

www.phoronix-test-suite.com

500k Server Farm Extra Results

Extra test results for the fun of it.

Automated Executive Summary

Xeon E5-1680 v3 had the most wins, coming in first place for 50% of the tests.

Based on the geometric mean of all complete results, the fastest (Xeon E3-1245 v5) was 17.352x the speed of the slowest (Celeron N2820).

Test Systems:

2 x Xeon E5540

Processor: 2 x Intel Xeon E5540 @ 2.53GHz (16 Cores), Motherboard: SUN ASSY X4170, Chipset: Intel 5520 I/O + ICH10R, Memory: 18 x 2048 MB DDR3-800MHz Hyundai, Disk: 2 x 147GB Seagate ST914603SSUN146G + 6 x 300GB H106030SDSUN300G, Graphics: ASPEED ASPEED Family, Network: Intel 82575EB Gigabit Connection

OS: Ubuntu 15.04, Kernel: 4.4.0-999-generic (x86_64) 20151223, Compiler: GCC 4.9.2, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Xeon E5-1680 v3

Processor: Intel Xeon E5-1680 v3 @ 3.80GHz (16 Cores), Motherboard: ASUS X99-A, Chipset: Intel Xeon E5 v3/Core, Memory: 4 x 4096 MB 2400MHz, Disk: 120GB OCZ ARC100, Graphics: AMD FirePro V8800 2048MB (157/300MHz), Audio: Intel C610/X99, Network: Intel Connection

OS: Ubuntu 15.04, Kernel: 3.19.0-18-generic (x86_64), Compiler: GCC 6.0.0 20150723, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave
System Notes: Disk Scheduler: DEADLINE.

Xeon E3-1245 v5

Processor: Intel Xeon E3-1245 v5 @ 3.50GHz (8 Cores), Motherboard: Supermicro X11SAE-M v1.01, Chipset: Intel Sky Lake, Memory: 32768MB, Disk: 120GB Samsung SSD 850, Graphics: Intel Device 191d (1150MHz), Audio: Intel Sunrise Point-H HD Audio, Network: Intel Connection

OS: Clear Linux 5520, Kernel: 4.3.2-155 (x86_64), Display Server: X Server 1.17.2, Compiler: GCC 5.2.0, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-generic-linux --disable-multiarch --disable-multilib --enable-__cxa_atexit --enable-bootstrap --enable-clocale=gnu --enable-languages=c,c++,fortran,go --enable-ld=default --enable-libmpx --enable-libstdcxx-pch --enable-lto --enable-plugin --enable-shared --enable-threads=posix --exec-prefix=/usr --includedir=/usr/include --target=x86_64-generic-linux --with-arch=westmere --with-glibc-version=2.19 --with-gnu-ld --with-ppl=no --with-system-libunwind --with-tune=haswell
Disk Notes: CFQ / data=ordered,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq performance

A6-7400K

Processor: AMD A6-7400K Radeon R5 6 Compute Cores 2C+4G @ 3.50GHz (2 Cores), Motherboard: ASRock FM2A58M-VG3+ R2.0, Chipset: AMD Family 15h, Memory: 2 x 4096 MB DDR3-2132MHz Kingston, Disk: 120GB OCZ VECTOR150, Graphics: AMD Radeon R5 1024MB (351MHz), Audio: AMD FCH Azalia, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.04, Kernel: 3.19.0-15-generic (x86_64), Compiler: GCC 6.0.0 20150723, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

A8-3870

Processor: AMD A8-3870 APU @ 3.00GHz (4 Cores), Motherboard: Gigabyte GA-A75M-UD2H, Chipset: AMD Family

12h Root Complex, Memory: 2 x 2048 MB 1333MHz, Disk: 120GB INTEL SSDSC2BW12, Graphics: Gigabyte AMD Radeon HD 6550D 512MB (282MHz), Audio: AMD BeaverCreek HDMI Audio, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.04, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Unity 7.3.2, Display Server: X Server 1.17.1, Display Driver: radeon 7.5.0, Compiler: GCC 4.9.2, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
System Notes: Disk Scheduler: DEADLINE.

A10-5800K + HD 7850

Processor: AMD A10-5800K APU @ 3.80GHz (4 Cores), Motherboard: Gigabyte F2A68HM-H, Chipset: AMD Family 15h, Memory: 1 x 8192 MB DDR3-1866MHz, Disk: 240GB OCZ ARC100, Graphics: ASUS AMD Radeon HD 7850 1024MB (300/150MHz), Audio: Realtek ALC887-VD, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.04, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Unity 7.3.2, Display Server: X Server 1.17.1, Display Driver: radeon 7.6.99, Compiler: GCC 4.9.2, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

A10-7850K

Processor: AMD A10-7850K APU with Radeon R7 @ 3.70GHz (4 Cores), Motherboard: Gigabyte F2A88XM-D3H, Chipset: AMD Family 15h, Memory: 2 x 4096 MB DDR3-1333MHz, Disk: 120GB KINGSTON SV300S3, Graphics: AMD Radeon R7 1024MB (351MHz), Audio: AMD Kaveri HDMI/DP, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.10, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Unity, Display Server: X Server 1.17.2, Display Driver: radeon 7.5.99, OpenGL: 3.3 Mesa 11.0.2 Gallium 0.4, Compiler: GCC 5.2.1 20151010, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,ada,c++,java,go,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

A10-7870K

Processor: AMD A10-7870K Radeon R7 12 Compute Cores 4C+8G @ 3.90GHz (4 Cores), Motherboard: ASUS A88XM-E, Chipset: AMD Family 15h, Memory: 2 x 8192 MB DDR3-1333MHz, Disk: 250GB Samsung SSD 850, Graphics: ASUS AMD Radeon R7 1024MB (355MHz), Audio: AMD Kaveri HDMI/DP, Network: Realtek RTL8111/8168/8411

OS: Fedora 22, Kernel: 4.4.0-0.rc6.git0.1.fc24.x86_64 (x86_64) 20151221, Desktop: GNOME Shell 3.16.4, Display Server: X Server 1.17.4, Display Driver: radeon 7.5.0, OpenGL: 3.3 Mesa 10.6.9 (git-8957b69) Gallium 0.4, Compiler:

GCC 5.3.1 20151207, File-System: ext4, Screen Resolution: 1920x1080

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++,fortran,ada,go,lto --enable-libmpx --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-default-libstdcxx-abi=gcc4-compatible --with-isl --with-linker-hash-style=gnu --with-tune=generic
Disk Notes: CFQ / data=ordered,relatime,rw,seclabel
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
System Notes: Disk Scheduler: CFQ. SELinux: Enabled.

Athlon 5150

Processor: AMD Athlon 5150 APU with Radeon R3 @ 1.60GHz (4 Cores), Motherboard: Gigabyte AM1M-S2H, Chipset: AMD Family 16h Root Complex, Memory: 1 x 4096 MB DDR3-1600MHz, Disk: 250GB Seagate ST3250310AS, Graphics: Gigabyte AMD Radeon HD 8400 / R3 512MB (267MHz), Audio: AMD Kabini HDMI/DP, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.04, Kernel: 3.19.0-18-generic (x86_64), Compiler: GCC 6.0.0 20150723, File-System: btrfs, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Disk Notes: DEADLINE / relatime,rw,space_cache
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Athlon II X3 425

Processor: AMD Athlon II X3 425 @ 2.70GHz (3 Cores), Motherboard: ASRock 890FX Deluxe3, Chipset: AMD RD890 PCI-e GFX Hydra part, Memory: 2 x 2048 MB 667MHz Corsair CMX4GX3M2A1600C9, Disk: 150GB Western Digital WD1500HLHX-0, Graphics: Sapphire AMD Radeon HD 4650 512MB (165/250MHz), Audio: VIA VT2020, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.04, Kernel: 4.4.0-999-generic (x86_64) 20151223, Compiler: GCC 4.9.2, File-System: btrfs, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / relatime,rw,space_cache,subvol=/@,subvolid=257
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
System Notes: Disk Scheduler: DEADLINE.

E1-2100

Processor: AMD E1-2100 APU @ 1.00GHz (2 Cores), Motherboard: ECS KBN-I v1.0, Chipset: AMD Family 16h Root Complex, Memory: 2 x 2048 MB DDR3-1333MHz, Disk: 32GB OCZ CORE_SSD, Graphics: ECS AMD Radeon HD 8210 512MB (200MHz), Audio: AMD Device 9840, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.04, Kernel: 3.16.0-30-generic (x86_64), Compiler: GCC 4.2.1 + Clang 3.8.0-svn256360-1~exp1, File-System: ext4, Screen Resolution: 1024x768

Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

FX-8150

Processor: AMD FX-8150 Eight-Core @ 3.60GHz (8 Cores), Motherboard: ASUS M5A78L-M LX PLUS, Chipset: AMD

RS780 + SB7x0/SB8x0/SB9x0, Memory: 1 x 8192 MB 1600MHz, Disk: 120GB Samsung SSD 840, Graphics: AMD FirePro V5800 1024MB (157/300MHz), Audio: Realtek ALC887-VD, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.10, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Unity, Display Server: X Server 1.17.2, Display Driver: radeon 7.5.99, OpenGL: 3.3 Mesa 11.0.2 Gallium 0.4, Compiler: GCC 5.2.1 20151010, File-System: btrfs, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,ada,c++,java,go,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / relatime,rw,space_cache,ssd,subvol=/@,subvolid=257
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

FX-8350

Processor: AMD FX-8350 Eight-Core @ 4.00GHz (8 Cores), Motherboard: ASUS Crosshair V Formula, Chipset: AMD RD890 bridge, Memory: 2 x 4096 MB DDR3-2133MHz, Disk: 1000GB Western Digital WD10EARS-00M, Graphics: AMD FirePro V3800 512MB (157/200MHz), Audio: Realtek ALC889, Network: Intel 82583V Gigabit Connection

OS: Ubuntu 14.04, Kernel: 3.13.0-40-generic (x86_64), Compiler: GCC 4.2.1 + Clang 3.8.0-svn256360-1~exp1, File-System: ext4, Screen Resolution: 1024x768

Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

FX-8370

Processor: AMD FX-8370 Eight-Core @ 4.00GHz (8 Cores), Motherboard: ASRock 990FX Killer, Chipset: AMD RD890 bridge, Memory: 2 x 4096 MB DDR3-2400MHz, Disk: 120GB SPCC Solid State, Graphics: AMD FirePro V8700 1024MB (750/850MHz), Audio: Realtek ALC1150, Network: Qualcomm Atheros Killer E220x Gigabit

OS: Ubuntu 15.10, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Unity, Display Server: X Server 1.17.2, Display Driver: radeon 7.5.99, OpenGL: 3.3 Mesa 11.0.2 Gallium 0.4, Compiler: GCC 5.2.1 20151010, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,ada,c++,java,go,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

FX-8370E

Processor: AMD FX-8370E Eight-Core @ 3.30GHz (8 Cores), Motherboard: ASUS M5A99FX PRO R2.0, Chipset: AMD RD890 bridge, Memory: 2 x 4096 MB DDR3-1866MHz, Disk: 120GB Samsung SSD 850, Graphics: AMD FirePro V5900 2048MB (250/500MHz), Audio: AMD SBx00 Azalia, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.04, Kernel: 3.19.0-15-generic (x86_64), Compiler: GCC 6.0.0 20150723, File-System: btrfs, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Disk Notes: DEADLINE / relatime,rw,space_cache,ssd
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Sempron 3850

Processor: AMD Sempron 3850 APU with Radeon R3 @ 1.30GHz (4 Cores), Motherboard: ASUS AM1I-A, Chipset: AMD Family 16h Root Complex, Memory: 2 x 2048 MB DDR3-667MHz CMX4GX3M2A1600C9, Disk: 320GB Seagate ST3320620AS, Graphics: ASUS AMD Radeon HD 8280 / R3 512MB (267MHz), Audio: AMD Kabini HDMI/DP, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.10, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Xfce 4.10, Display Server: X Server 1.16.0, Display Driver: radeon 7.4.0, OpenGL: 3.3 Mesa 10.3.0 Gallium 0.4, Compiler: GCC 4.9.1, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Phenom II X3 710

Processor: AMD Phenom II X3 710 @ 2.60GHz (3 Cores), Motherboard: MSI 890GXM-G65 (MS-7642) v1.0, Chipset: AMD RS880, Memory: 2 x 8192 MB 667MHz, Disk: 250GB Seagate ST3250310AS, Graphics: MSI AMD Radeon HD 4290 320MB (500/667MHz), Audio: AMD SBx00 Azalia, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.04, Kernel: 3.19.0-15-generic (x86_64), Compiler: GCC 6.0.0 20150723, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Atom E3825

Processor: Intel Atom E3825 @ 1.33GHz (2 Cores), Motherboard: AMI Aptio CRB, Chipset: Intel ValleyView SSA-CUnit, Memory: 1 x 4096 MB DDR3-1066MHz Kingston, Disk: 32GB SATA Flash, Graphics: Intel ValleyView Gen7 (533MHz), Audio: Intel ValleyView HD Audio, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.04, Kernel: 3.16.0-33-generic (x86_64), Compiler: GCC 4.2.1 + Clang 3.8.0-svn256360-1~exp1, File-System: ext4, Screen Resolution: 1920x1080

Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave
System Notes: Disk Scheduler: DEADLINE.

Celeron N2820

Processor: Intel Celeron N2820 @ 2.13GHz (2 Cores), Motherboard: Intel DN2820FYK, Chipset: Intel ValleyView SSA-CUnit, Memory: 1 x 4096 MB DDR3-1600MHz, Disk: 1000GB HGST HTS721010A9, Graphics: Intel ValleyView Gen7 (749MHz), Audio: Realtek ALC283, Network: Realtek RTL8111/8168/8411 + Intel Wireless 7260

OS: Ubuntu 14.04, Kernel: 3.13.0-32-generic (x86_64), Compiler: GCC 4.2.1 + Clang 3.8.0-svn256360-1~exp1, File-System: ext4, Screen Resolution: 1024x768

Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw

500k Server Farm Extra Results

Core i3 2120

Processor: Intel Core i3-2120 @ 3.30GHz (4 Cores), Motherboard: BIOSTAR B75MU3B v5.0, Chipset: Intel 2nd Generation Core Family DRAM, Memory: 1 x 4096 MB DDR3-1333MHz, Disk: 1830GB, Graphics: Intel HD 2000 (1100MHz), Audio: Realtek ALC662 rev1, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.10, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Unity, Display Server: X Server 1.17.2, Display Driver: intel 2.99.917, OpenGL: 3.3 Mesa 11.0.2, Compiler: GCC 5.2.1 20151010, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,ada,c++,java,go,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave

Core i3 4130

Processor: Intel Core i3-4130 @ 3.40GHz (4 Cores), Motherboard: Intel DH87RL, Chipset: Intel 4th Gen Core DRAM, Memory: 2 x 1024 MB DDR3-1333MHz, Disk: 128GB TOSHIBA THNSNH12, Graphics: Intel Device 041e (1150MHz), Audio: Intel Xeon E3-1200 v3/4th, Network: Intel Connection I217-V

OS: Ubuntu 14.04, Kernel: 4.0.0-999-generic (x86_64) 20150310, Compiler: GCC 4.2.1 + Clang 3.8.0-svn256360-1~exp1, File-System: btrfs, Screen Resolution: 1024x768

Disk Notes: DEADLINE / relatime,rw,space_cache,ssd
Processor Notes: Scaling Governor: intel_pstate performance
System Notes: Disk Scheduler: DEADLINE.

Core i3 530 + HD 5750

Processor: Intel Core i3 530 @ 2.93GHz (4 Cores), Motherboard: ECS H57H-M v1.0, Chipset: Intel Core DRAM, Memory: 2 x 2048 MB SDRAM, Disk: 26GB, Graphics: AMD Radeon HD 5750 1024MB (157/300MHz), Audio: Realtek ALC892, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.10, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Xfce 4.10, Display Server: X Server 1.16.0, Display Driver: radeon 7.5.99, OpenGL: 3.3 Mesa 10.7.0-devel (git-2ca1f76 2015-07-23 utopic-oibaf-ppa) Gallium 0.4, Compiler: GCC 4.9.1, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Core i5 2400S

Processor: Intel Core i5-2400S @ 3.30GHz (4 Cores), Motherboard: ASRock Z68 Pro3, Chipset: Intel 2nd Generation Core Family DRAM, Memory: 2 x 2048 MB DDR3-1600MHz, Disk: 250GB SAMSUNG HD253GJ, Graphics: Intel Gen6 (1100MHz), Audio: Intel 6 /C200, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.04, Kernel: 3.19.0-15-generic (x86_64), Compiler: GCC 6.0.0 20150723, File-System: xfs, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Disk Notes: DEADLINE / attr2,inode64,noquota,relatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave

Core i5 2500K

Processor: Intel Core i5-2500K @ 3.70GHz (4 Cores), Motherboard: ASRock H61M-VG3, Chipset: Intel 2nd Generation Core Family DRAM, Memory: 2048MB, Disk: 1000GB Western Digital WD10EZRX-00A, Graphics: AMD FirePro V4900 1024MB (10000/150MHz), Audio: Realtek ALC662 rev1, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.04, Kernel: 4.1.0-999-generic (x86_64) 20150607, Compiler: GCC 4.2.1 + Clang 3.8.0-svn256360-1~exp1, File-System: ext4, Screen Resolution: 1024x768

Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave

Core i5 2500K + HD 4890

Processor: Intel Core i5-2500K @ 3.70GHz (4 Cores), Motherboard: SAPPHIRE Pure Black P67 Hydra, Chipset: Intel 2nd Generation Core Family DRAM, Memory: 2 x 2048 MB DDR3-1333MHz, Disk: 120GB INTEL SSDSC2BW12, Graphics: ASUS AMD Radeon HD 4890 1024MB (900/975MHz), Audio: Realtek ALC892, Network: Marvell 88E8057 PCI-E Gigabit

OS: Ubuntu 15.10, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Unity, Display Server: X Server 1.17.2, Display Driver: radeon 7.5.99, OpenGL: 3.3 Mesa 11.0.2 Gallium 0.4, Compiler: GCC 5.2.1 20151010, File-System: btrfs, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,ada,c++,java,go,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / relatime,rw,space_cache,ssd,subvol=/@,subvolid=257
Processor Notes: Scaling Governor: intel_pstate powersave
System Notes: Disk Scheduler: DEADLINE.

Core i5 3470

Processor: Intel Core i5-3470 @ 3.20GHz (4 Cores), Motherboard: ECS H61H2-I3 v1.0, Chipset: Intel Xeon E3-1200 v2/3rd, Memory: 1 x 4096 MB DDR3-1600MHz, Disk: 1000GB Western Digital WD10EZEX-00K, Graphics: Intel Gen7 (1100MHz), Audio: VIA VT1705, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.04, Kernel: 3.13.0-32-generic (x86_64), Compiler: GCC 4.2.1 + Clang 3.8.0-svn256360-1~exp1, File-System: ext4, Screen Resolution: 1024x768

Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Core i5 4670

Processor: Intel Core i5-4670 @ 3.80GHz (4 Cores), Motherboard: MSI B85M-P33 (MS-7817) v1.0, Chipset: Intel 4th Gen Core DRAM, Memory: 2 x 4096 MB DDR3-1600MHz CMY8GX3M2B2133C9, Disk: 63GB SanDisk SDSSDP06, Graphics: Intel HD 4600 (1200MHz), Audio: Intel Xeon E3-1200 v3/4th, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.10, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Unity, Display Server: X Server 1.17.2, Display Driver: intel 2.99.917, OpenGL: 3.3 Mesa 11.0.2, Compiler: GCC 5.2.1 20151010, File-System: ext4, Screen

Resolution: 1024x768

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,ada,c++,java,go,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave

Core i7 3770K

Processor: Intel Core i7-3770K @ 3.90GHz (8 Cores), Motherboard: ECS Z77H2-A2X v1.0, Chipset: Intel Xeon E3-1200 v2/3rd, Memory: 8192MB, Disk: 160GB INTEL SSDSA2M160, Graphics: Intel HD 4000 (1150MHz), Audio: Realtek ALC892, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.04, Kernel: 4.1.0-999-generic (x86_64) 20150525, Desktop: Unity 7.3.2, Display Server: X Server 1.17.1, Display Driver: intel 2.99.917, Compiler: GCC 6.0.0 20150723, File-System: btrfs, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Disk Notes: DEADLINE / relatime,rw,space_cache,ssd
Processor Notes: Scaling Governor: intel_pstate powersave

Core i7 3960X + HD 6770

Processor: Intel Core i7-3960X @ 1.30GHz (12 Cores), Motherboard: Intel DX79SI, Chipset: Intel Xeon E5/Core, Memory: 2 x 4096 MB DDR3-1600MHz, Disk: 500GB Western Digital WD5000AAKX-0, Graphics: Sapphire AMD Radeon HD 6770 1024MB (157/300MHz), Audio: Realtek ALC892, Network: Intel 82579LM Gigabit Connection

OS: Ubuntu 15.04, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Unity 7.3.2, Display Server: X Server 1.17.1, Display Driver: radeon 7.6.99, Compiler: GCC 4.9.2, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave

Core i7 4600U

Processor: Intel Core i7-4600U @ 3.30GHz (4 Cores), Motherboard: CompuLab Intense-PC2 (IPC2), Chipset: Intel Haswell-ULT DRAM, Memory: 2 x 4096 MB DDR3-1600MHz, Disk: 120GB Micron_M500_MTFD, Graphics: Intel Haswell-ULT IGP (1100MHz), Audio: Intel Haswell-ULT HD Audio, Network: Intel Connection I218-LM + Intel Wireless 7260

OS: Ubuntu 14.10, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Xfce 4.10, Display Server: X Server 1.16.0, Display Driver: intel 2.99.917, OpenGL: 3.2 Mesa 10.7.0-devel (git-2ca1f76 2015-07-23 utopic-oibaf-ppa), Compiler: GCC 4.9.1, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave

500k Server Farm Extra Results

Core i7 4770K

Processor: Intel Core i7-4770K @ 3.90GHz (8 Cores), Motherboard: Gigabyte Z97-HD3, Chipset: Intel 4th Gen Core DRAM, Memory: 2 x 4096 MB DDR3-1600MHz Kingston, Disk: 128GB Crucial_CT128MX1, Graphics: Intel HD 4600 (1250MHz), Audio: Intel Xeon E3-1200 v3/4th, Monitor: G237HL, Network: Realtek RTL8111/8168/8411

OS: Fedora 22, Kernel: 4.4.0-0.rc6.git0.1.fc24.x86_64 (x86_64) 20151221, Desktop: GNOME Shell 3.16.4, Display Server: X Server 1.17.4, Display Driver: intel 2.99.917, OpenGL: 3.3 Mesa 10.6.9 (git-8957b69), Compiler: GCC 5.3.1 20151207, File-System: btrfs, Screen Resolution: 1920x1080

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++,fortran,ada,go,lto --enable-libmpx --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-default-libstdcxx-abi=gcc4-compatible --with-isl --with-linker-hash-style=gnu --with-tune=generic
Disk Notes: CFQ / relatime,rw,seclabel,space_cache,ssd,subvol=/root,subvolid=257
Processor Notes: Scaling Governor: intel_pstate powersave
System Notes: Disk Scheduler: CFQ. SELinux: Enabled.

Core i7 5775C

Processor: Intel Core i7-5775C @ 3.70GHz (8 Cores), Motherboard: MSI Z97-G45 GAMING (MS-7821) v1.0, Chipset: Intel Broadwell-U- DMI, Memory: 2 x 8192 MB DDR3-65535MHz, Disk: 120GB CT120BX100SSD1, Graphics: Intel Broadwell-U (1150MHz), Audio: Intel Broadwell-U Audio, Network: Qualcomm Atheros Killer E220x Gigabit

OS: Ubuntu 15.10, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Unity, Display Server: X Server 1.17.2, Display Driver: intel 2.99.917, OpenGL: 3.3 Mesa 11.1.0-devel (padoka PPA), Compiler: GCC 5.2.1 20151010, File-System: btrfs, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,ada,c++,java,go,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / relatime,rw,space_cache,ssd,subvol=/@,subvolid=257
Processor Notes: Scaling Governor: intel_pstate powersave

Core i7 5960X Haswell-E

Processor: Intel Core i7-5960X @ 3.50GHz (16 Cores), Motherboard: ASRock X99 Extreme3, Chipset: Intel Xeon E5 v3/Core, Memory: 4 x 4096 MB 2400MHz, Disk: 256GB CORSAIR FORCE LX, Graphics: NVIDIA GeForce GTX 770 2048MB, Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 14.10, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Xfce 4.10, Display Server: X Server 1.16.0, Display Driver: nouveau 1.0.11, OpenGL: 3.3 Mesa 10.3.0 Gallium 0.4, Compiler: GCC 4.9.1, File-System: btrfs, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / relatime,rw,space_cache,ssd,subvol=/@,subvolid=257
Processor Notes: Scaling Governor: intel_pstate powersave

Opteron 2384

Processor: AMD Opteron 2384 @ 2.70GHz (4 Cores), Motherboard: TYAN S2927/S2927-E, Chipset: NVIDIA MCP55, Memory: 4 x 1024 MB DDR2-667MHz, Disk: 300GB Seagate ST3300622AS, Graphics: Sapphire AMD Radeon HD 5000/6000/7350/8350 512MB (157/200MHz), Audio: AMD Cedar HDMI Audio

OS: Ubuntu 15.04, Kernel: 3.19.0-10-generic (x86_64), Compiler: GCC 4.2.1 + Clang 3.8.0-svn256360-1~exp1, File-System: ext4, Screen Resolution: 1024x768

Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
System Notes: Disk Scheduler: DEADLINE.

Pentium G3258

Processor: Intel Pentium G3258 @ 3.20GHz (2 Cores), Motherboard: Gigabyte H97M-D3H, Chipset: Intel 4th Gen Core DRAM, Memory: 2 x 4096 MB DDR3-1400MHz CMY8GX3M2A2400C11, Disk: 250GB SAMSUNG HD253GJ, Graphics: Intel HD (1100MHz), Audio: Intel Xeon E3-1200 v3/4th, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.10, Kernel: 4.4.0-999-generic (x86_64) 20151223, Desktop: Unity, Display Server: X Server 1.17.2, Display Driver: intel 2.99.917, OpenGL: 3.3 Mesa 11.2.0-devel (git-41c7912 2015-12-24 wily-oibaf-ppa), Compiler: GCC 5.2.1 20151010, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,ada,c++,java,go,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave

Pentium G4400

Processor: Intel Pentium G4400 @ 3.30GHz (2 Cores), Motherboard: Gigabyte H110M-A-CF, Chipset: Intel Sky Lake, Memory: 8192MB, Disk: 120GB Samsung SSD 850, Graphics: Intel Device 1902 (1000MHz), Audio: Intel Sunrise Point-H HD Audio, Network: Realtek RTL8111/8168/8411

OS: Clear Linux 5520, Kernel: 4.3.2-155 (x86_64), Compiler: GCC 5.2.0, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-generic-linux --disable-multiarch --disable-multilib --enable-__cxa_atexit --enable-bootstrap --enable-clocale=gnu --enable-languages=c,c++,fortran,go --enable-ld=default --enable-libmpx --enable-libstdcxx-pch --enable-lto --enable-plugin --enable-shared --enable-threads=posix --exec-prefix=/usr --includedir=/usr/include --target=x86_64-generic-linux --with-arch=westmere --with-glibc-version=2.19 --with-gnu-ld --with-ppl=no --with-system-libunwind --with-tune=haswell
Disk Notes: CFQ / data=ordered,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq performance
System Notes: Disk Scheduler: CFQ.

500k Server Farm Extra Results

	2 x Xeon E5 5400	Xeon E5-1680 v3	Xeon E3-1245 v5	A6-7400K	A8-3870	A10-5800K + HD 7850	A10-7850K	A10-7870K	Athlon 5150	Athlon II X3 425	E1-2100	FX-8150	FX-8350	FX-8370	FX-8370E	Sempron 3850	Phenom II X3 710	Atom E3825	Celeron N2820	Core i3 2120	Core i3 4130	Core i3 5300 + HD 5750	Core i5 2400S	Core i5 2500K	Core i5 2500K + HD 4890	Core i5 3470	Core i5 4670	Core i7 3770K	Core i7 3960X + HD 6770	Core i7 4600U	Core i7 4770K	Core i7 5775C	Core i7 5960X Haswell-	Opteron 2384	Pentium G3258	Pentium G4400
SQLite - D.T.D (sec)	2 6 2.8 4	1 2 5.1 8	2 6.4 8	9 2.6 9	3 2 5.2 1	1 3 8.8 3	9 5.8 4	2 2.1 5	1 0 9 0	5 9 0.7 4	9 7.0 7	2 7 3.0 4	7 4 9.6 7	5 5.8 0	6 1.2 7	4 4 2.0 6	4 6 2.8 4	1 3 7.5 7	4 6 8.3 6	6 3 6.8 0	7 5 3.6 4	1 3 4.2 4	8 5 5.4 5	3 3 2.1 3	6 2 6.6 9	4 0 8.8 9	4 3 0.6	2 4 6.4	6 4 7.1 1	1 4 1.1 7	3 1 3.3	9 6 6.1	1 2 8.1 3	3 6 1.5 2	5 0 9.6 3	2 6.3 1
Normalized	8.43%	17.69%	83.65%	23.9%	6.81%	15.95%	23.1%	10.0%	2.03%	3.75%	22.8%	8.11%	2.95%	39.7%	36.1%	4.99%	4.79%	16.1%	4.73%	3.48%	29.2%	16.5%	2.59%	6.67%	3.53%	5.42%	51.4%	89.9%	3.42%	15.6%	6.1%	23.0%	17.2%	6.13%	4.35%	84.1%
Standard Deviation	10.9%	0.36%	1.61%	0.1%	0.7%	0.43%	0.3%	0.3%	1.9%	1.4%	0.3%	11.6%	7.6%	0.6%	1.3%	4.3%	12.6%	0.1%	2.6%	7.8%	2.7%	7.6%	0.9%	0.2%	1.6%	5.9%	4.5%	0.5%	11.6%	0.2%	3.2%	1.1%	1%	0.2%	9.1%	0.3%
x264 - H.2.V.E (FPS)	1 7 4.6 2	3 4 5.2 3		4 3.1 2	6 6.1 0	8 3.3 4	8 9.4 8	9 6.0 8	3 0.9 7	4 9.4 2	1 0.0 7	1 3 9.1 1	1 5 3.0 7	1 6 0.8 4	1 3 9.8 6	2 5.6 2	4 6.9 7	9.21	1 5.5 6	6 8.5 1	7 7.9 9	5 4.6 2	8 2.6	1 0.3 5	1 0 6.5 3	1 1 3.6 5	1 4 6.0 3	1 5 9.7 0	2 0.3 3	8 2.6	1 8 7.7	1 9 6.4 7	2 9 6.3	5 9.4	6 6.9 4
Normalized	50.58%	10.0%		12.4%	19.1%	24.1%	25.9%	28.0%	8.97%	14.3%	2.92%	40.2%	44.3%	46.5%	40.5%	7.42%	13.6%	2.67%	4.51%	19.8%	22.5%	15.8%	24.0%	29.9%	30.8%	32.9%	42.3%	46.2%	58.1%	23.9%	54.8%	56.2%	84.2%	17.2%	19.3%
Standard Deviation	5.5%	4.3%		0.8%	1%	0.5%	1.4%	0.9%	0.5%	0.9%	0.6%	1.1%	3%	1.1%	1.2%	0.7%	1.7%	1.5%	0.3%	5.2%	0.7%	0.6%	1.5%	2.2%	0.9%	1.5%	1.5%	1.9%	3.3%	0.3%	0.6%	0.6%	3.2%	0.6%	0.7%

500k Server Farm Extra Results

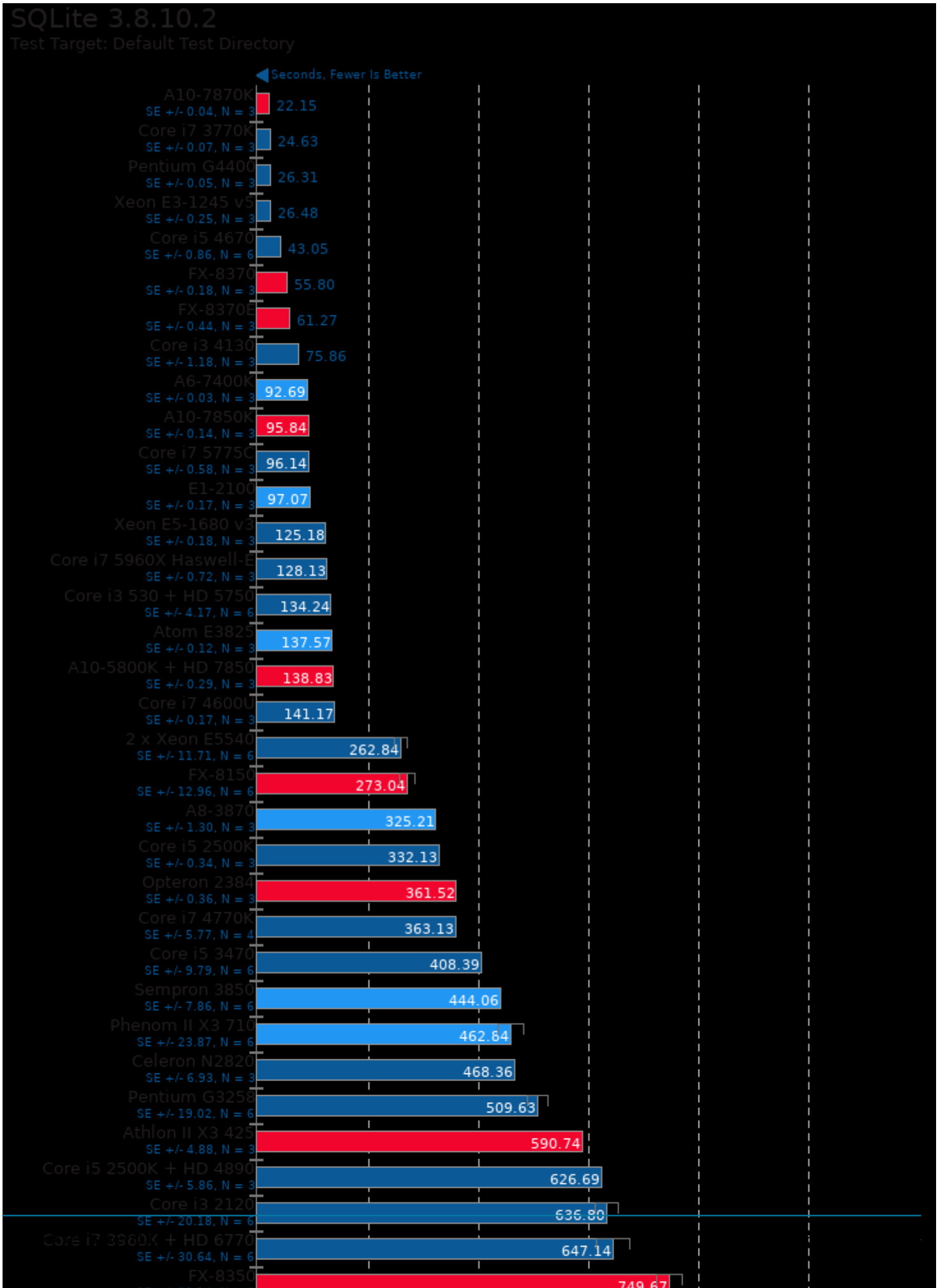
| | | |

500k Server Farm Extra Results

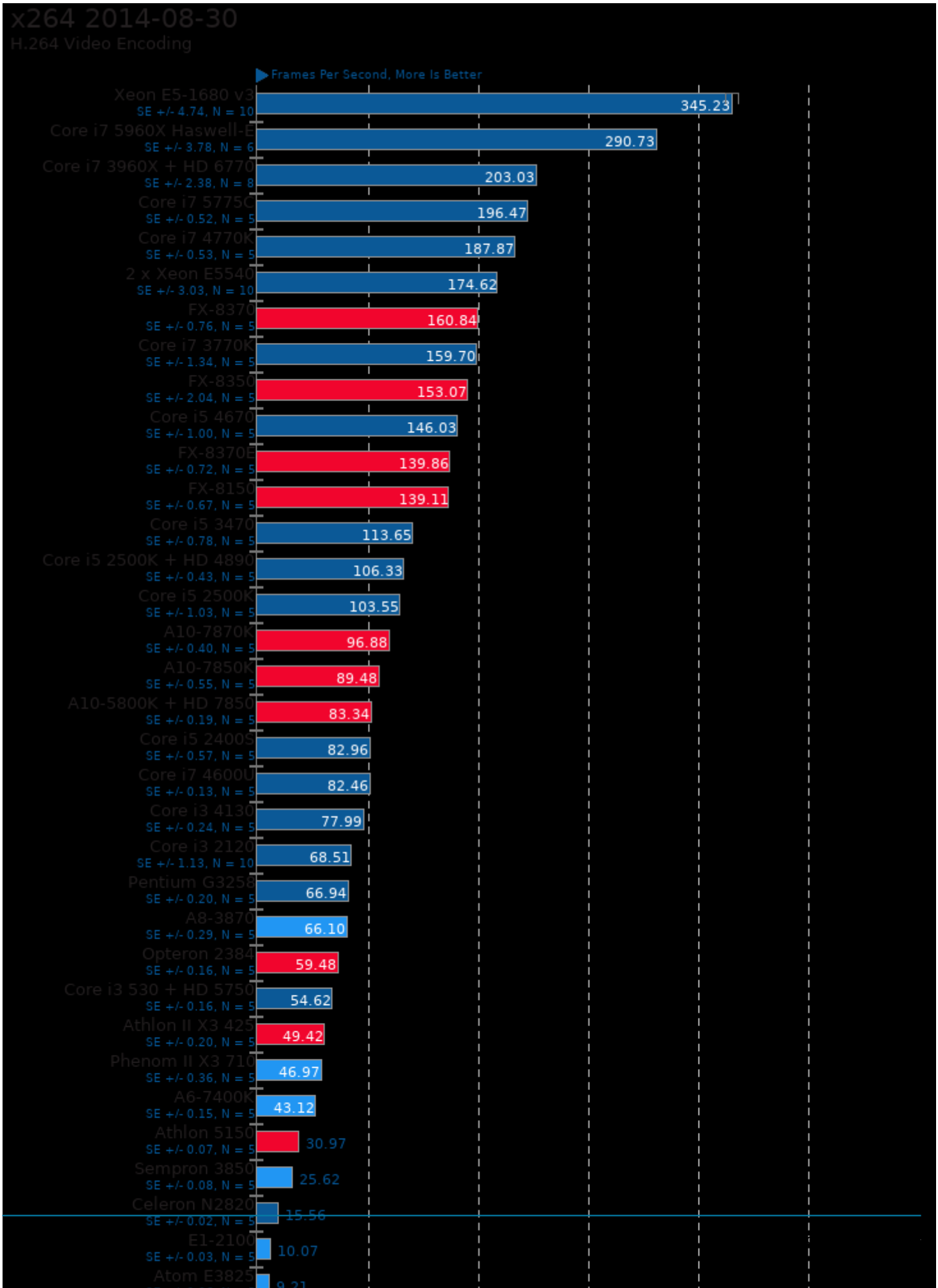
Standard Deviation	0.5 %				1.6 %	3.4 %	4.6 %	3.2 %		1.2 %	1.6 %	0.4 %	1.2 %	3.3 %		1.1 %		0.4 %	1 %	3 %	1.4 %	0.4 %		0.5 %	0.4 %	2.3 %	0.7 %		10.3 %	2.6 %	6.3 %	0.7 %	0.8 %	0.7 %	1.1 %	
Ope nSS L - R.4.b .P (Signs/sec	5 0 4. 0 7	1 2 5 1	6 7 1. 7 3	1 5 2. 6 3	3 2 8. 2 8	3 0 5. 6 3	3 1 1. 3 7	3 4 0. 6 0	1 2 6. 7 3	2 3 5. 3 0	3 9. 5	6 1 0. 8 7	6 9 7. 2 3	6 9 4. 3 3	5 8 0. 8 7	1 0 2. 8 0	2 2 5. 5 7	3 0. 1 0	4 7. 9 3	2 3 3. 0	2 8 2. 5 7	1 3 7. 6 6	3 2 3. 6 6	4 1 0. 1 7	4 2 4. 1 0	4 5 2. 6 0	5 4 7. 9 7	5 5 1. 3 3	7 5 7. 8 7	2 4 7. 3 3	6 1 7. 0 0	6 8 7. 4 7	1 0 7 8	3 1 2. 4 7	2 4 3. 4 0	2 8 1. 7 0
Normalized	40.29 %	10.0 %	53.69 %	12.2 %	26.24 %	24.43 %	24.89 %	27.22 %	10.13 %	18.81 %	3.16 %	48.82 %	55.73 %	55.49 %	46.43 %	8.22 %	18.03	2.41 %	3.83 %	18.62 %	22.58 %	11.28	25.87 %	32.78 %	33.89 %	36.91 %	43.82 %	44.07 %	60.57 %	19.72 %	49.43 %	54.39 %	86.37 %	24.91 %	19.47 %	22.51 %
Standard Deviation	0.1 %	1 %	0.1 %	0.4 %	3.3 %	11.3 %	2 %	0.6 %	0 %	0.1 %	0.3 %	0 %	0.2 %	0.1 %	0.3 %	0.1 %	0 %	0 %	0.8 %	0.1 %	0.1 %	0.1 %	0.1 %	0 %	0.2 %	0.1 %	0.3 %	0.3 %	0 %	0.1 %	0 %	0 %	0.5 %	0 %	0.5 %	0.2 %	

500k Server Farm Extra Results

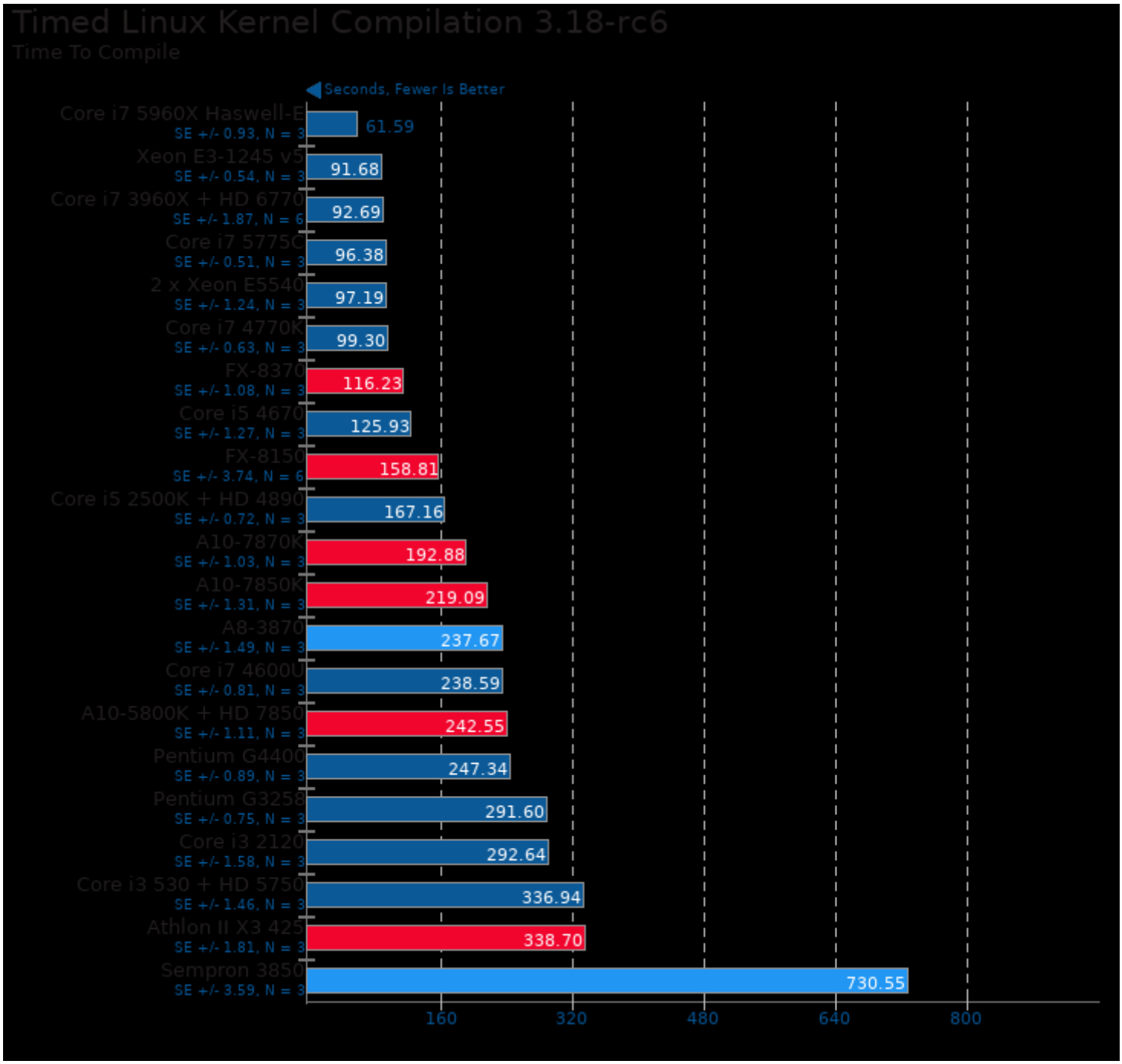
500k Server Farm Extra Results



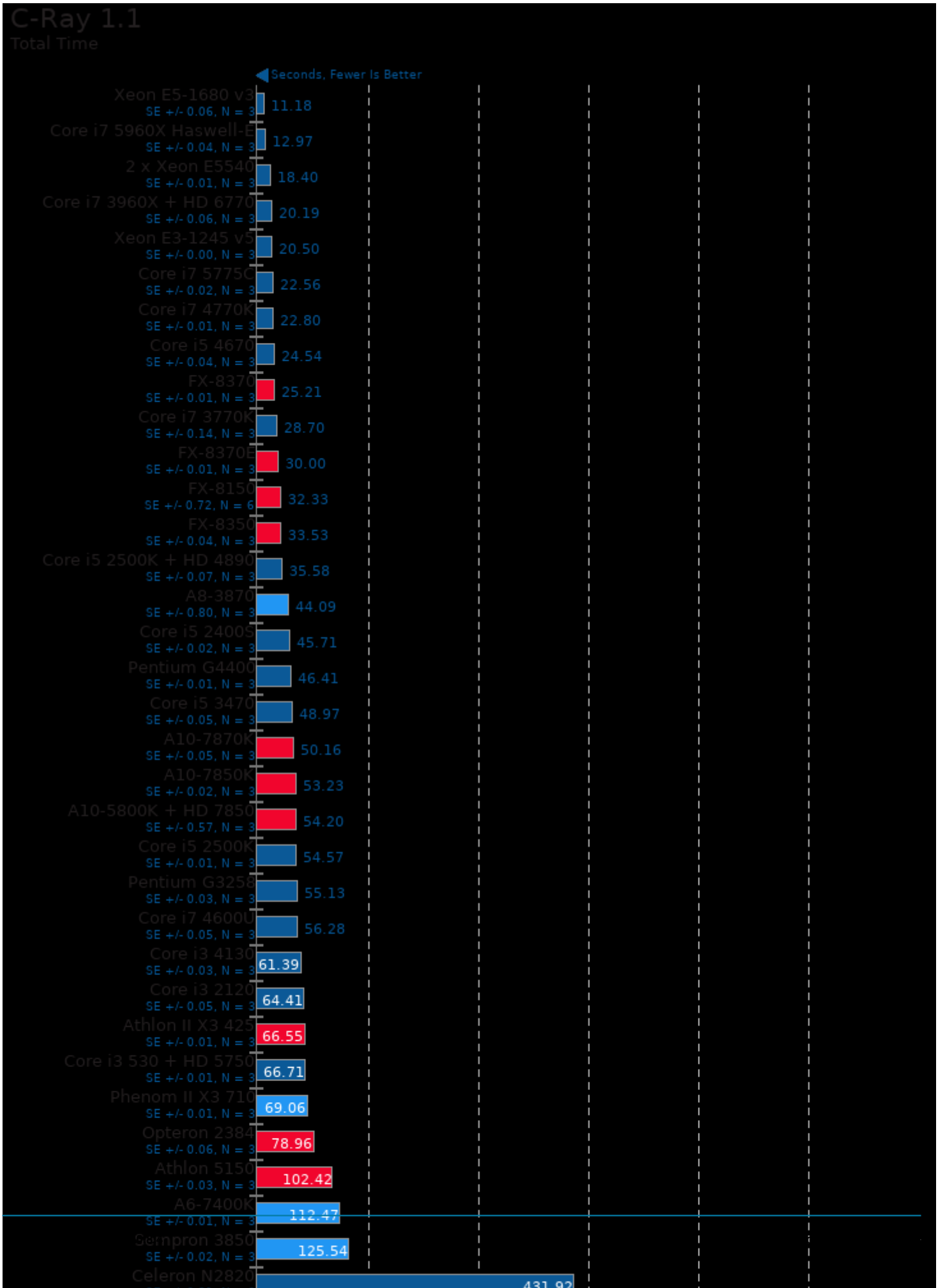
500k Server Farm Extra Results



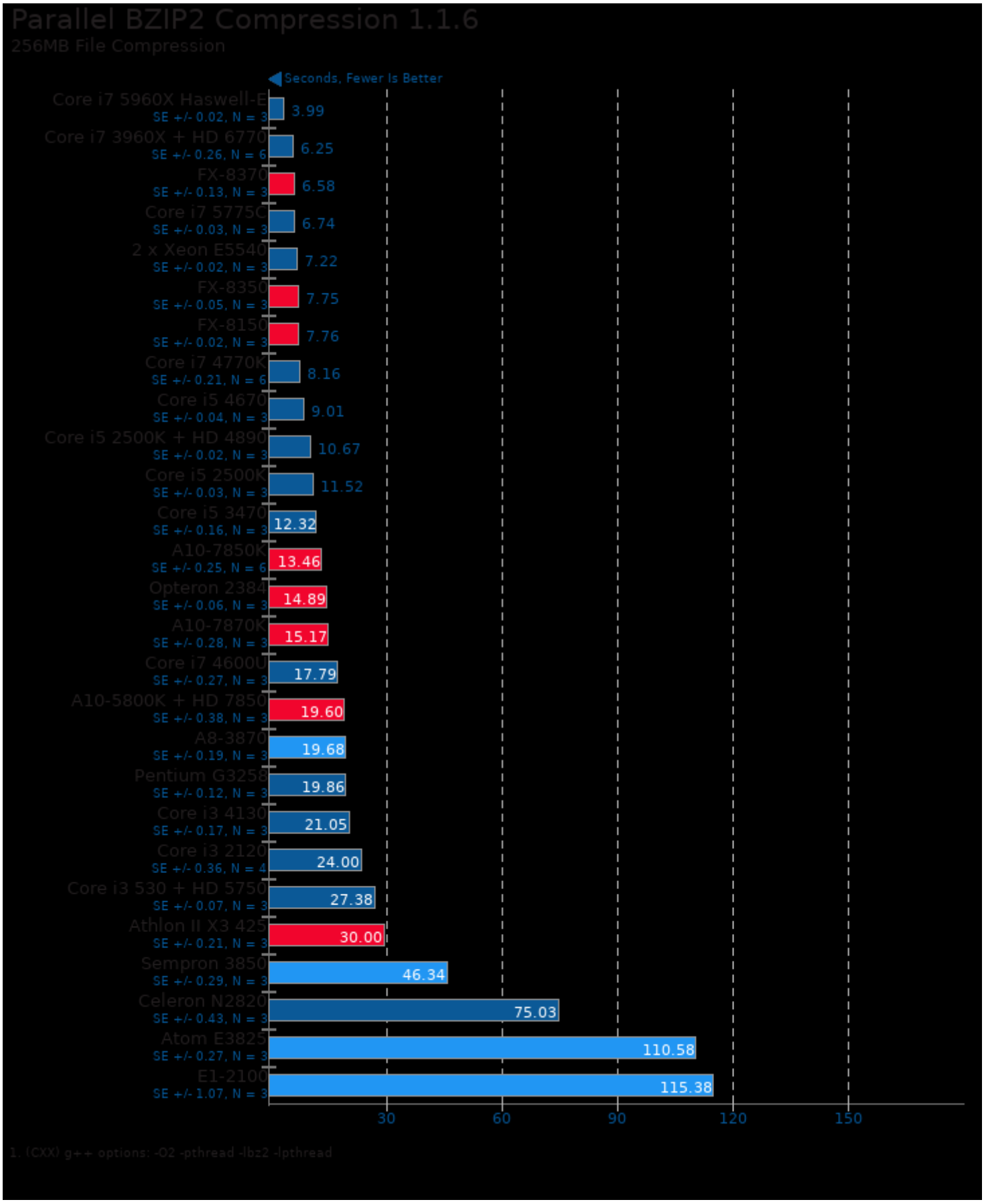
500k Server Farm Extra Results



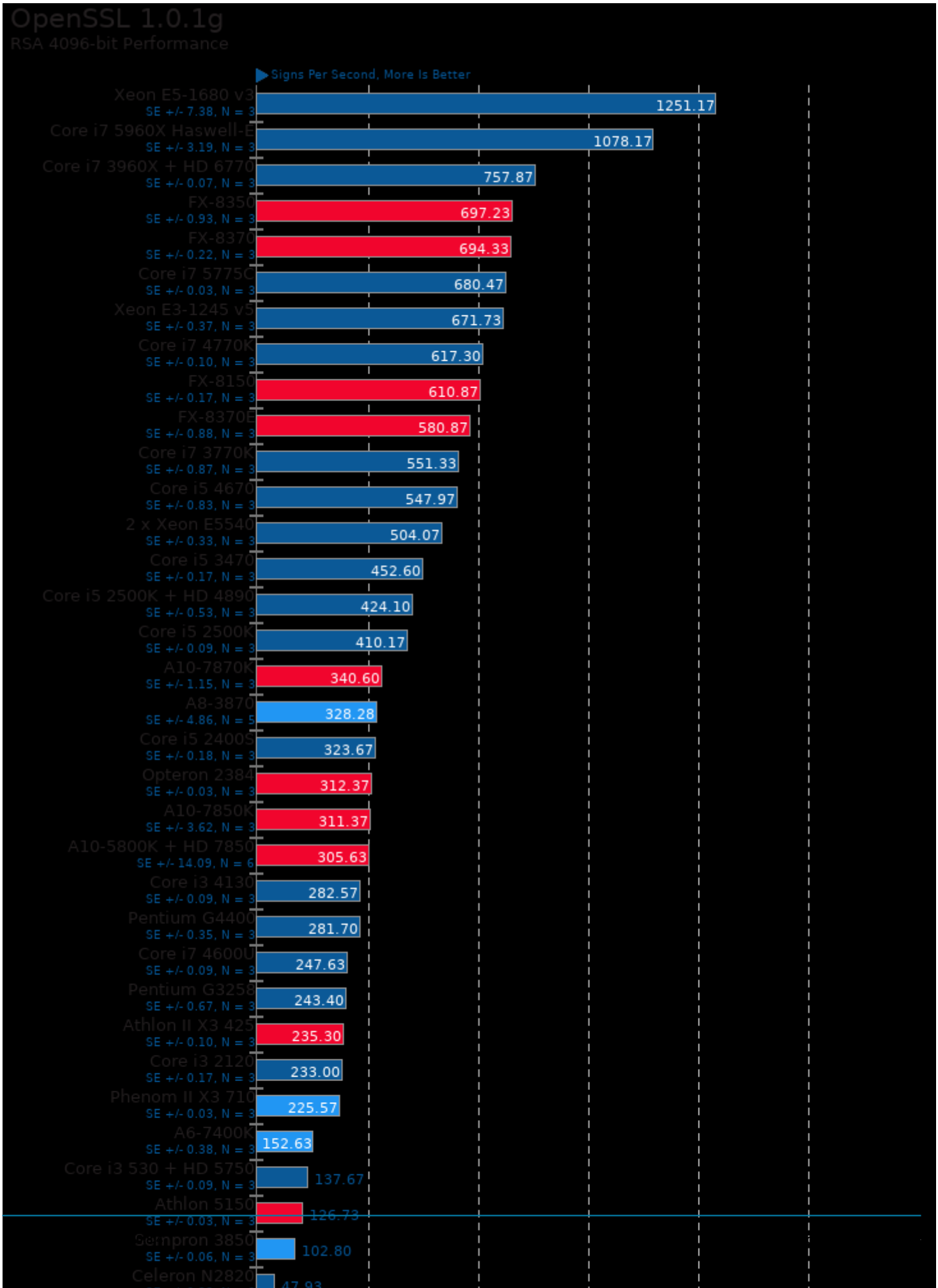
500k Server Farm Extra Results



500k Server Farm Extra Results



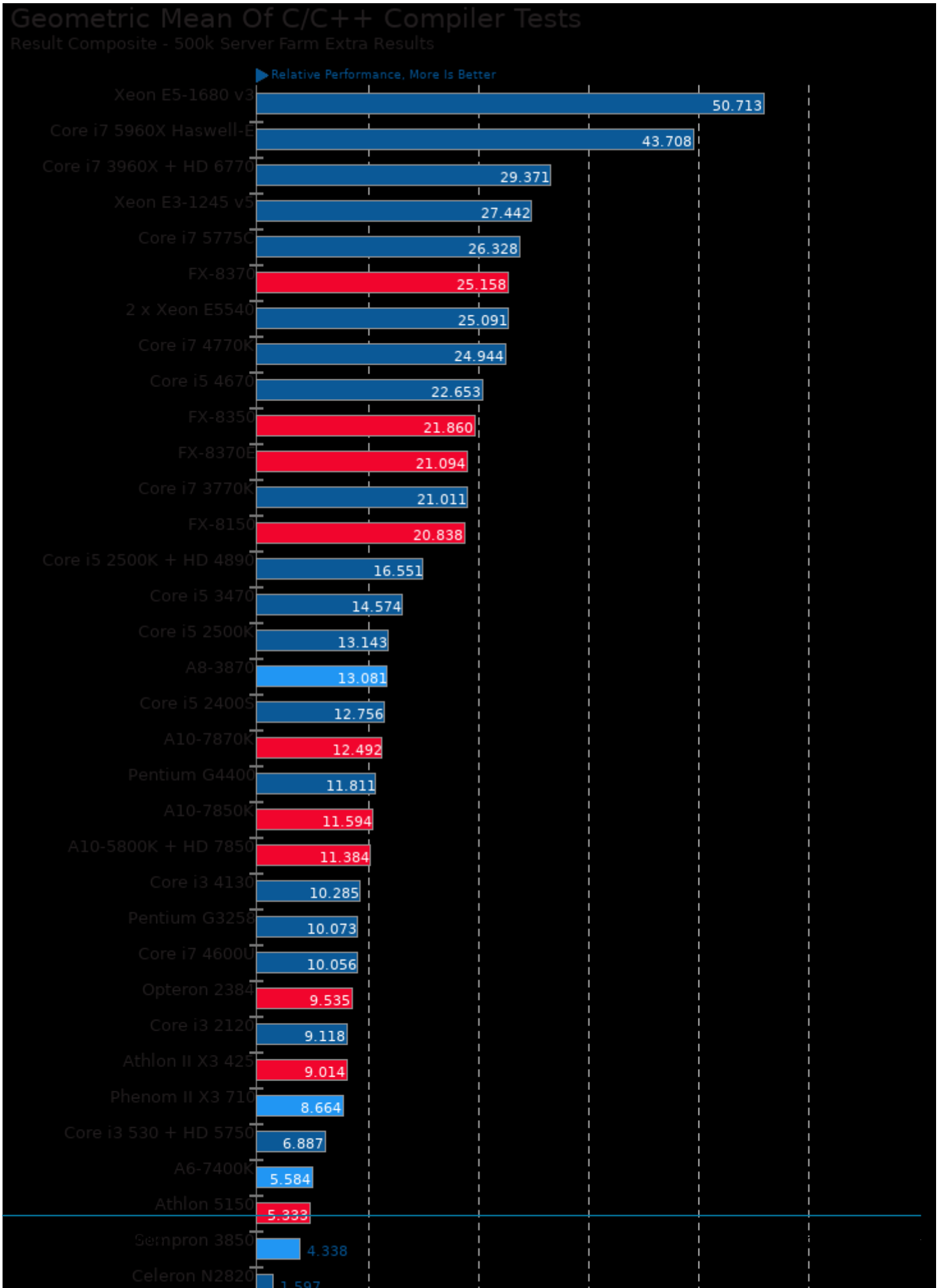
500k Server Farm Extra Results



500k Server Farm Extra Results

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

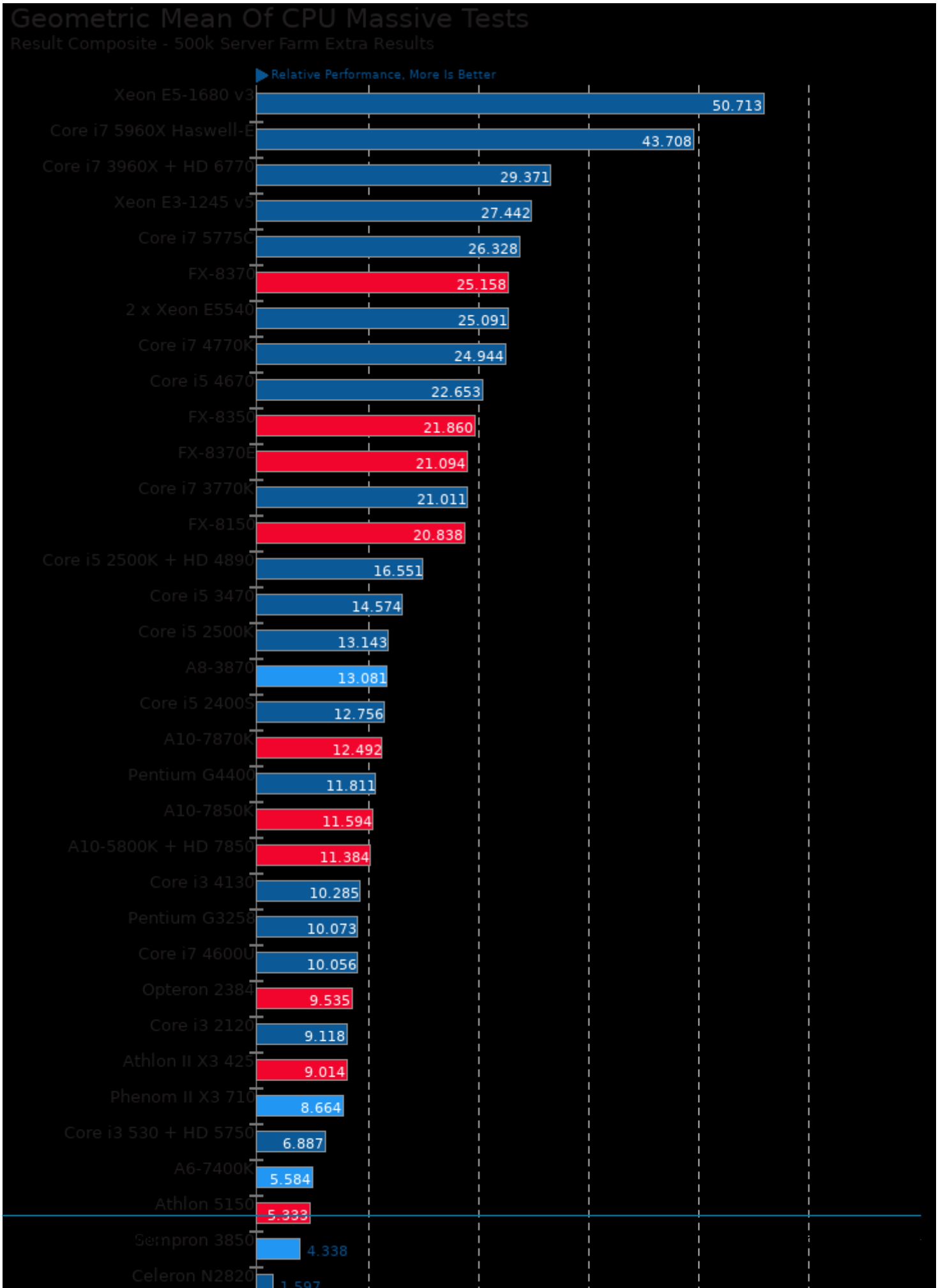
500k Server Farm Extra Results



500k Server Farm Extra Results

Geometric mean based upon tests: pts/c-ray, pts/x264 and pts/openssl

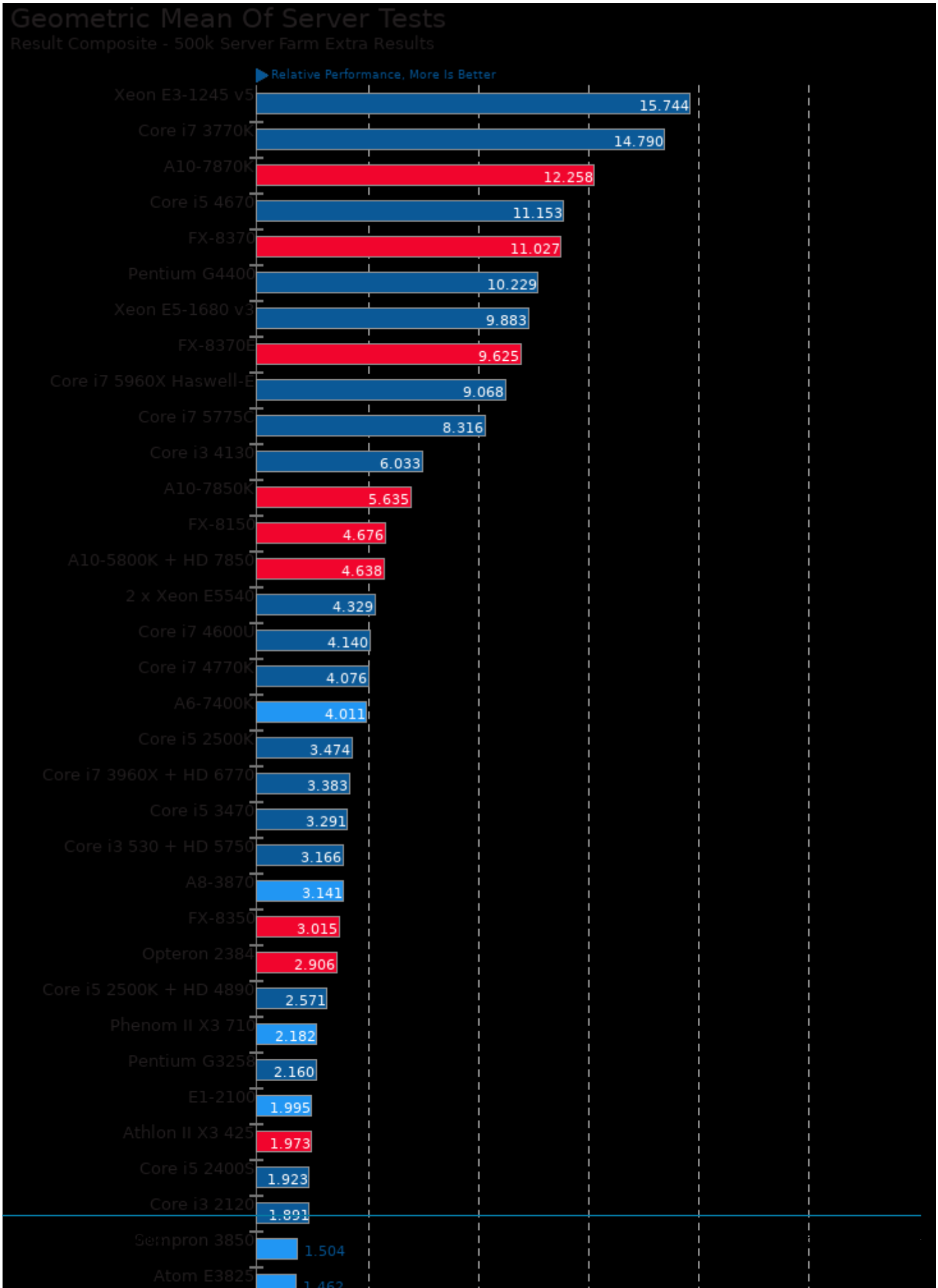
500k Server Farm Extra Results



500k Server Farm Extra Results

Geometric mean based upon tests: pts/build-linux-kernel, pts/c-ray, pts/compress-pbzip2, pts/x264 and pts/openssl

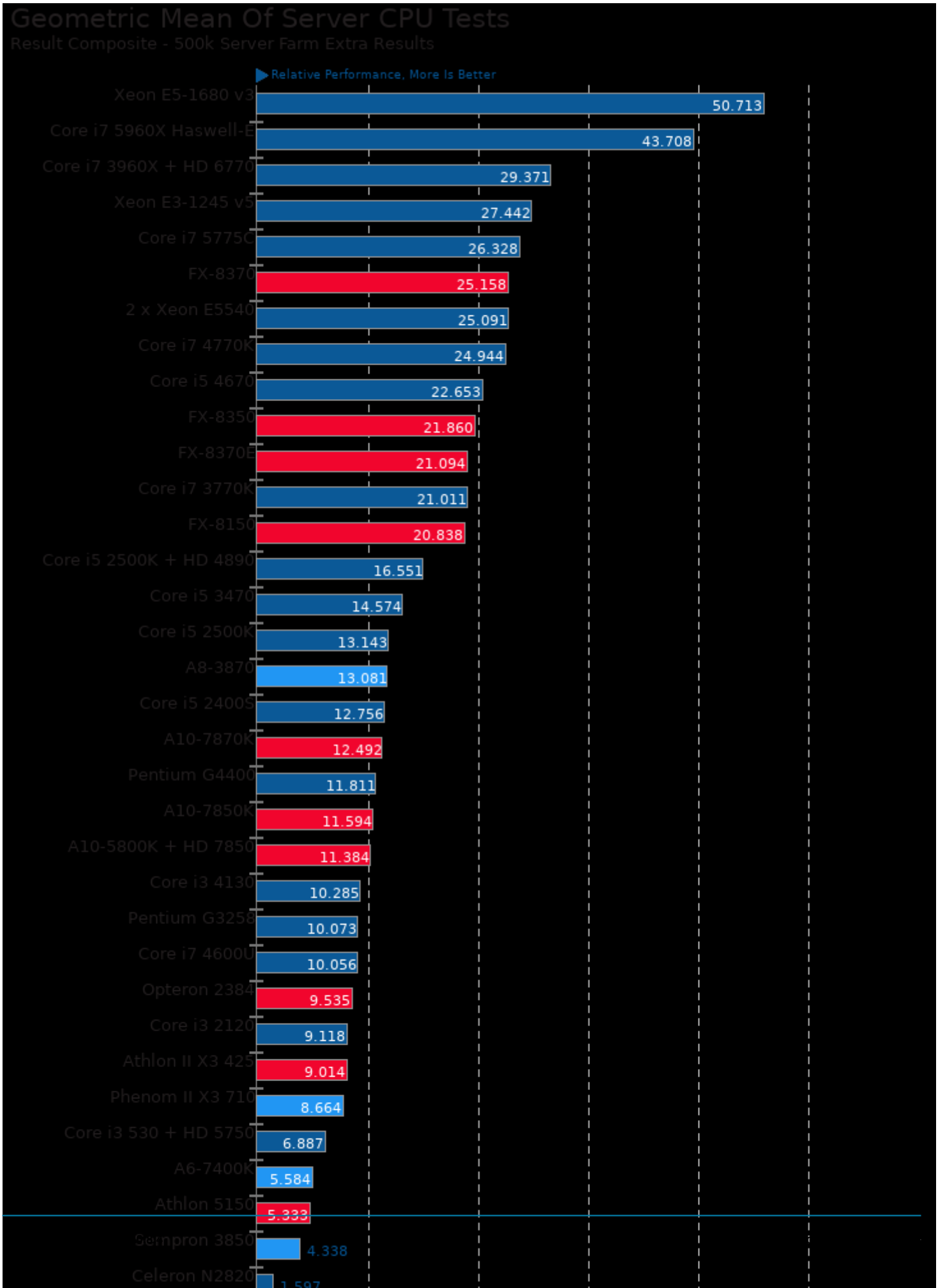
500k Server Farm Extra Results



500k Server Farm Extra Results

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

500k Server Farm Extra Results



500k Server Farm Extra Results

Geometric mean based upon tests: pts/x264, pts/build-linux-kernel, pts/c-ray and pts/openssl

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 06:40.