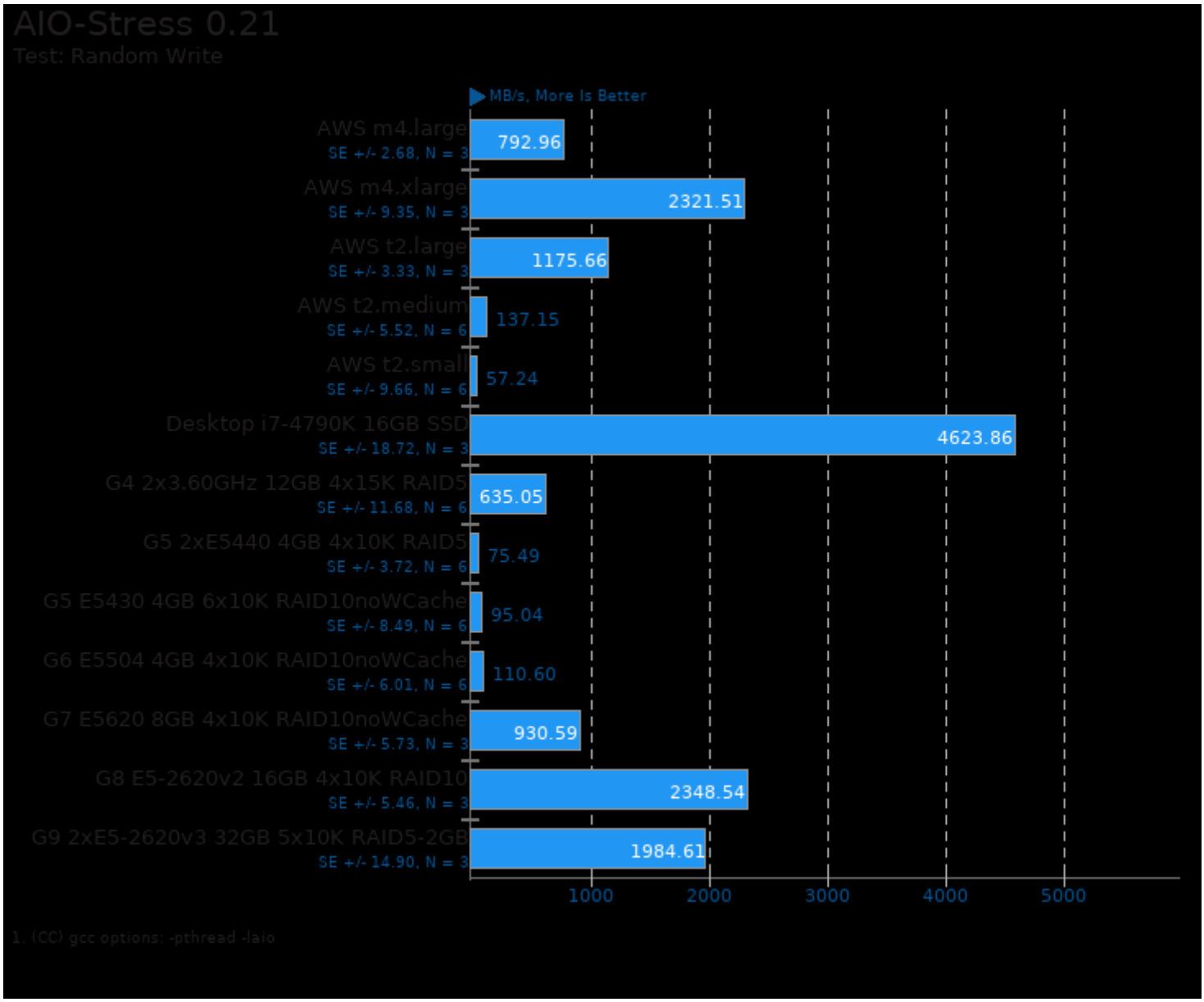

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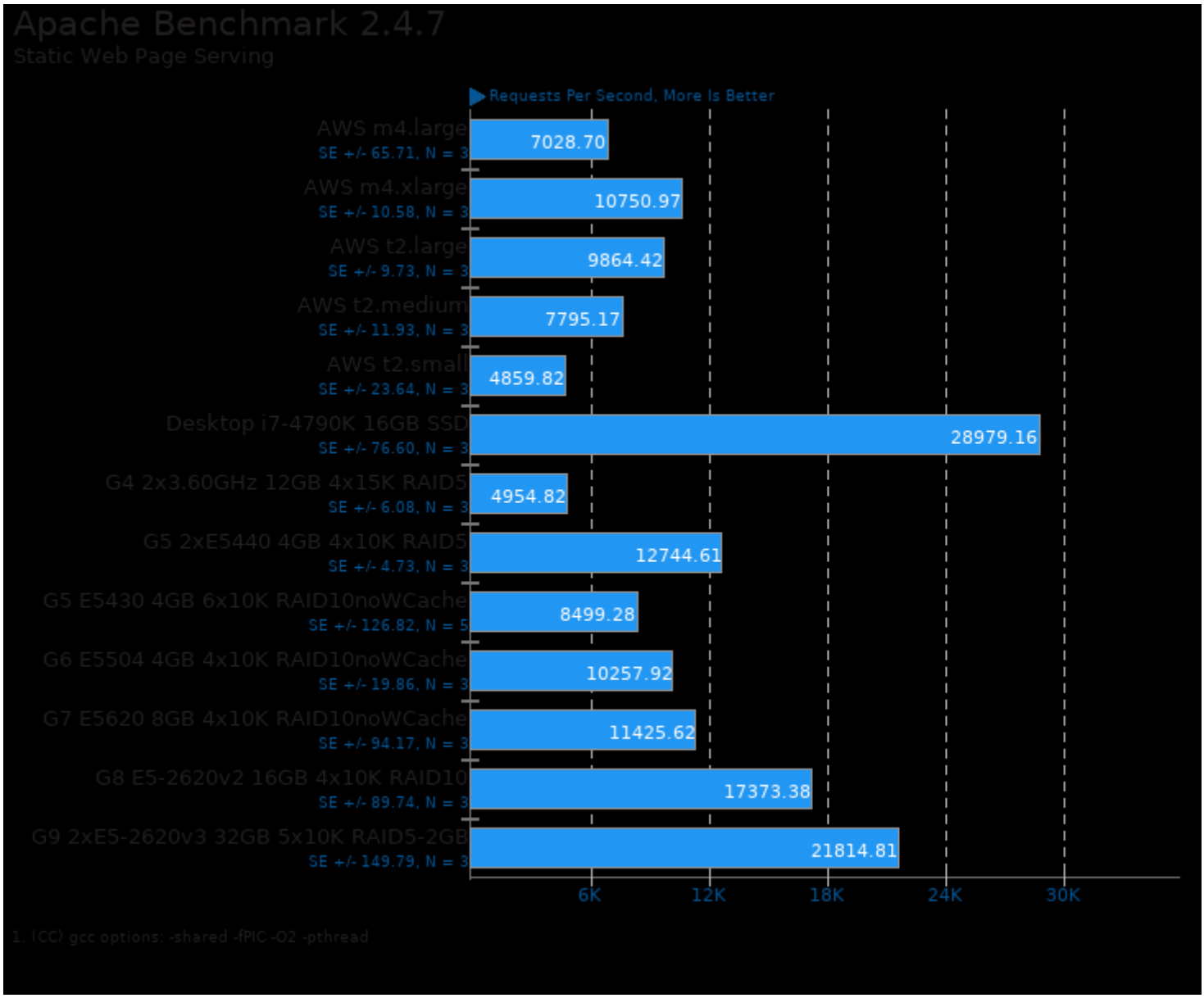

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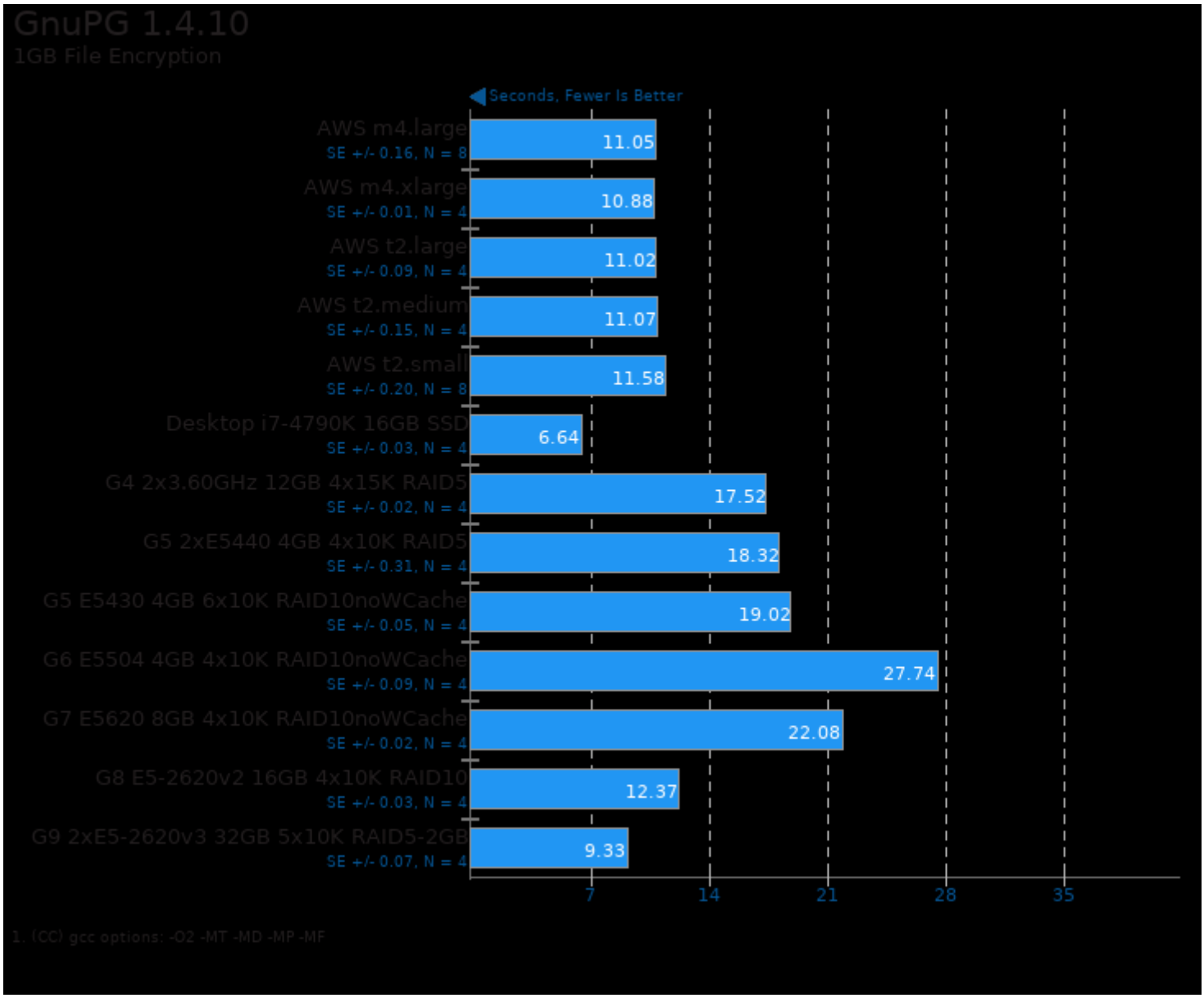
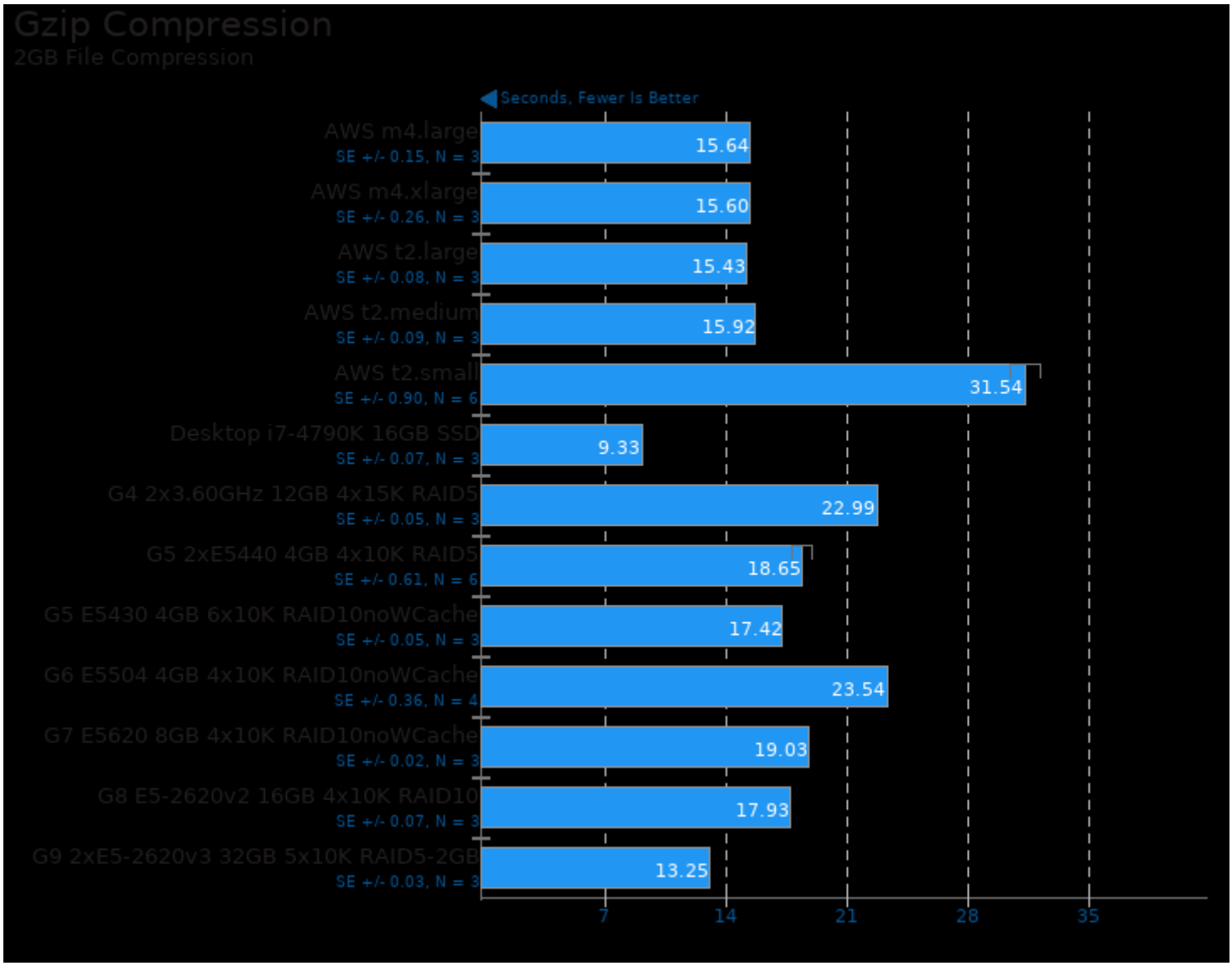
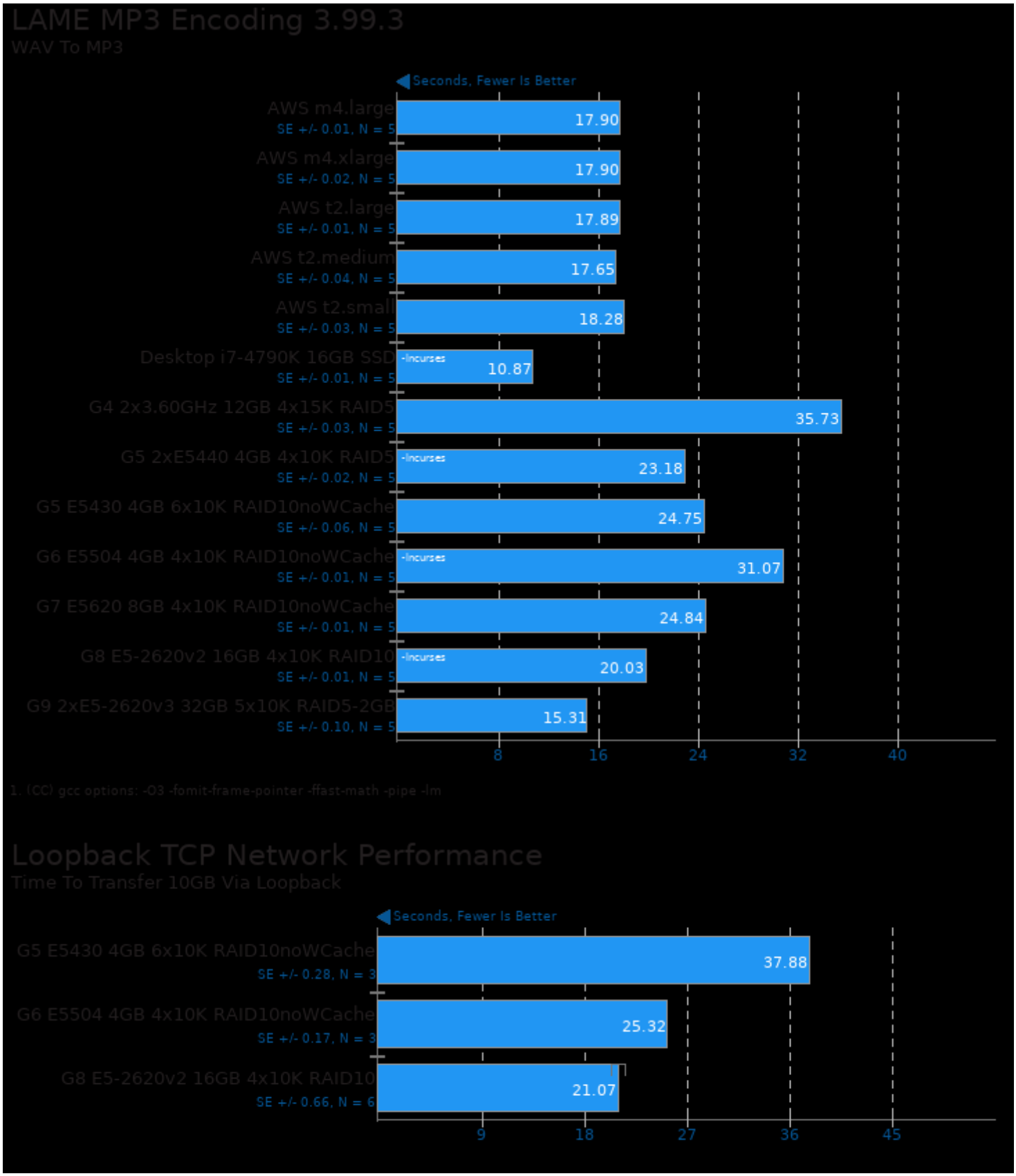


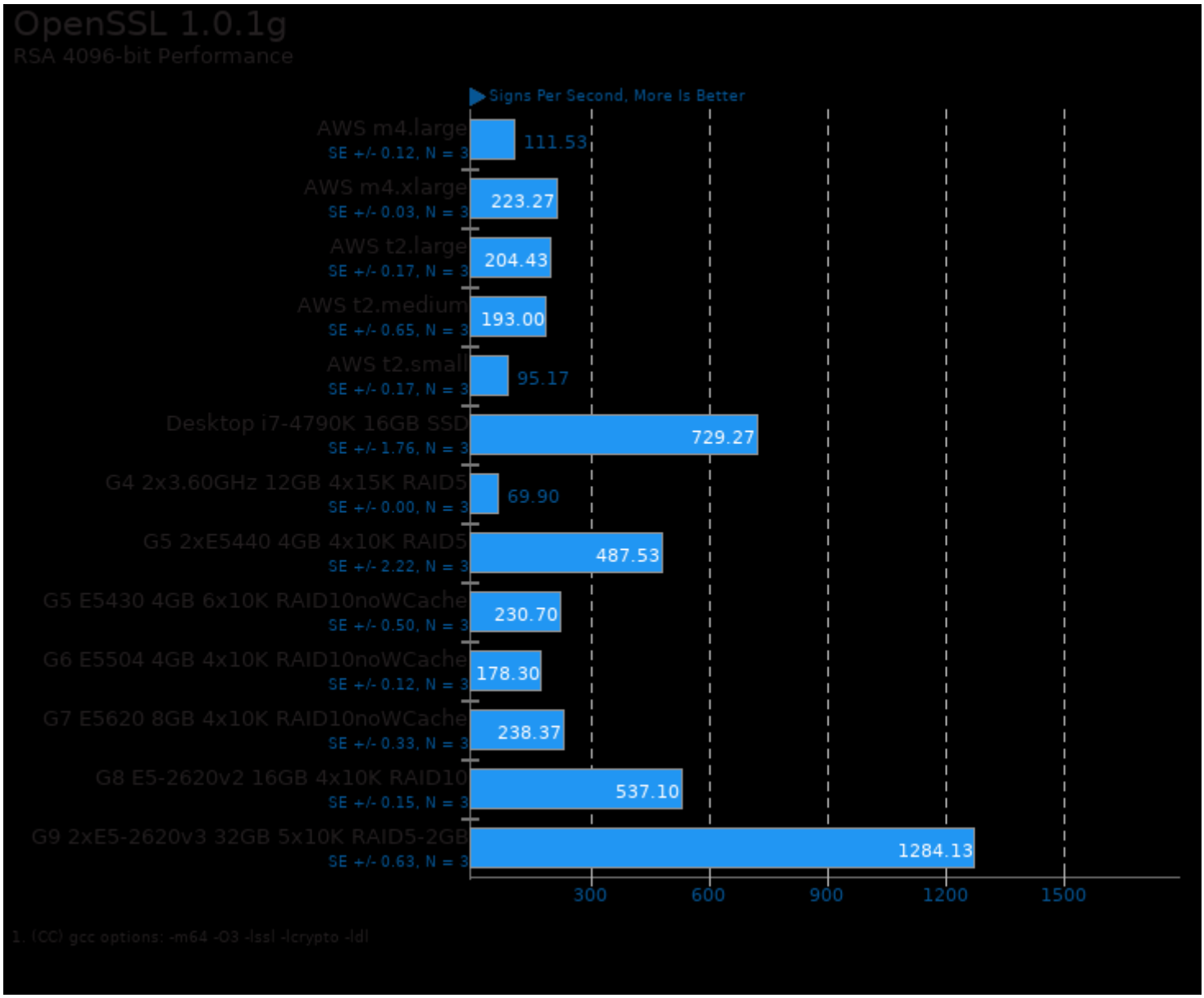
HP DL380 generations comparison



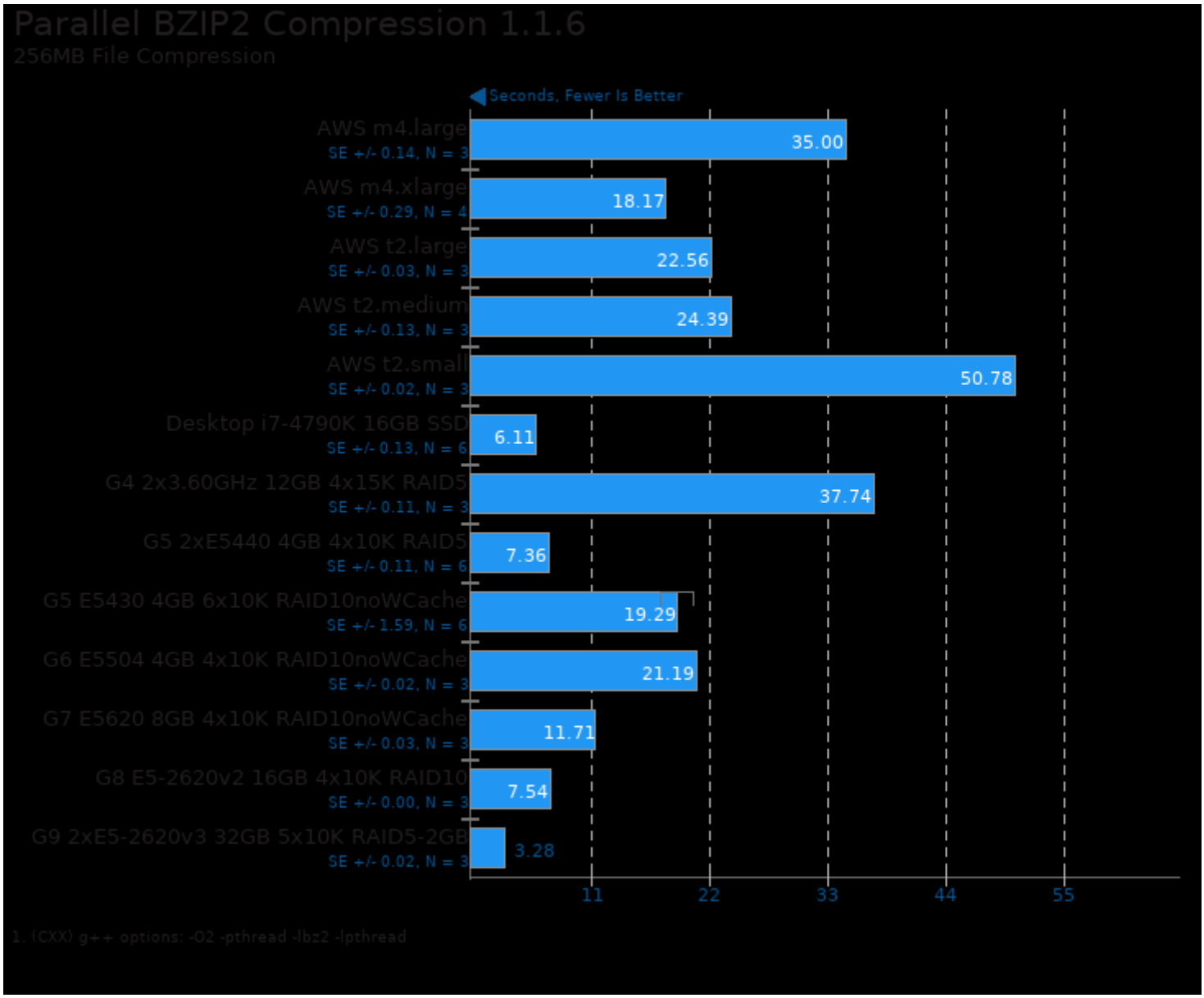
HP DL380 generations comparison



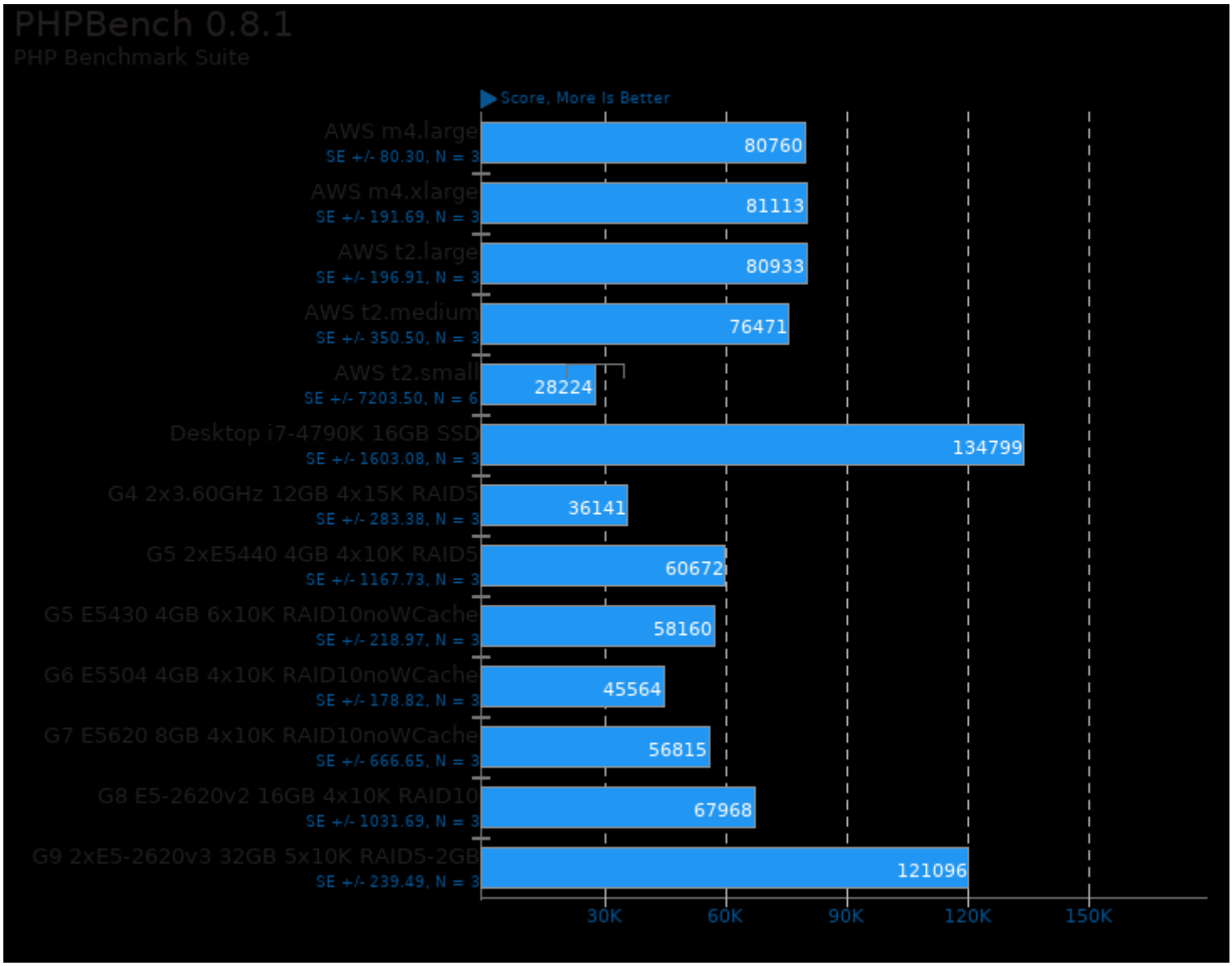
HP DL380 generations comparison



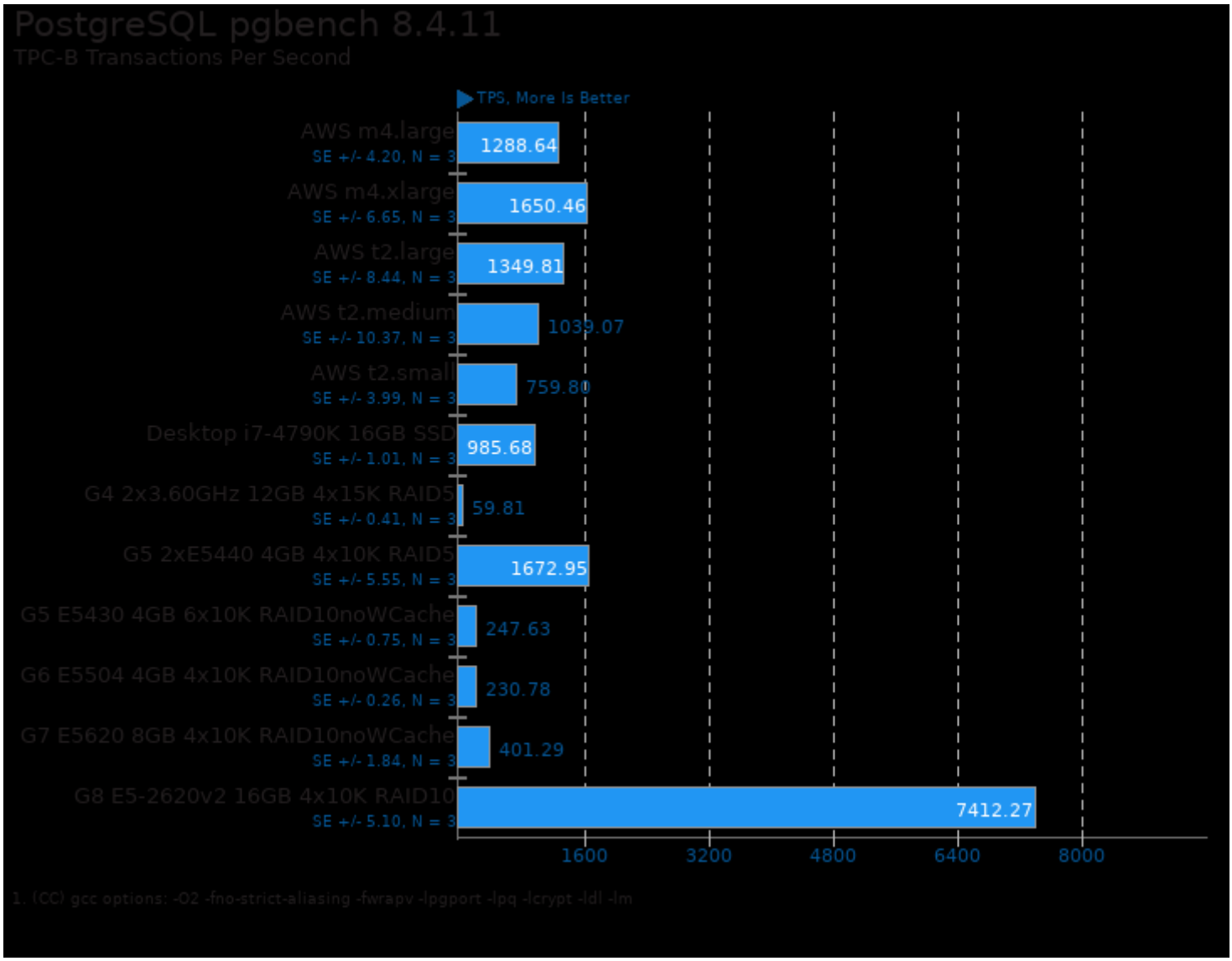
HP DL380 generations comparison



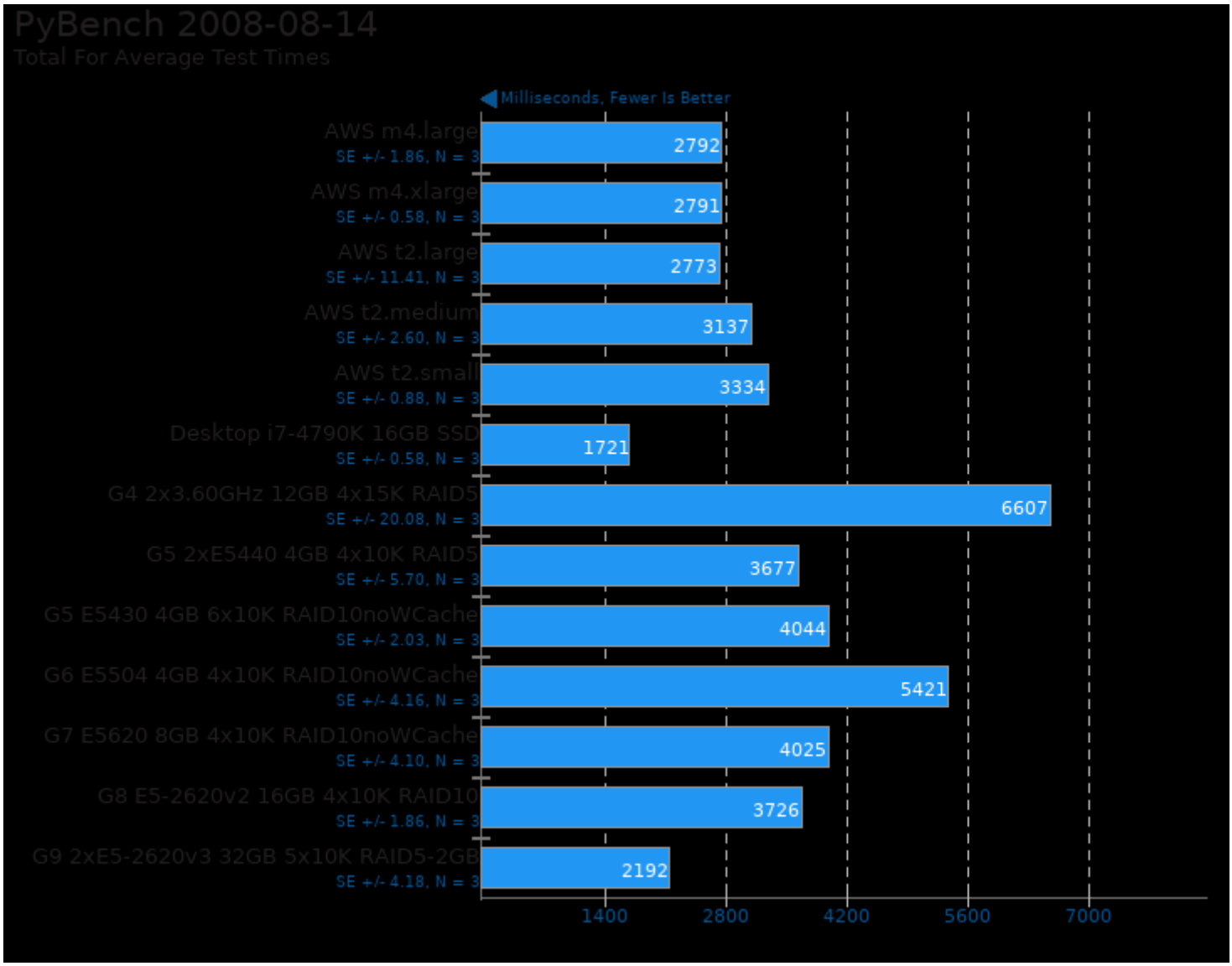
HP DL380 generations comparison



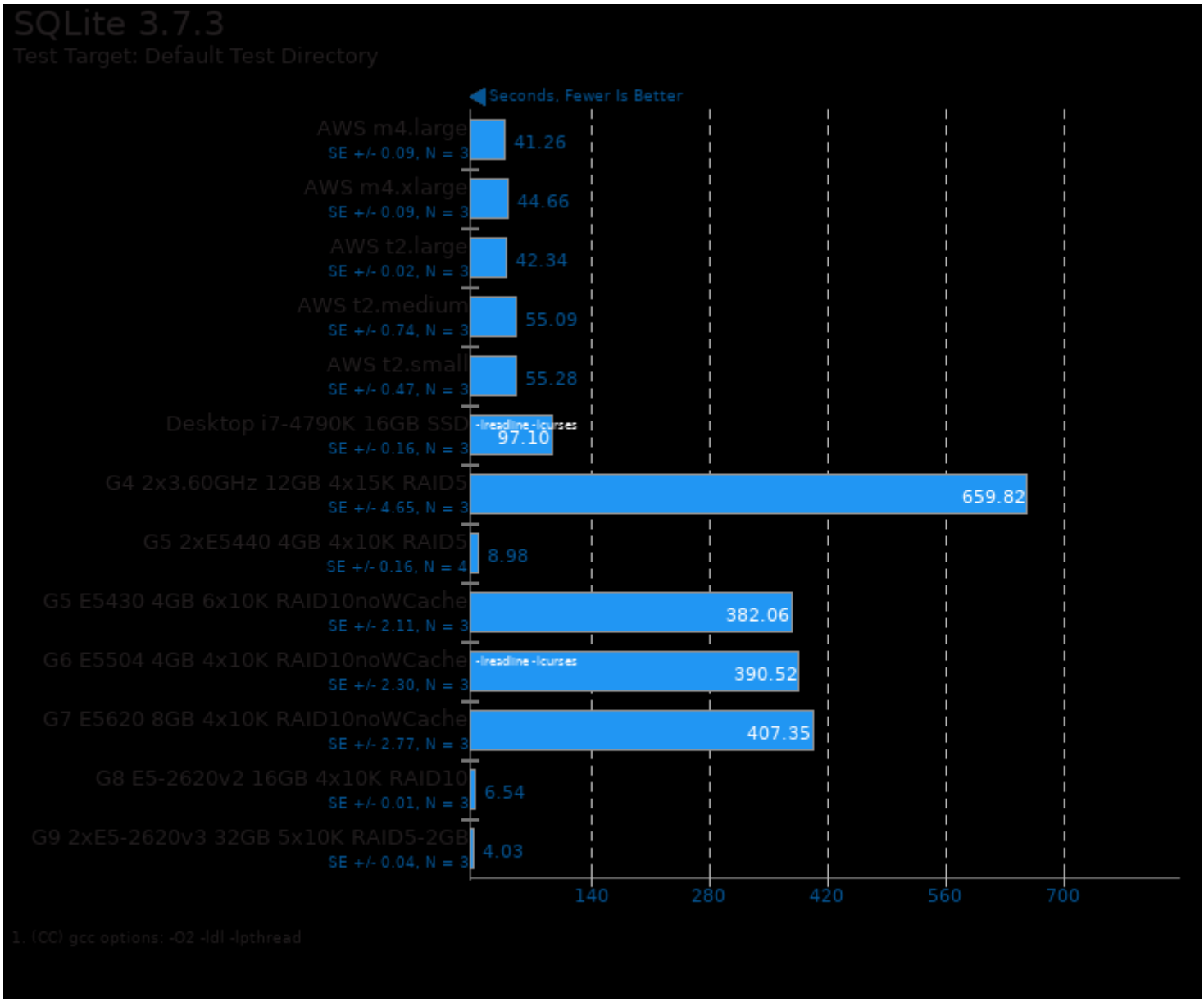
HP DL380 generations comparison



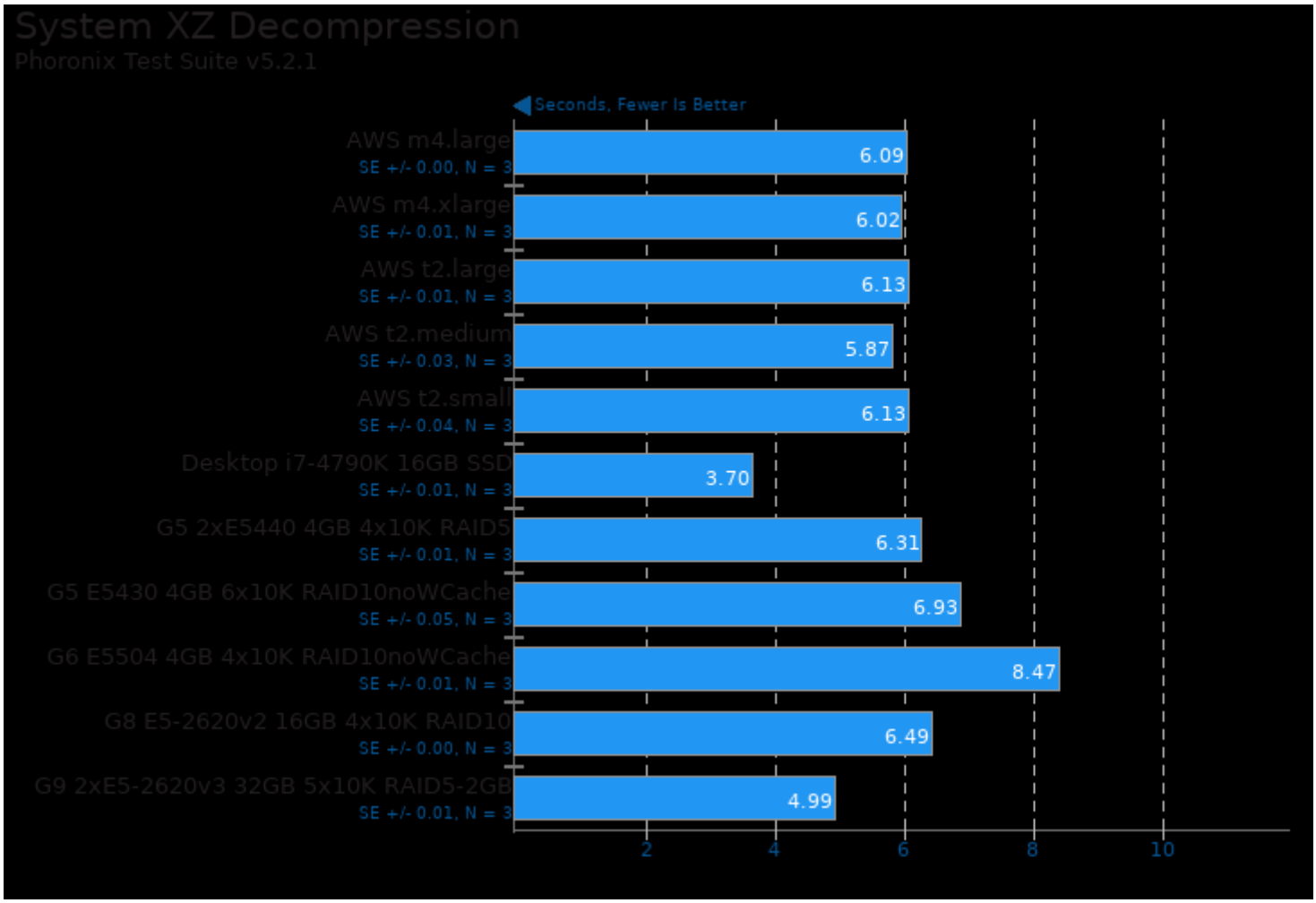
HP DL380 generations comparison



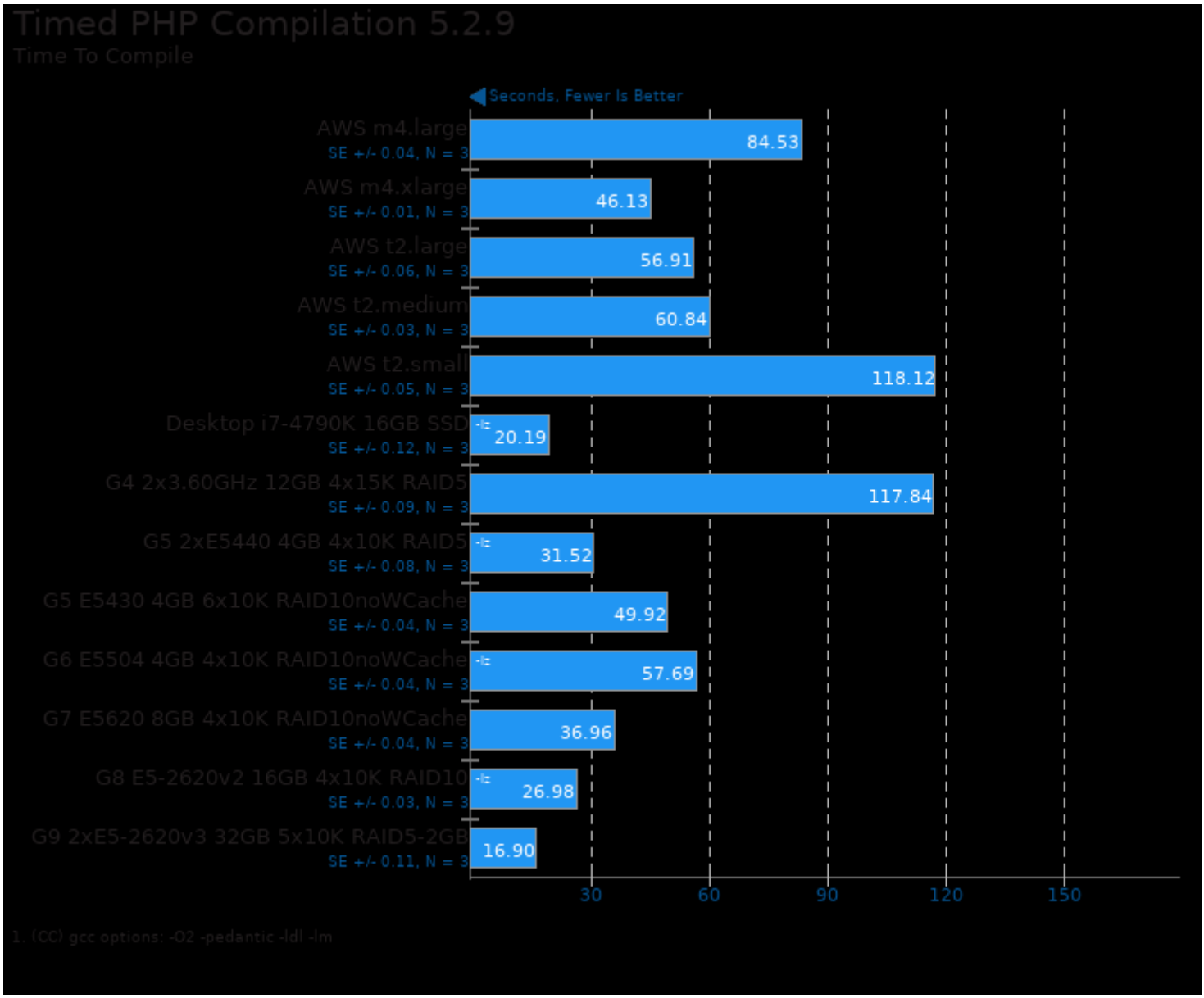
HP DL380 generations comparison



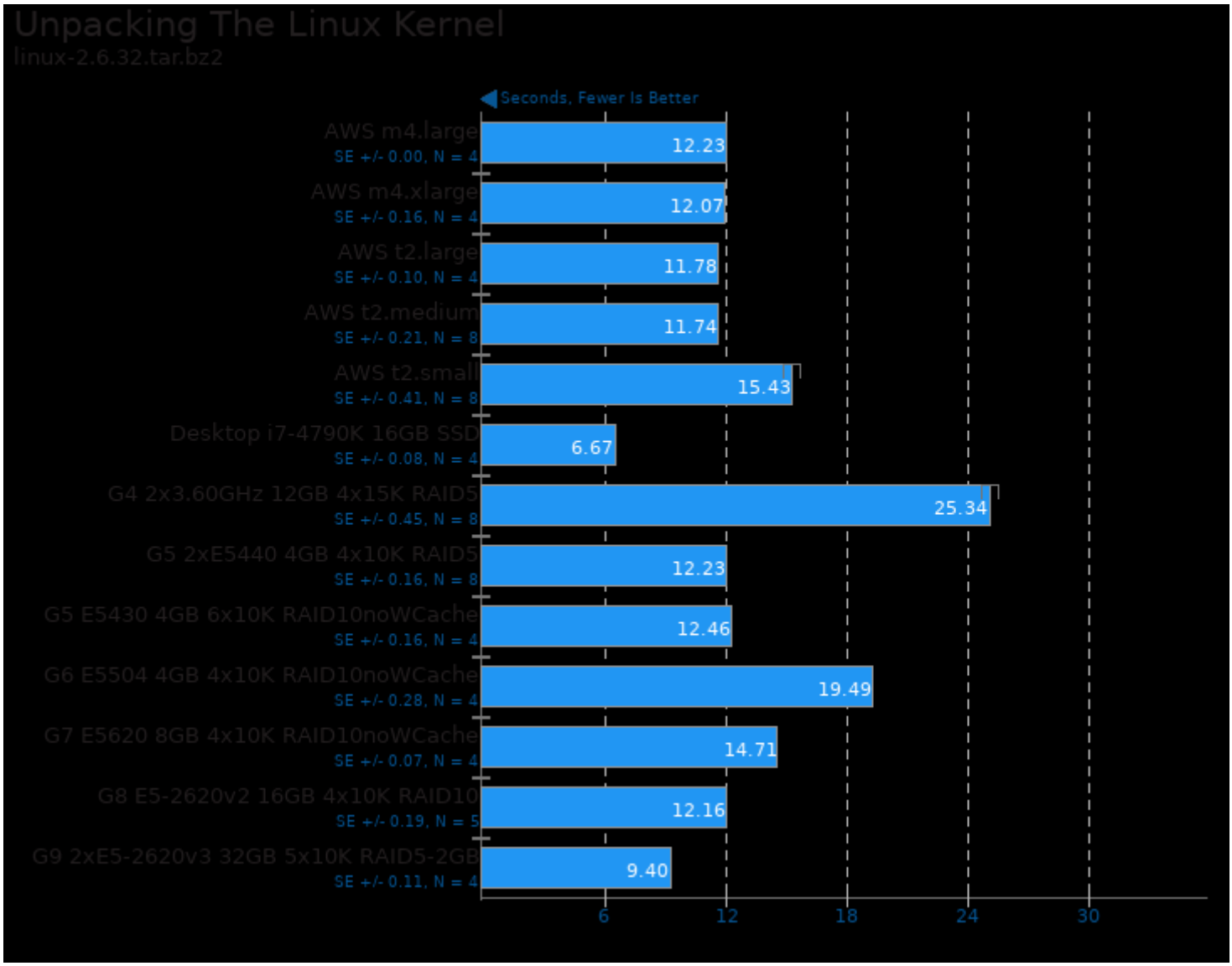
HP DL380 generations comparison



HP DL380 generations comparison

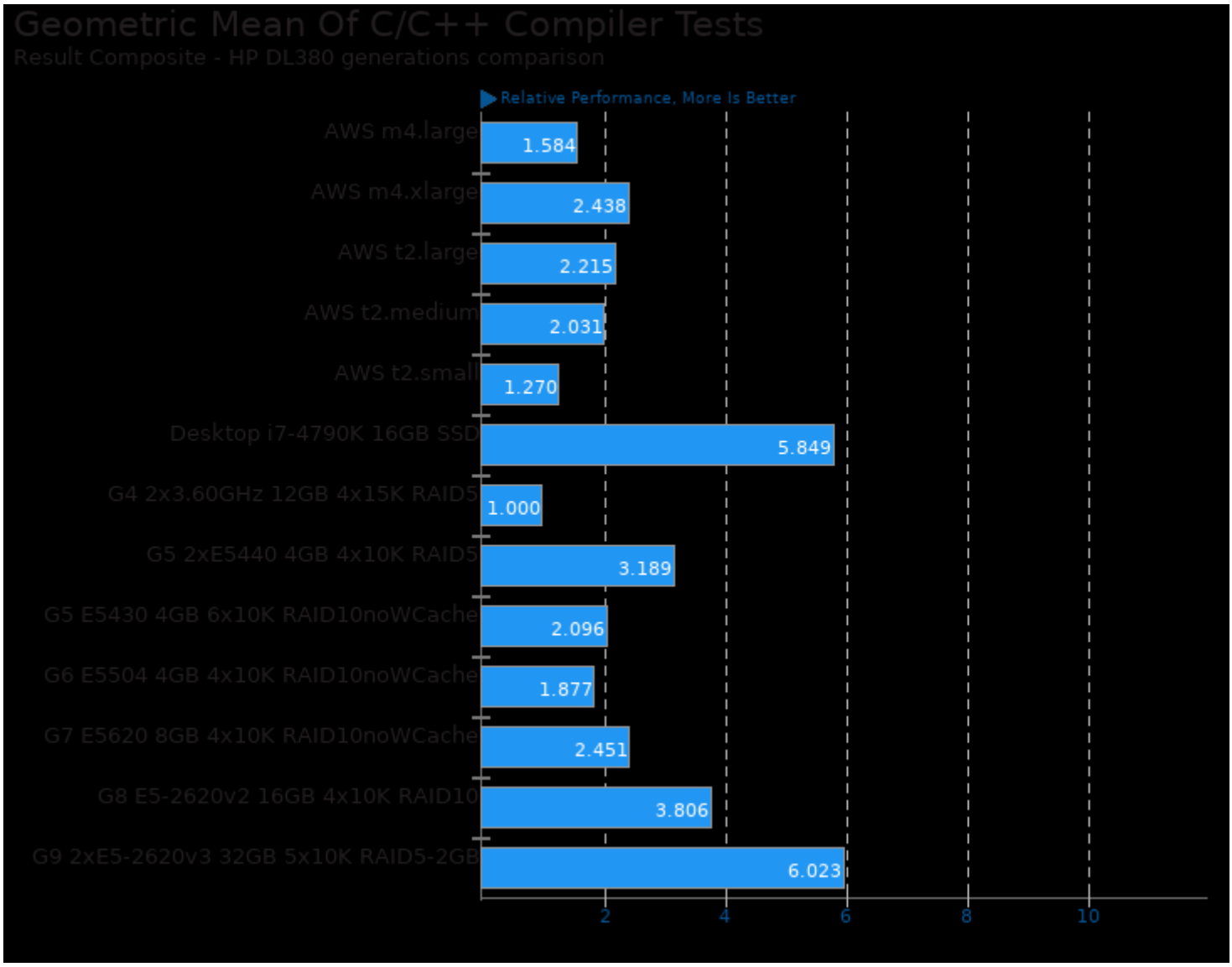


HP DL380 generations comparison



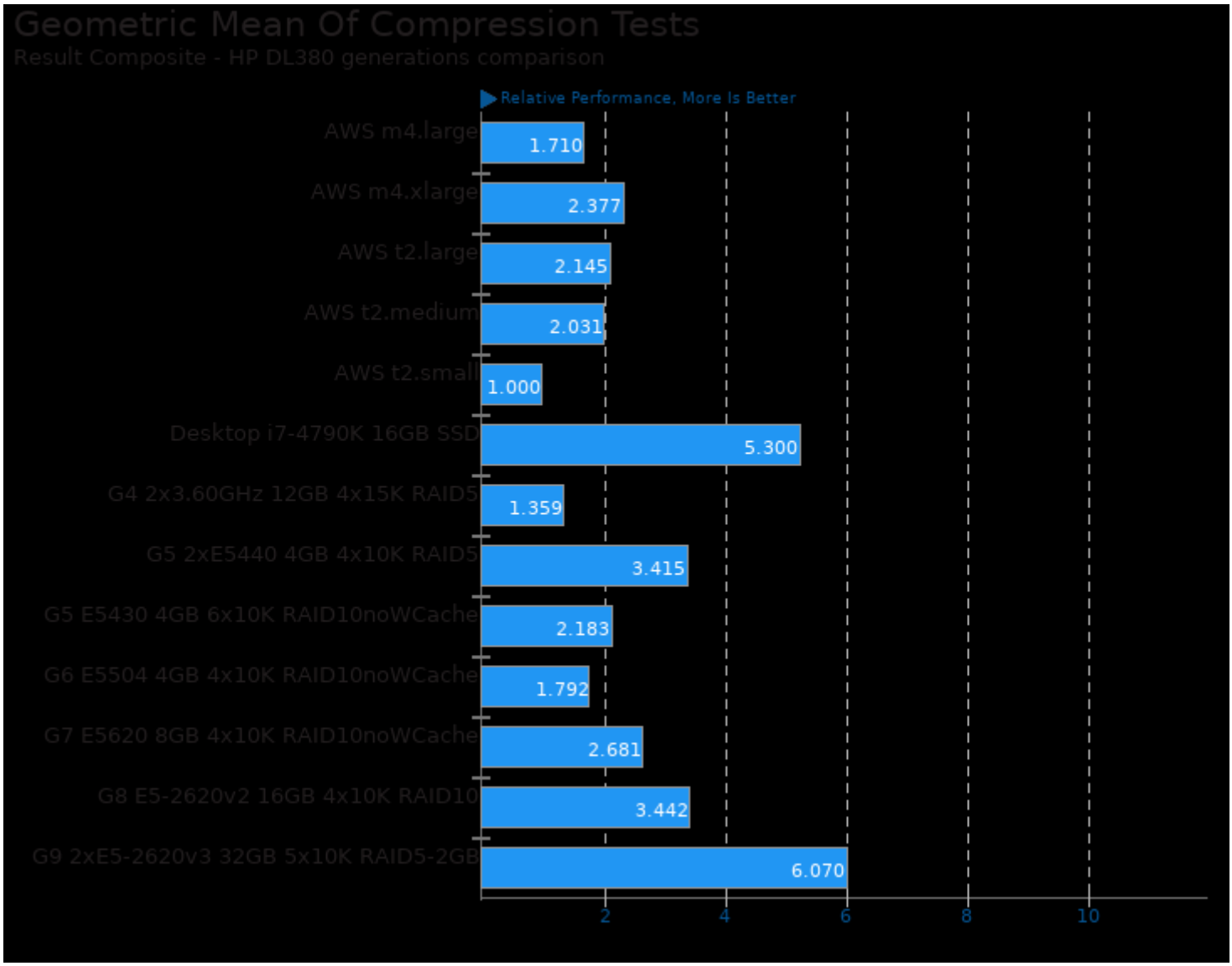
HP DL380 generations comparison

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



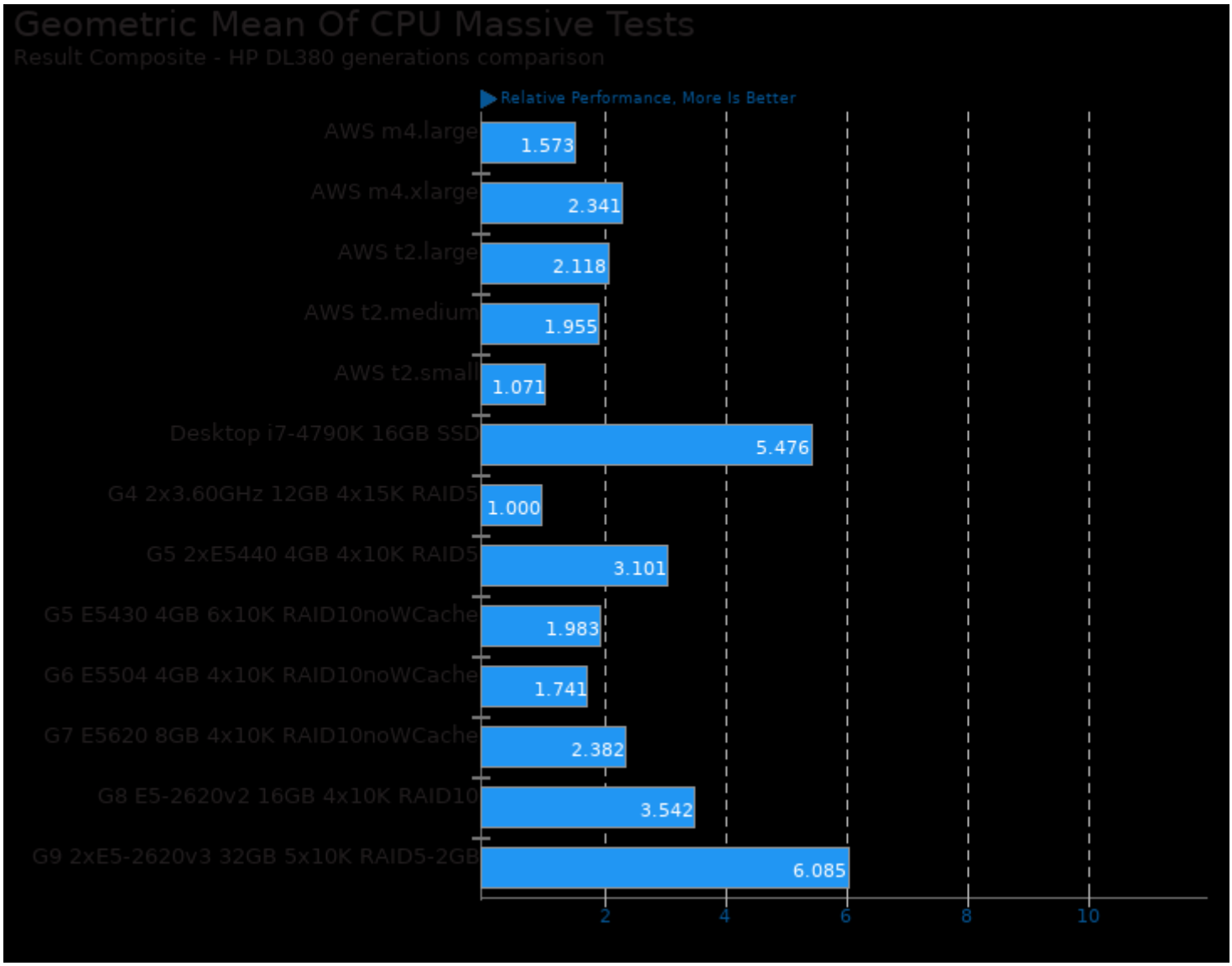
Geometric mean based upon tests: pts/build-php, pts/encode-mp3, pts/pgbench, pts/apache and pts/openssl

HP DL380 generations comparison



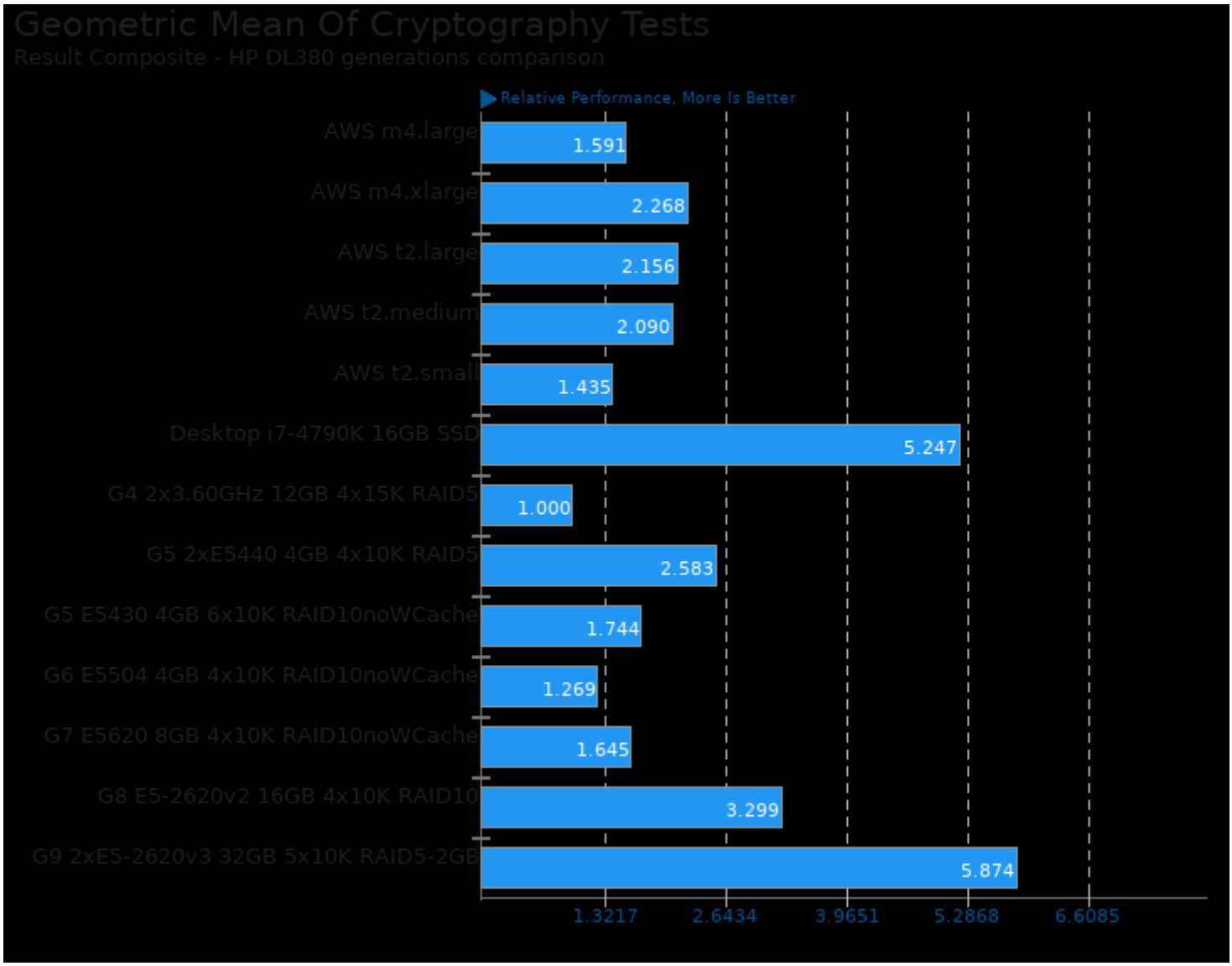
Geometric mean based upon tests: pts/compress-gzip, pts/compress-pbzip2 and pts/system-decompress-xz

HP DL380 generations comparison



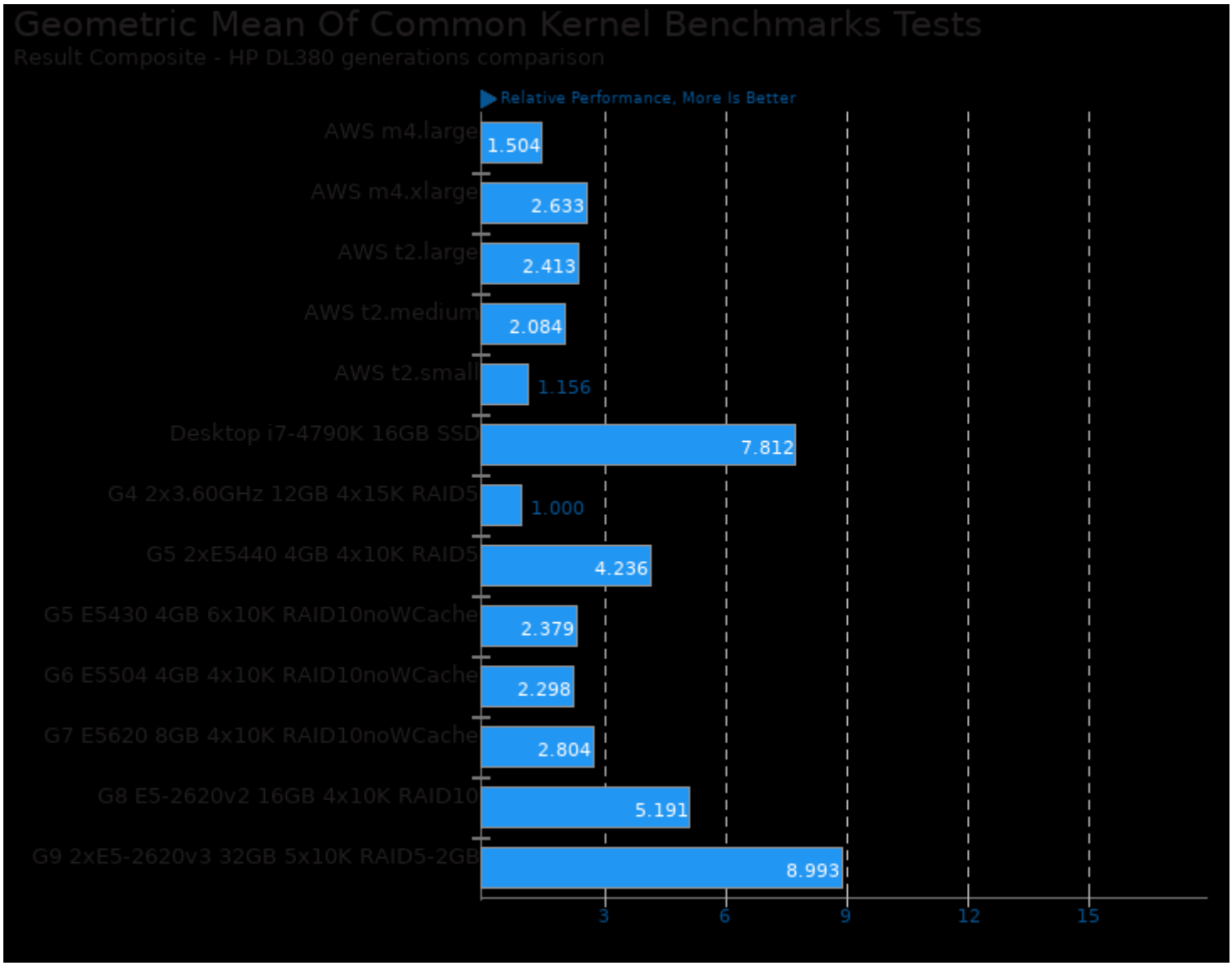
Geometric mean based upon tests: pts/apache, pts/build-php, pts/compress-pbzip2, pts/encode-mp3, pts/openssl, pts/pgbench and pts/phpbench

HP DL380 generations comparison



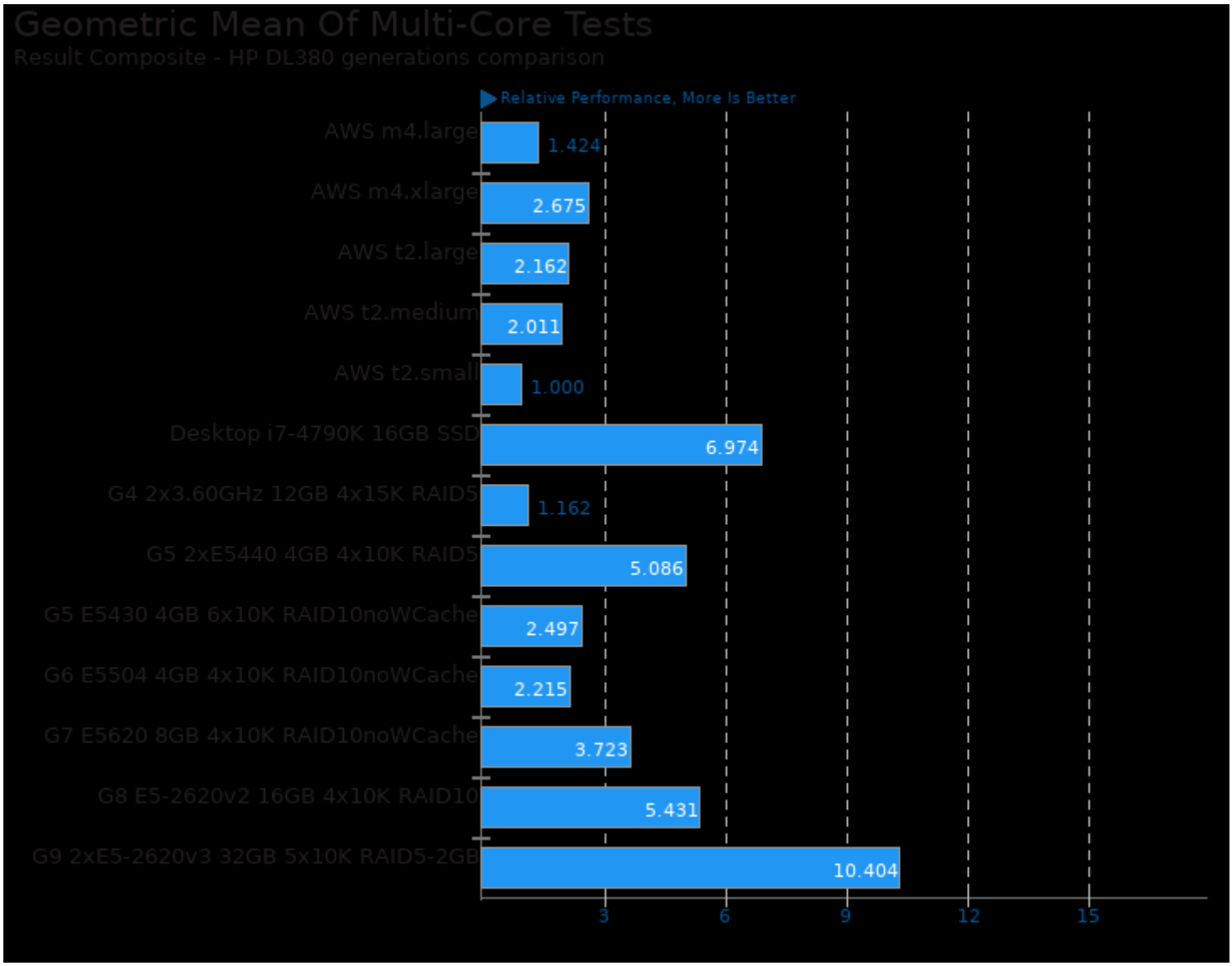
Geometric mean based upon tests: pts/gnupg and pts/openssl

HP DL380 generations comparison



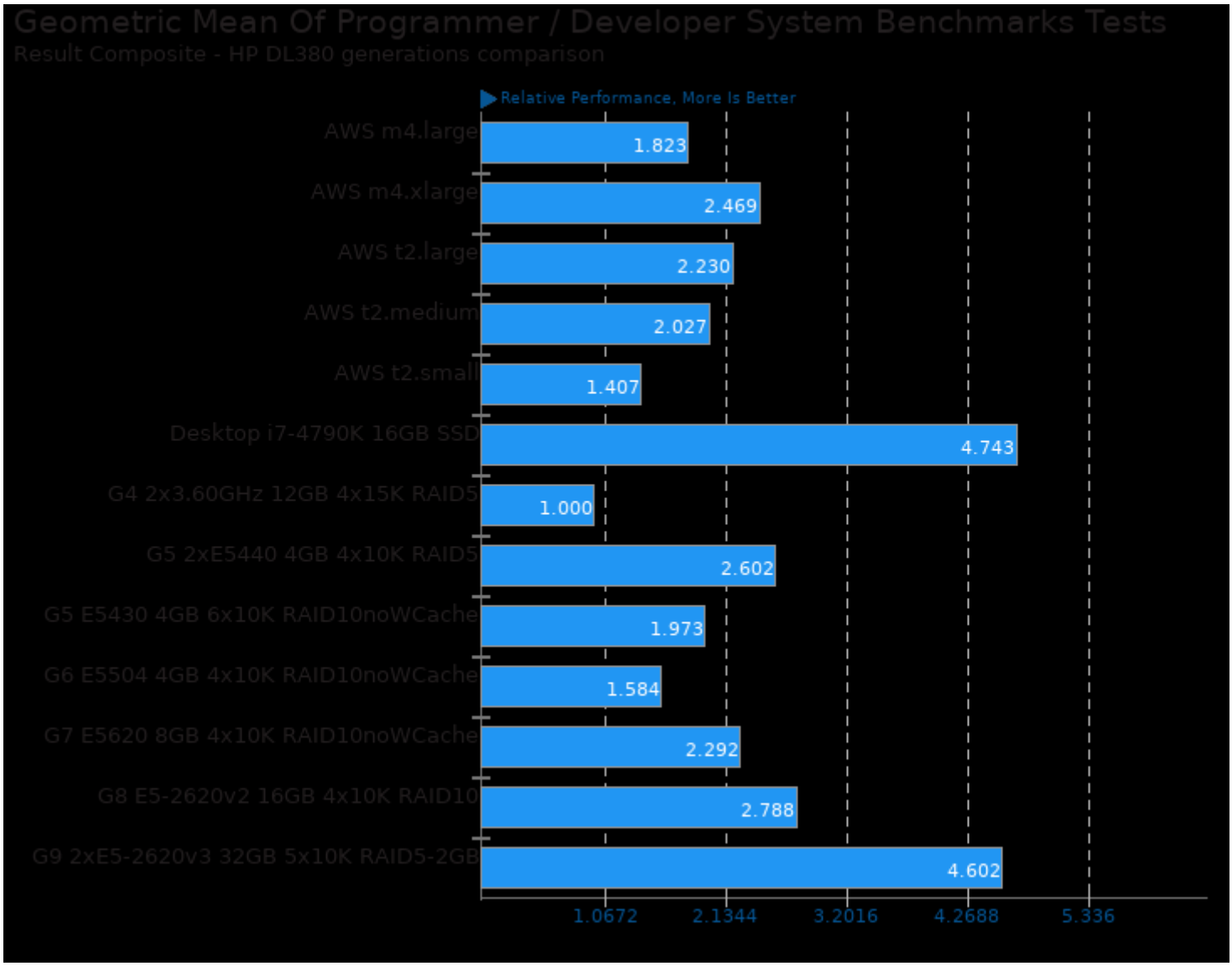
Geometric mean based upon tests: pts/apache, pts/pgbench and pts/openssl

HP DL380 generations comparison



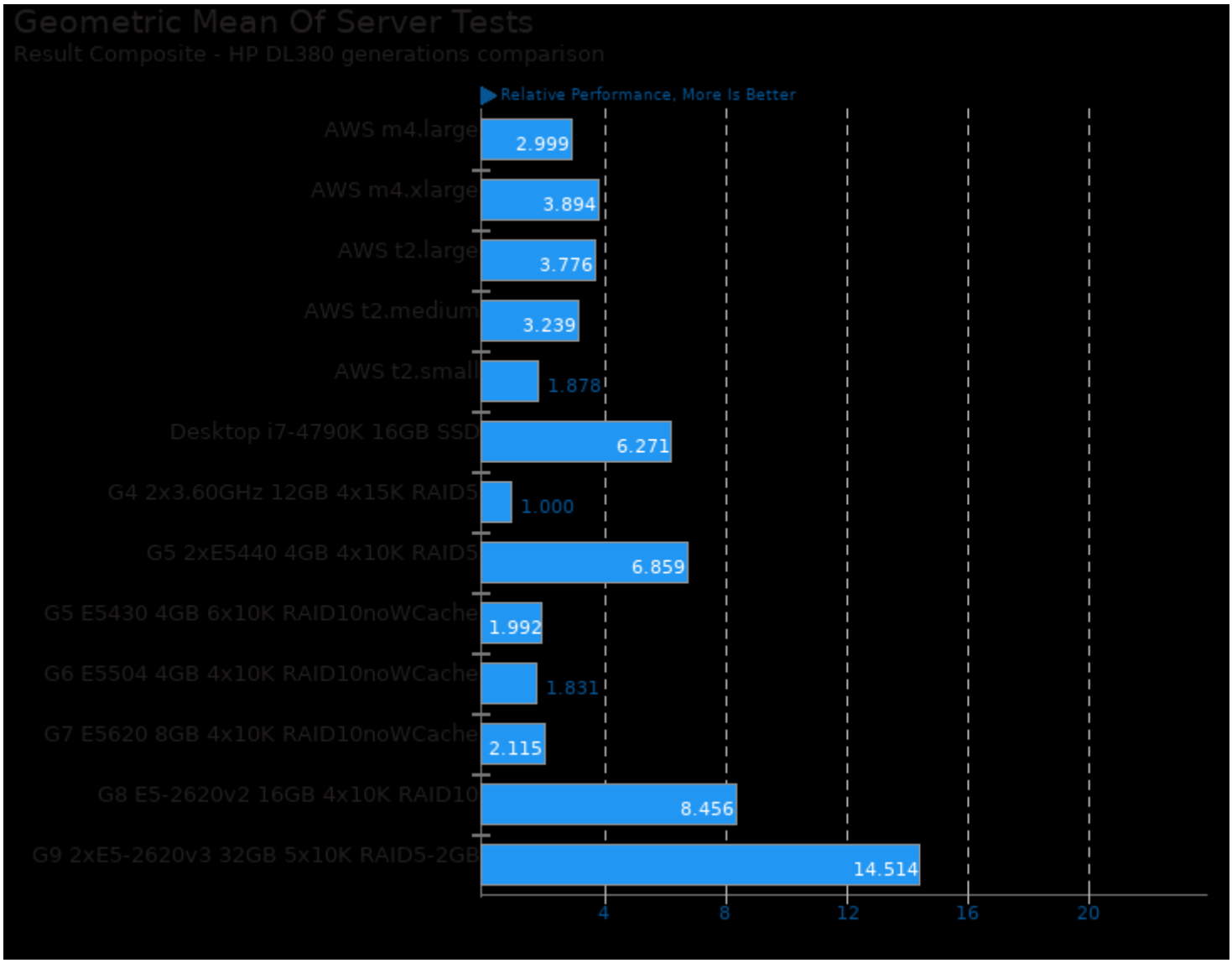
Geometric mean based upon tests: pts/compress-pbzip2, pts/build-php and pts/pgbench

HP DL380 generations comparison



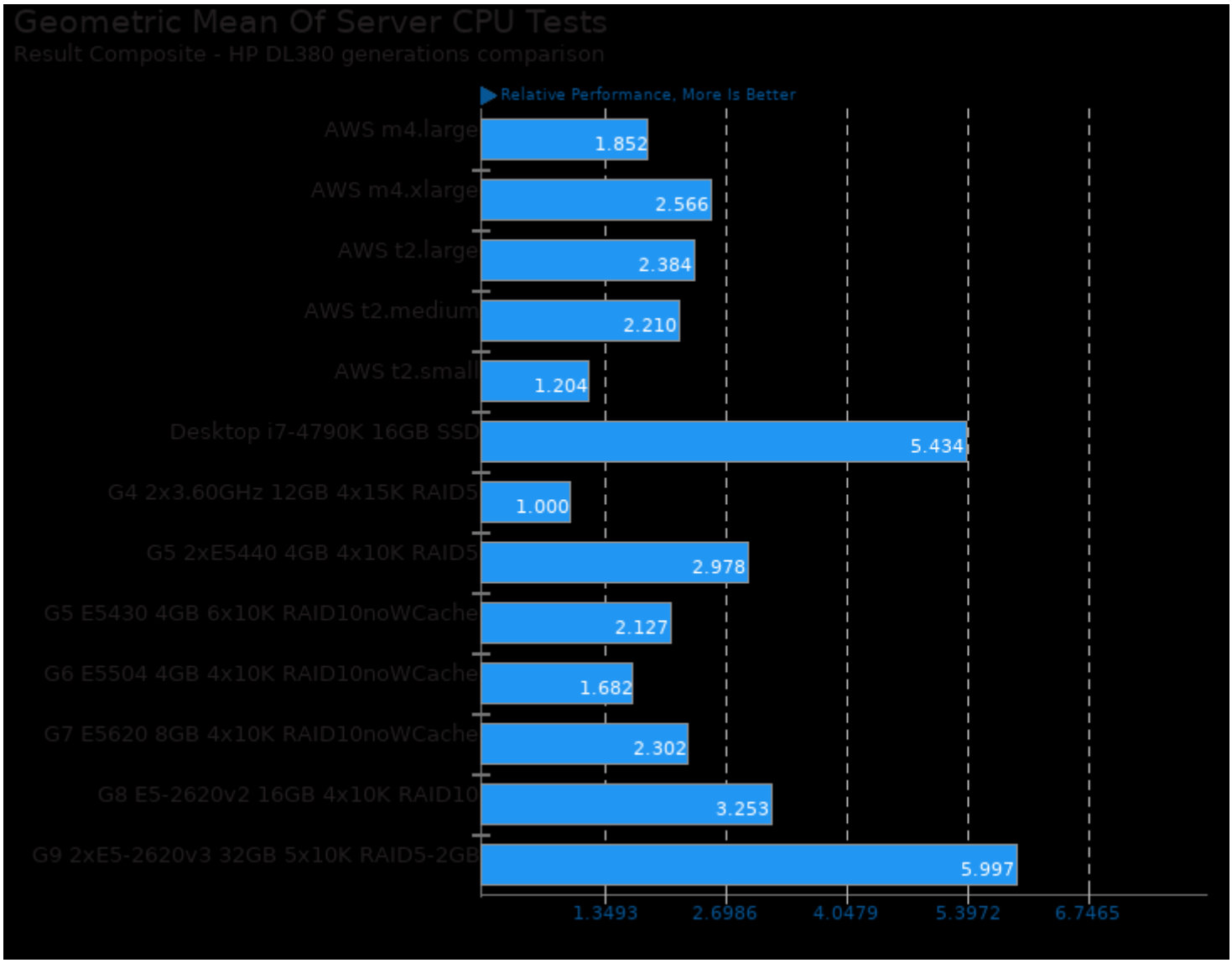
Geometric mean based upon tests: pts/pybench and pts/build-php

HP DL380 generations comparison



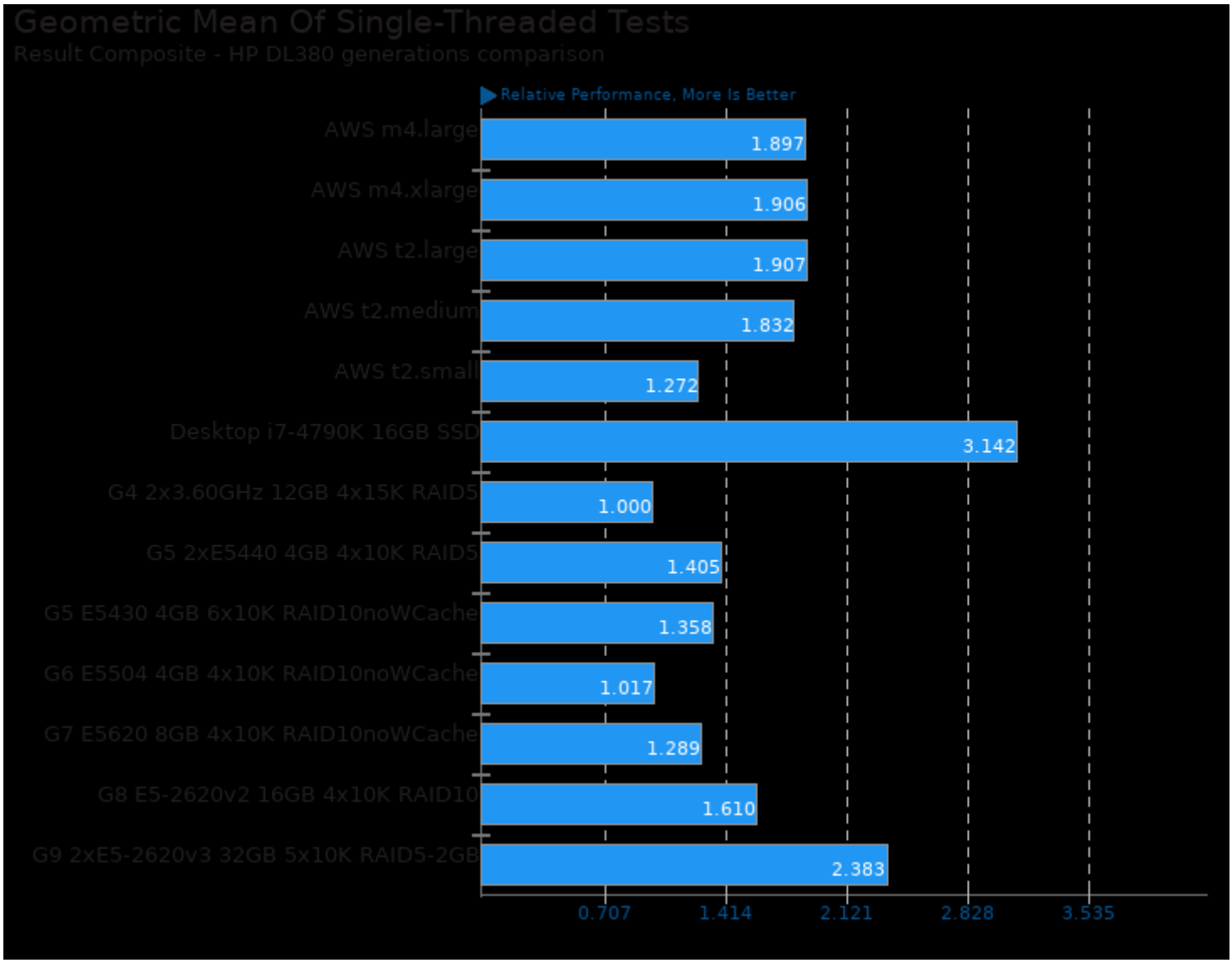
Geometric mean based upon tests: pts/apache, pts/pgbench, pts/phpbench, pts/openssl and pts/sqlite

HP DL380 generations comparison



Geometric mean based upon tests: pts/build-php, pts/openssl, pts/pybench and pts/phpbench

HP DL380 generations comparison



Geometric mean based upon tests: pts/compress-gzip, pts/encode-mp3, pts/gnupg, pts/pybench and pts/phpbench

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 13:15.