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Intel Celeron N3050 NUC Linux

Benchmarks by Michael Larabel for a future article on Phoronix.

Automated Executive Summary

Core i7 4770K had the most wins, coming in first place for 50% of the tests.

Based on the geometric mean of all complete results, the fastest (Core i7 4770K) was 13.803x the speed of the slowest (Atom E3825).

Test Systems:

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 3.7.0-svn240922-1~exp1, File-System: ext4, Screen Resolution: 1024x768

Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Atom Z3735F

Processor: Intel Atom Z3735F @ 1.83GHz (4 Cores), Motherboard: Intel STCK1A32WFCR, Chipset: Intel Atom Z36xxx/Z37xxx, Memory: 1 x 2048 MB DDR3-1333MHz, Disk: 31GB S10032, Graphics: Intel Atom Z36xxx/Z37xxx & Display (645MHz), Monitor: VA2431

OS: Ubuntu 15.04, Kernel: 4.1.0-999-generic (x86_64) 20150627, Desktop: Unity 7.3.2, Display Server: X Server 1.17.1, Display Driver: intel 2.99.917, Compiler: GCC 4.9.2, 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
Processor Notes: Scaling Governor: intel_pstate powersave

Core i5 2500K #1

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 15.04, Kernel: 4.1.0-999-generic (x86_64) 20150627, 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: 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
Processor Notes: Scaling Governor: intel_pstate powersave

Core i5 2500K #2

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 3.7.0-svn240900-1~exp1, File-System: ext4, Screen Resolution: 1024x768

Processor Notes: Scaling Governor: intel_pstate powersave

Core 2 Duo P7350

Processor: Intel Core 2 Duo P7350 @ 2.00GHz (2 Cores), Motherboard: Apple Mac-F22C86C8 v1.0, Chipset: NVIDIA MCP79, Memory: 1 x 1024 MB DDR3-1067MHz, Disk: 120GB FUJITSU MHZ2120B, Graphics: NVIDIA GeForce 9400 128MB, Audio: NVIDIA MCP79 HD Audio, Network: NVIDIA MCP79 + Broadcom BCM4321 802.11a/b/g/n

OS: Ubuntu 15.04, Kernel: 3.19.0-14-generic (x86_64), Compiler: GCC 6.0.0 20150624, File-System: ext4, Screen

Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Core i5 520M

Processor: Intel Core i5 520M @ 2.40GHz (4 Cores), Motherboard: Apple Mac-F22586C8, Chipset: Intel Core DRAM, Memory: 2 x 2048 MB DDR3-1067MHz, Disk: 120GB OCZ AGILITY2, Graphics: Intel Core IGP 256MB, Audio: Cirrus Logic CS4206, Monitor: Color LCD, Network: Broadcom NetXtreme BCM5764M Gigabit PCIe + Broadcom BCM43224 802.11a/b/g/n

OS: Ubuntu 15.04, Kernel: 4.1.0-999-generic (x86_64) 20150627, Compiler: GCC 4.9.2, File-System: btrfs, Screen Resolution: 1440x900

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
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Core i3 2100

Processor: Intel Core i3-2100 @ 3.10GHz (4 Cores), Motherboard: MSI H61M-P31/W8 (MS-7788) v1.0, Chipset: Intel 2nd Generation Core Family DRAM, Memory: 2 x 2048 MB DDR3-1067MHz OCZ3BE1600C8LV2G, Disk: 500GB Seagate ST500DM002-1BD14, Graphics: Intel Gen6 (1100MHz), Audio: Realtek ALC887-VD, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.04, Kernel: 4.1.0-999-generic (x86_64) 20150627, 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
Processor Notes: Scaling Governor: intel_pstate powersave

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 3.7.0-svn240900-1~exp1, File-System: ext4, Screen Resolution: 1920x1080

Processor Notes: Scaling Governor: intel_pstate powersave

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 14.10, Kernel: 4.1.0-999-generic (x86_64) 20150627, Desktop: Unity 7.3.1, Display Server: X Server 1.16.0, Display Driver: intel 2.99.914, OpenGL: 3.3 Mesa 10.3.0, 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
Processor Notes: Scaling Governor: intel_pstate powersave

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 20150629, File-System: btrfs, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

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 3.7.0-svn240900-1~exp1, File-System: ext4, Screen Resolution: 1024x768

E-350

Processor: AMD E-350 @ 1.60GHz (2 Cores), Motherboard: ASUS E35M1-M PRO, Chipset: AMD Family 14h Root Complex, Memory: 2 x 1024 MB DDR3-1066MHz OCZ3G16001G, Disk: 250GB Seagate ST3250310AS, Graphics: ASUS AMD Radeon HD 6310 384MB (278MHz), Audio: AMD Wrestler HDMI Audio, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.04, Kernel: 3.18.0-031800-generic (x86_64), Compiler: GCC 4.2.1 + Clang 3.7.0-svn240900-1~exp1, File-System: ext4, Screen Resolution: 1024x768

Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Celeron J1900

Processor: Intel Celeron J1900 @ 2.42GHz (4 Cores), Motherboard: American Megatrends 5.6.5, Chipset: Intel Atom Z36xxx/Z37xxx, Memory: 1 x 4096 MB DDR3-1600MHz, Disk: 128GB OCZ Agility, Graphics: Intel Atom Z36xxx/Z37xxx & Display (853MHz), Audio: Realtek ALC662 rev3, Monitor: CH7511B, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.10, Kernel: 4.1.0-999-generic (x86_64) 20150627, Display Server: X Server 1.16.0, Display Driver: intel

2.99.917, Compiler: GCC 4.9.1, 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,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
Processor Notes: Scaling Governor: intel_pstate powersave

Athlon 5350

Processor: AMD Athlon 5350 APU with Radeon R3 @ 2.05GHz (4 Cores), Motherboard: ASRock AM1H-ITX, Chipset: AMD Family 16h Root Complex, Memory: 1 x 4096 MB DDR3-800MHz, Disk: 80GB Seagate ST980811AS, Graphics: AMD Radeon HD 8400 512MB (200/800MHz), Audio: AMD Device 9840, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.04, Kernel: 3.13.0-32-generic (x86_64), Compiler: GCC 4.2.1 + Clang 3.7.0-svn240900-1~exp1, File-System: ext4, Screen Resolution: 1024x768

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: 4.1.0-999-generic (x86_64) 20150627, 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
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Core i5 4250U

Processor: Intel Core i5-4250U @ 2.60GHz (4 Cores), Motherboard: Apple Mac-35C1E88140C3E6CF, Chipset: Intel Haswell-ULT DRAM, Memory: 2 x 2048 MB DDR3-1600MHz, Disk: 121GB APPLE SSD SD0128, Graphics: Intel Haswell-ULT IGP (1000MHz), Audio: Intel Haswell-ULT HD Audio, Monitor: Color LCD, Network: Broadcom BCM4360 802.11ac Wireless

OS: Ubuntu 15.04, Kernel: 3.19.0-18-generic (x86_64), Desktop: Unity 7.3.2, Display Server: X Server 1.17.1, Display Driver: intel 2.99.917, Compiler: GCC 4.2.1 + Clang 3.7.0-svn240900-1~exp1, File-System: ext4, Screen Resolution: 1366x768

Processor Notes: Scaling Governor: intel_pstate powersave

FX-8320E

Processor: AMD FX-8320E Eight-Core @ 4.40GHz (8 Cores), Motherboard: MSI 970 GAMING (MS-7693) v4.0, Chipset: AMD RD890 bridge, Memory: 2 x 4096 MB DDR3-1067MHz, Disk: 64GB OCZ AGILITY, Graphics: AMD Radeon HD 5770 1024MB (157/300MHz), Audio: Realtek ALC1150, Network: Qualcomm Atheros Killer E220x Gigabit

OS: Fedora 22, Kernel: 4.1.0-1.fc23.x86_64 (x86_64), Desktop: GNOME Shell 3.16.2, Display Server: X Server 1.17.2, Display Driver: radeon 7.5.0, OpenGL: 3.3 Mesa 10.6.0 (git-5d327b3) Gallium 0.4, Compiler: GCC 5.1.1 20150618, 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=c++98 --with-isl --with-linker-hash-style=gnu --with-tune=generic
System Notes: SELinux: Enabled.

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 DDR3-1600MHz, 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 3.7.0-svn240900-1~exp1, File-System: ext4, Screen Resolution: 1024x768

Processor Notes: Scaling Governor: acpi-cpufreq ondemand

A10 Micro-6700T

Processor: AMD A10 Micro-6700T APU+AMD Radeon R6 @ 1.20GHz (4 Cores), Motherboard: CompuLab fitlet v1.0, Chipset: AMD Device 1566, Memory: 1 x 4096 MB DDR2-800MHz, Disk: 64GB SanDisk SD6SF1M0, Graphics: AMD Radeon R6 512MB (200MHz), Audio: AMD Kabini HDMI/DP, Network: Intel I211 Gigabit Connection + Intel Wireless 7260

OS: Fedora 22, Kernel: 4.1.0-1.fc23.x86_64 (x86_64), Desktop: GNOME Shell 3.16.2, Display Server: X Server 1.17.2, Display Driver: radeon 7.5.0, OpenGL: 3.3 Mesa 10.6.0 (git-5d327b3) Gallium 0.4, Compiler: GCC 5.1.1 20150618, 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=c++98 --with-isl --with-linker-hash-style=gnu --with-tune=generic
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
System Notes: SELinux: Enabled.

Core 2 Duo T9300

Processor: Intel Core 2 Duo T9300 @ 2.50GHz (2 Cores), Motherboard: LENOVO 6459CTO, Chipset: Intel Mobile PM965/GM965/GL960 + ICH8M-E, Memory: 4096MB, Disk: 100GB Hitachi HTS72201, Graphics: NVIDIA Quadro NVS 140M 128MB, Audio: Intel 82801H, Network: Intel 82566MM Gigabit Connection + Intel PRO/Wireless

OS: Ubuntu 14.04, Kernel: 4.0.0-040000-generic (x86_64), Compiler: GCC 4.2.1 + Clang 3.7.0-svn240900-1~exp1, File-System: xfs, Screen Resolution: 1680x1050

Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Core i3 530

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: 32GB VERTEX, Graphics: AMD Radeon HD 5750 1024MB (157/300MHz), Audio: Realtek ALC892, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.10, Kernel: 4.1.0-999-generic (x86_64) 20150627, 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-b4b4406 2015-06-28 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
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

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 20150629, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Core i3 3217U

Processor: Intel Core i3-3217U @ 1.80GHz (4 Cores), Motherboard: ASUS K56CA v1.0, Chipset: Intel 3rd Gen Core DRAM, Memory: 1 x 4096 MB DDR3-1600MHz, Disk: 500GB Hitachi HTS54505 + 24GB SanDisk SSD i100, Graphics: Intel Gen7 Mobile (1050MHz), Audio: Intel 7 /C210, Network: Realtek RTL8111/8168/8411 + Qualcomm Atheros AR9485 Wireless

OS: Ubuntu 15.04, Kernel: 3.19.0-14-generic (x86_64), Compiler: GCC 6.0.0 20150629, File-System: btrfs, Screen Resolution: 1366x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Processor Notes: Scaling Governor: intel_pstate powersave

Core i3 370M

Processor: Intel Core i3 370M @ 2.40GHz (4 Cores), Motherboard: ASRock HM55-MXM, Chipset: Intel Core DRAM, Memory: 2 x 2048 MB SDRAM, Disk: 500GB Western Digital WD5000BEKT-8, Graphics: LLVMpipe, Audio: Realtek ALC889A, Monitor: DELL S2409W + VE228, Network: Realtek RTL8111/8168/8411

OS: Fedora 21, Kernel: 4.1.0-0.rc3.git0.1.fc23.x86_64 (x86_64) 20150511, Display Server: X Server 1.16.3, Display Driver: nouveau 1.0.11, OpenGL: 2.1 Mesa 10.4.7 Gallium 0.4, Compiler: GCC 4.9.2 20150212, File-System: ext4, Screen Resolution: 1024x768

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-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-linker-hash-style=gnu --with-tune=generic
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
System Notes: SELinux: Enabled.

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 14.10, Kernel: 4.1.0-999-generic (x86_64) 20150627, Desktop: Xfce 4.10, Display Server: X Server 1.16.0, Display Driver: intel 2.99.917, OpenGL: 3.3 Mesa 10.7.0-devel (git-b4b4406 2015-06-28 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
Processor Notes: Scaling Governor: intel_pstate powersave

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 20150629, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Core i7 720QM

Processor: Intel Core i7 720Q @ 1.60GHz (8 Cores), Motherboard: LENOVO 4318CTO, Chipset: Intel Core DMI, Memory: 2 x 2048 MB DDR3-1066MHz, Disk: 160GB FUJITSU MHZ2160B, Graphics: NVIDIA Quadro FX 880M 1024MB, Audio: Intel 5 /3400, Network: Intel 82577LM Gigabit Connection + Intel Centrino Ultimate-N 6300

OS: Ubuntu 15.04, Kernel: 3.19.0-14-generic (x86_64), Compiler: GCC 6.0.0 20150629, File-System: xfs, Screen Resolution: 1600x900

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

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: 4.1.0-999-generic (x86_64) 20150627, Desktop: Xfce 4.10, Display Server: X Server 1.16.0, Display Driver: intel 2.99.917, OpenGL: 3.3 Mesa 10.7.0-devel (git-b4b4406 2015-06-28 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
Processor Notes: Scaling Governor: intel_pstate powersave

Phenom 9500

Processor: AMD Phenom 9500 @ 2.20GHz (4 Cores), Motherboard: ECS A780GM-A v1.0, Chipset: AMD RS780 + SB7x0/SB8x0/SB9x0, Memory: 2 x 2048 MB DDR2-400MHz, Disk: 1000GB Western Digital WD10EZRX-00A, Graphics: AMD FirePro V7800 2048MB (157/300MHz), Audio: SigmaTel 92HD206X, Network: Qualcomm Atheros Attansic L1 Gigabit

OS: Fedora 22, Kernel: 4.1.0-1.fc23.x86_64 (x86_64), Desktop: GNOME Shell 3.16.2, Display Server: X Server 1.17.2, Display Driver: radeon 7.5.0, OpenGL: 3.3 Mesa 10.6.0 (git-5d327b3) Gallium 0.4, Compiler: GCC 5.1.1 20150618, 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=c++98 --with-isl --with-linker-hash-style=gnu --with-tune=generic
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
System Notes: SELinux: Enabled.

Core i7 3517UE

Processor: Intel Core i7-3517UE @ 2.80GHz (4 Cores), Motherboard: CompuLab Intense-PC, Chipset: Intel 3rd Gen Core DRAM, Memory: 8192MB, Disk: 500GB Hitachi HCC54755, Graphics: Intel HD 4000 (1000MHz), Audio: Realtek ALC888, Monitor: Acer P243W, Network: Intel 82579LM Gigabit Connection + Realtek RTL8188CE 802.11b/g/n

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 4.2.1 + Clang 3.7.0-svn240900-1~exp1, File-System: ext4, Screen Resolution: 1920x1200

Processor Notes: Scaling Governor: intel_pstate powersave

Core i5 2520M

Processor: Intel Core i5-2520M @ 3.20GHz (4 Cores), Motherboard: HP 161C, Chipset: Intel 2nd Generation Core Family DRAM, Memory: 1 x 4096 MB DDR3-1333MHz, Disk: 160GB INTEL SSDSA2M160, Graphics: Intel HD 3000 (1300MHz), Audio: IDT 92HD81B1X5, Network: Intel 82579LM Gigabit Connection + Intel Centrino Advanced-N 6205

OS: Ubuntu 15.04, Kernel: 4.1.0-999-generic (x86_64) 20150627, Desktop: Unity 7.3.2, Display Server: X Server 1.17.1, Display Driver: intel 2.99.917, Compiler: GCC 4.9.2, File-System: ext4, Screen Resolution: 1600x900

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
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 3.7.0-svn240900-1~exp1, File-System: ext4, Screen Resolution: 1024x768

Processor Notes: Scaling Governor: acpi-cpufreq ondemand

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: 2000GB Seagate ST2000DM001-1E61, Graphics: Intel Gen6 (1100MHz), Audio: Realtek ALC662 rev1, Network: Realtek RTL8111/8168/8411

OS: Fedora 22, Kernel: 4.1.0-1.fc23.x86_64 (x86_64), Compiler: GCC 5.1.1 20150618, File-System: xfs, Screen Resolution: 1024x768

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=c++98 --with-isl --with-linker-hash-style=gnu --with-tune=generic
Processor Notes: Scaling Governor: intel_pstate powersave
System Notes: SELinux: Enabled.

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 14.10, Kernel: 4.1.0-999-generic (x86_64) 20150627, Desktop: Unity 7.3.1, 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
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

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 DDR3-1600MHz, 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 3.7.0-svn240900-1~exp1, File-System: btrfs, Screen Resolution: 1024x768

Processor Notes: Scaling Governor: intel_pstate performance

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: 4.1.0-1.fc23.x86_64 (x86_64), Desktop: GNOME Shell 3.16.2, Display Server: X Server 1.17.2, Display Driver: radeon 7.5.0, OpenGL: 3.3 Mesa 10.6.0 (git-5d327b3) Gallium 0.4, Compiler: GCC 5.1.1 20150618, 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=c++98 --with-isl --with-linker-hash-style=gnu --with-tune=generic
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
System Notes: SELinux: Enabled.

Core i3 5010U

Processor: Intel Core i3-5010U @ 2.10GHz (4 Cores), Motherboard: Intel NUC5i3RYB, Chipset: Intel Broadwell-U-OPI, Memory: 8192MB, Disk: 256GB TS256GSSD370, Graphics: Intel Broadwell-U (900MHz), Audio: Intel Broadwell-U Audio, Network: Intel Connection + Intel Wireless 7265

OS: Ubuntu 15.04, Kernel: 4.1.0-999-generic (x86_64) 20150529, Desktop: Unity 7.3.2, Display Server: X Server 1.17.1, Display Driver: intel 2.99.917, Compiler: GCC 6.0.0 20150629, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Processor Notes: Scaling Governor: intel_pstate powersave

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 20150629, File-System: xfs, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Processor Notes: Scaling Governor: intel_pstate powersave

Core i5 2415M

Processor: Intel Core i5-2415M @ 2.90GHz (4 Cores), Motherboard: Apple Mac-8ED6AF5B48C039E1, Chipset: Intel 2nd Generation Core Family DRAM, Memory: 2 x 1024 MB DDR3-1333MHz, Disk: 500GB Hitachi HTS54505, Graphics: Intel Gen6 Mobile (1300MHz), Audio: Intel 6 /C200, Network: Broadcom NetXtreme BCM57765 Gigabit PCIe + Broadcom BCM4331 802.11a/b/g/n

OS: Ubuntu 15.04, Kernel: 3.19.0-14-generic (x86_64), Compiler: GCC 6.0.0 20150629, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Processor Notes: Scaling Governor: intel_pstate powersave

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 3.7.0-svn240900-1~exp1, File-System: ext4, Screen Resolution: 1024x768

Processor Notes: Scaling Governor: acpi-cpufreq ondemand

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 20150629, File-System: btrfs, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Processor Notes: Scaling Governor: intel_pstate powersave

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 20150629, File-System: btrfs, Screen Resolution: 1024x768

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
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 14.10, Kernel: 4.1.0-999-generic (x86_64) 20150627, 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: 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,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
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, Monitor: VE228, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.04, Kernel: 4.1.0-999-generic (x86_64) 20150627, 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: 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
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Core i5 4278U

Processor: Intel Core i5-4278U @ 3.10GHz (4 Cores), Motherboard: Apple Mac-35C5E08120C7EEAF, Chipset: Intel Haswell-ULT DRAM, Memory: 2 x 4096 MB DDR3-1600MHz, Disk: 1000GB APPLE HDD HTS541, Graphics: Intel Device 0a2e (1100MHz), Audio: Intel Haswell-ULT HD Audio, Monitor: Thunderbolt, Network: Broadcom NetXtreme BCM57766 Gigabit PCIe + Broadcom BCM4360 802.11ac Wireless

OS: Ubuntu 15.04, Kernel: 3.19.0-15-generic (x86_64), Desktop: Unity 7.3.2, Display Server: X Server 1.17.1, Display Driver: intel 2.99.917, Compiler: GCC 6.0.0 20150629, File-System: ext4, Screen Resolution: 2560x1440

Compiler Notes: --disable-multilib --enable-checking=release --enable-languages=c,c++,fortran
Processor Notes: Scaling Governor: intel_pstate powersave

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, Network: Realtek RTL8111/8168/8411

OS: Fedora 21, Kernel: 4.1.0-1.fc23.x86_64 (x86_64), Display Server: X Server 1.16.3, Display Driver: intel 2.99.916, OpenGL: 3.3 Mesa 10.4.7, Compiler: GCC 4.9.2 20150212, File-System: btrfs, Screen Resolution: 1024x768

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-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-linker-hash-style=gnu --with-tune=generic
Processor Notes: Scaling Governor: intel_pstate powersave
System Notes: SELinux: Enabled.

Celeron N3050 NUC

Processor: Intel Celeron N3050 @ 2.25GHz (2 Cores), Motherboard: Intel NUC5CPYB, Chipset: Intel Device 2280, Memory: 8192MB, Disk: 64GB ADATA SP600, Graphics: Intel Device 22b1 (600MHz), Audio: Realtek ALC283, Monitor: DELL P2210H, Network: Realtek RTL8111/8168/8411 + Intel Device 3165

OS: Ubuntu 15.04, Kernel: 4.2.0-999-generic (x86_64) 20150713, Desktop: Unity 7.3.2, Display Server: X Server 1.17.1, Display Driver: intel 2.99.917, OpenGL: 3.3 Mesa 10.7.0-devel (git-779cabf 2015-07-16 vivid-oibaf-ppa), Compiler: GCC 4.9.2, 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
Processor Notes: Scaling Governor: intel_pstate powersave

DG31PR_CPUs_Cel430_R7_240

Processor: Intel Celeron 430 @ 1.80GHz (1 Core), Motherboard: Intel DG31PR, Chipset: Intel 82G33/G31/P35/P31 + ICH7, Memory: 4096MB, Disk: 256GB PLEXTOR PX-256M5, Graphics: Intel 82G33/G31 IGP 2048MB, Audio: AMD Cape Verde/Pitcairn, Monitor: SyncMaster, Network: Qualcomm Atheros AR93xx Wireless

OS: Ubuntu 15.10, Kernel: 4.2.0-27-generic (x86_64), Desktop: Unity, Display Server: X Server 1.17.2, Display Driver: intel 2.99.917, OpenGL: 3.3 Mesa 11.0.2 Gallium 0.4, 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

G1840

Processor: Intel Celeron G1840 @ 2.80GHz (2 Cores), Motherboard: ASUS Z97M-PLUS, Chipset: Intel 4th Gen Core DRAM, Memory: 8192MB, Disk: 256GB PLEXTOR PX-256M5, Graphics: XFX AMD Radeon HD 7700 1024MB, Audio: AMD Cape Verde/Pitcairn, Monitor: SyncMaster, Network: Qualcomm Atheros AR93xx Wireless

OS: Ubuntu 15.10, Kernel: 4.2.0-27-generic (x86_64), Desktop: Unity, Display Server: X Server 1.17.2, Display Driver: fglrx 15.20.3, OpenGL: 4.4.13399, Compiler: GCC 5.2.1 20151010, File-System: ext4, Screen Resolution: 1024x768

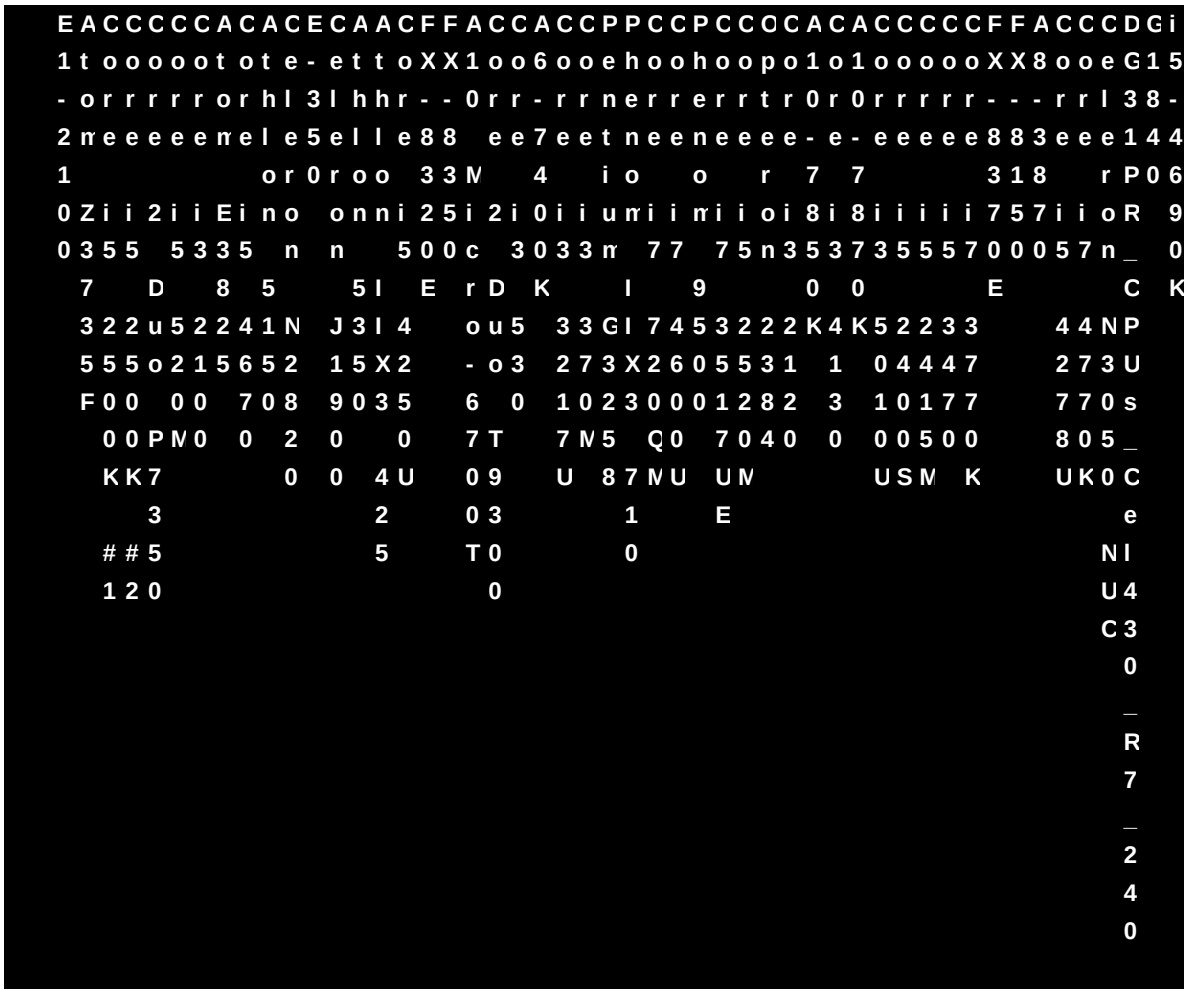
Environment Notes: LIBGL_DRIVERS_PATH=/usr/lib/fglrx/dri:/usr/lib/x86_64-linux-gnu/dri:/usr/lib/dri:/usr/lib32/fglrx/dri:/usr/lib/i386-linux-gnu/dri
Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --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
Processor Notes: Scaling Governor: intel_pstate powersave

i5-4690K

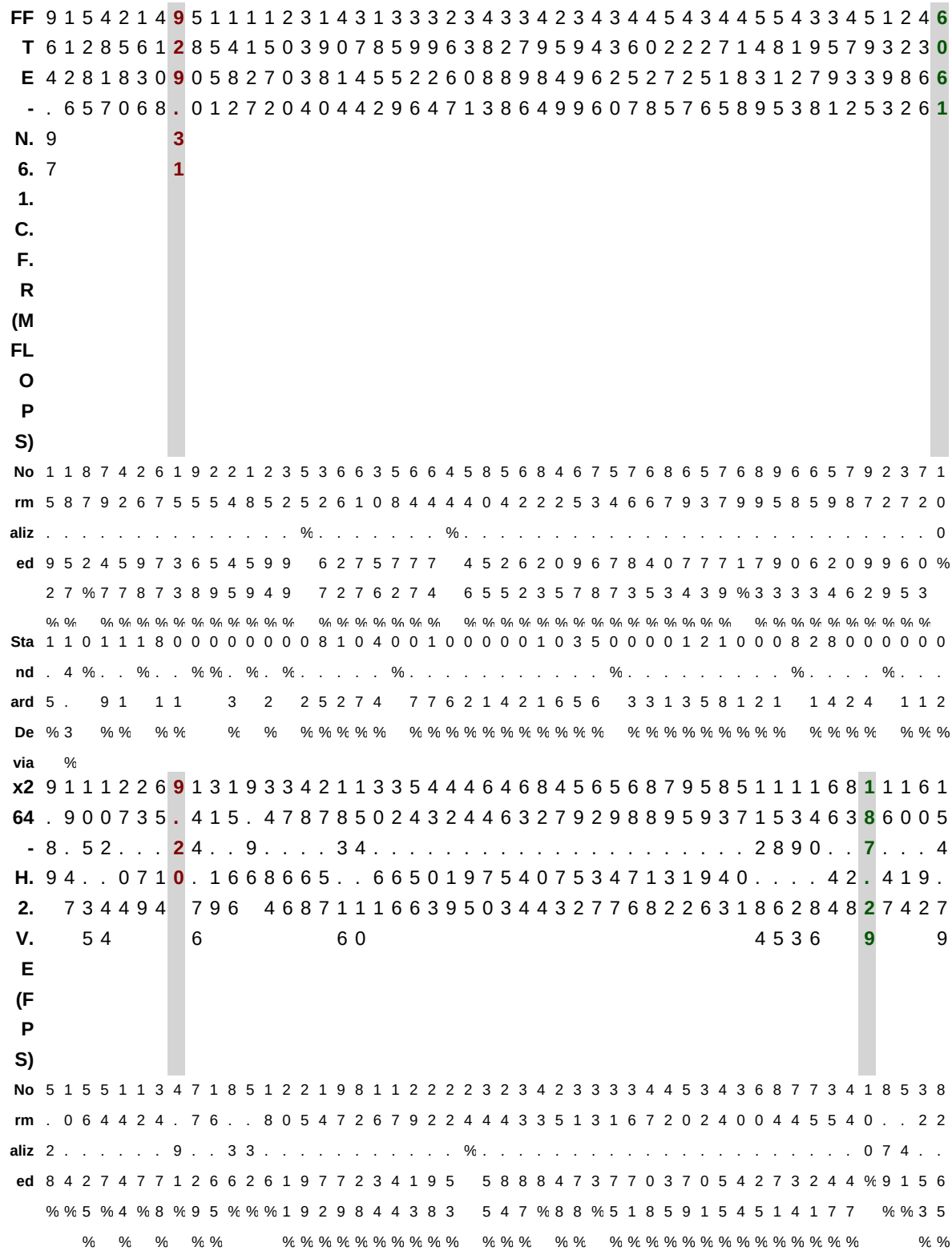
Processor: Intel Core i5-4690K @ 3.90GHz (4 Cores), Motherboard: ASUS Z97M-PLUS, Chipset: Intel 4th Gen Core DRAM, Memory: 8192MB, Disk: 256GB PLEXTOR PX-256M5, Graphics: XFX AMD Radeon HD 7700 1024MB, Audio: AMD Cape Verde/Pitcairn, Monitor: SyncMaster, Network: Qualcomm Atheros AR93xx Wireless

OS: Ubuntu 15.10, Kernel: 4.2.0-34-generic (x86_64), Desktop: Unity, Display Server: X Server 1.17.2, Display Driver: fglrx 15.20.3, OpenGL: 4.4.13399, Compiler: GCC 5.2.1 20151010, File-System: ext4, Screen Resolution: 1024x768

Environment Notes: LIBGL_DRIVERS_PATH=/usr/lib/fglrx/dri:/usr/lib/x86_64-linux-gnu/dri:/usr/lib/dri:/usr/lib32/fglrx/dri:/usr/lib/i386-linux-gnu/dri
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
Processor Notes: Scaling Governor: intel_pstate powersave

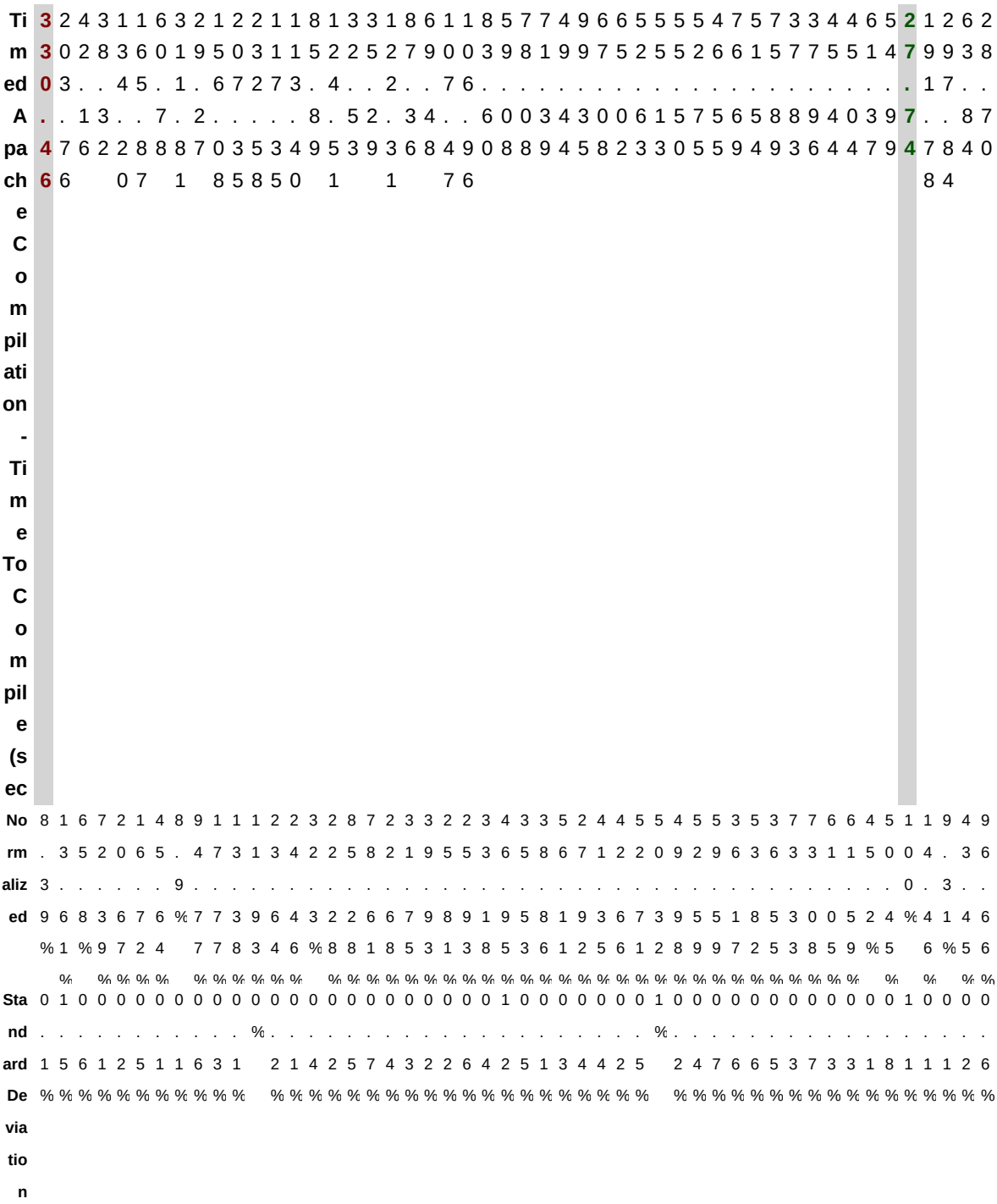

EACCCCCACACECAACFFACCACCPPCCPCCCCACACCCCCFFACCCDGi
1toooooototte-ettoXX1oo6ooehoohoopo1o1oooooXX8ooeG15
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2meeeeemelle5elle88 ee7eetneeneeee-e-eeeee883eee144
1 or0roo 33M 4 io o r 7 7 318 rP06
0Zii2iiEino onni25i2i0iiumiimiioi8i8iiiii757iioR 9
0355 5335 n n 500c 3033m 77 75n353735557000057n_ 0
7 D 8 5 5I E rD K I 9 0 0 E C K
322u52241N J3I4 ou5 33GI74532222K4K52233 44NP
555o215652 15X2 -o3 273X26055311 04447 273U
F00 00 708 9035 6 0 10230001282 3 10177 770s
00PM0 0 2 0 0 7T 7M5 Q0 70400 0 00500 805_
KK7 0 0 4U 09 U 87MU UM USM K UK0C
3 2 03 1 E e
##5 5 T0 0 NI
120 0 U4
C3
0
_
R
7
_
2
4
0

Intel Celeron N3050 NUC Linux

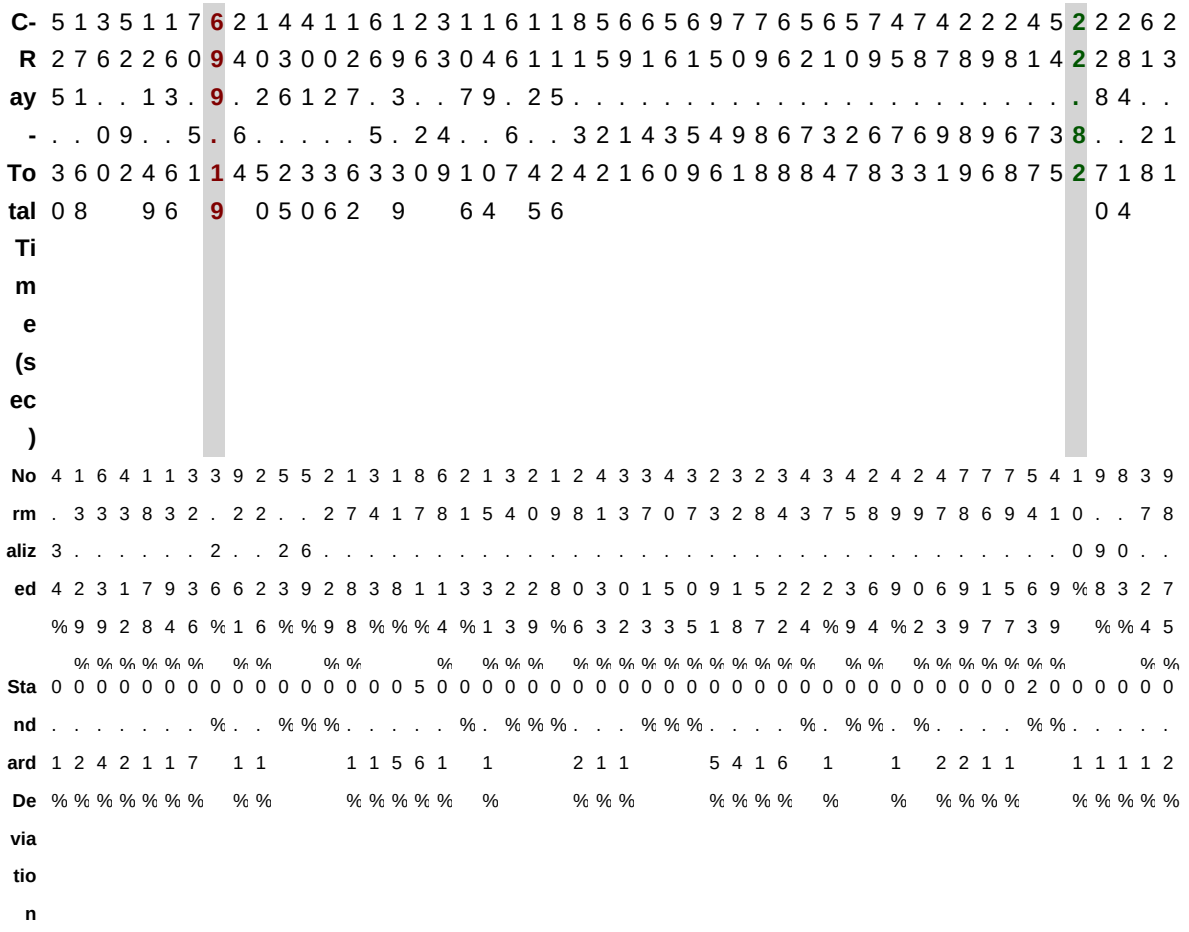


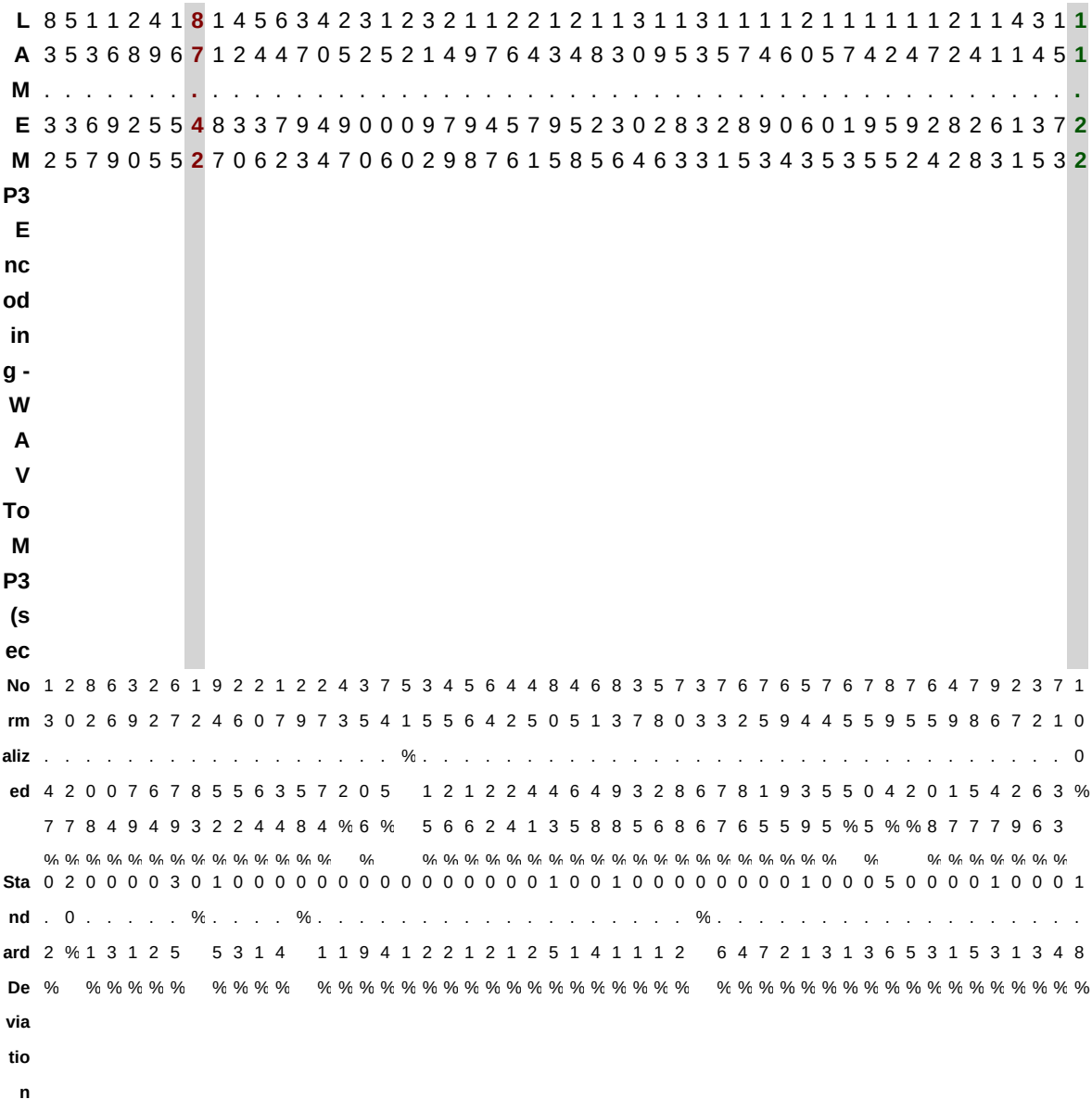
Intel Celeron N3050 NUC Linux

| | | |

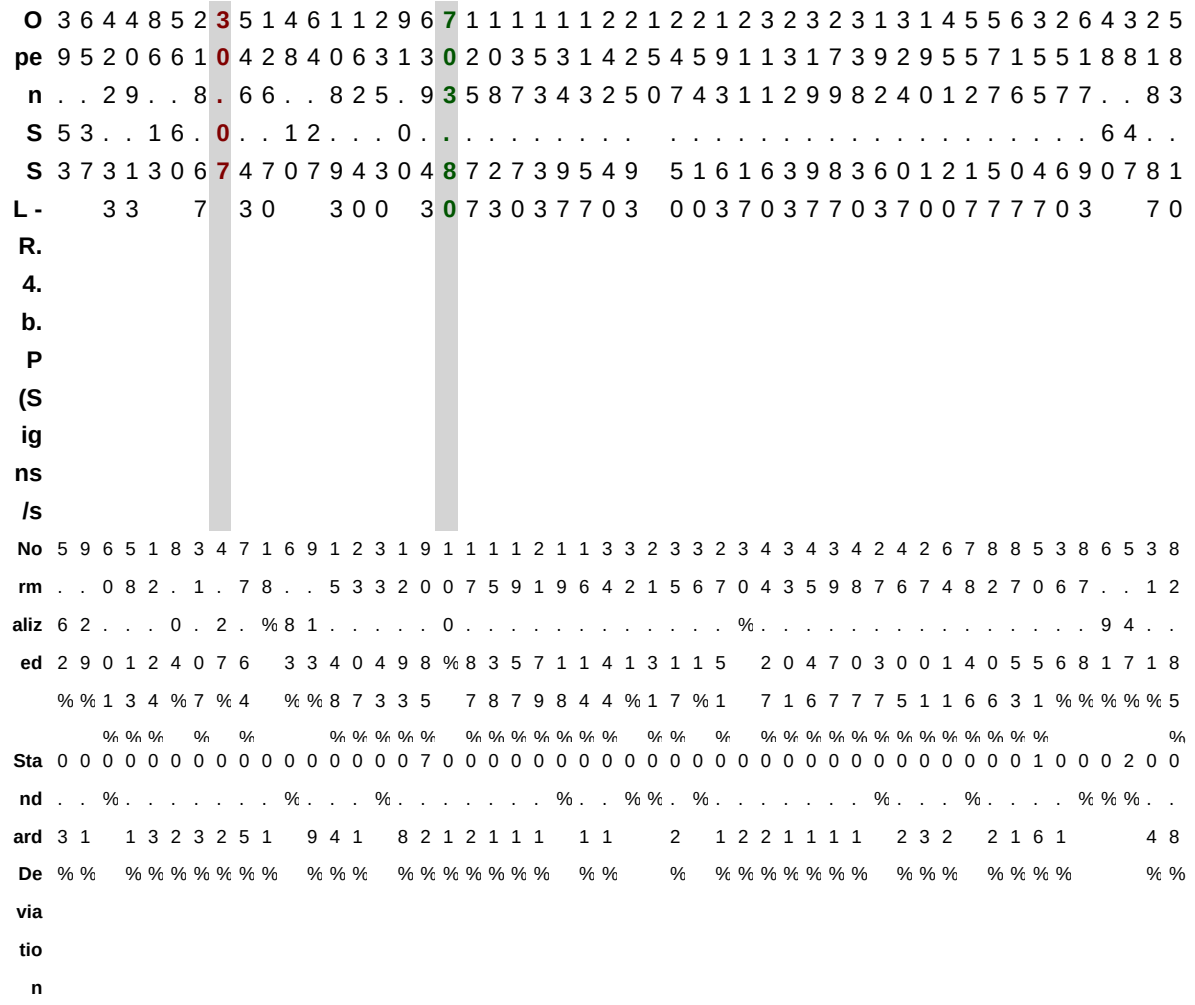

Timed Apache Compilation - Time To Compile (sec
Normalized Standard Deviation %

Intel Celeron N3050 NUC Linux

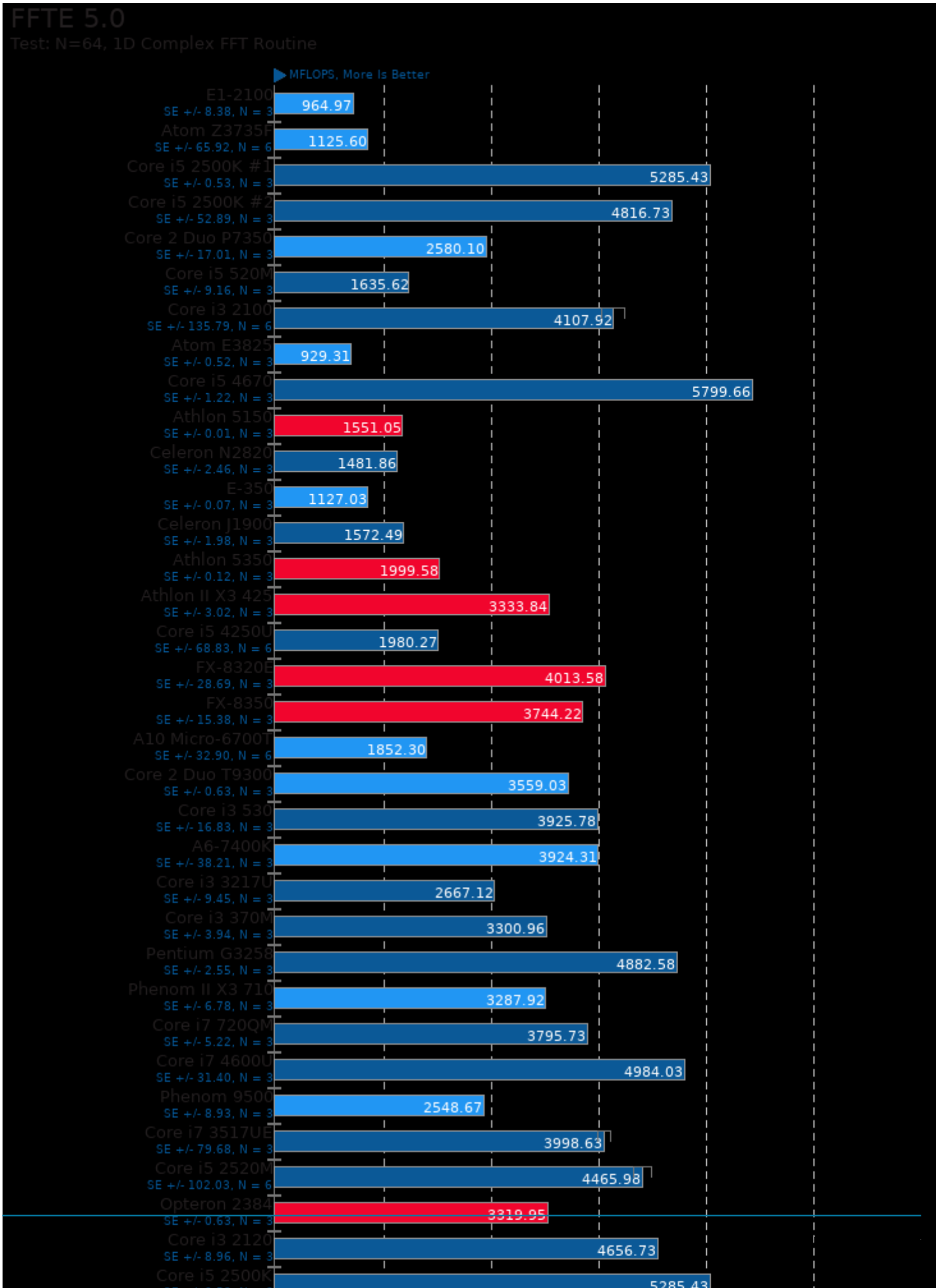


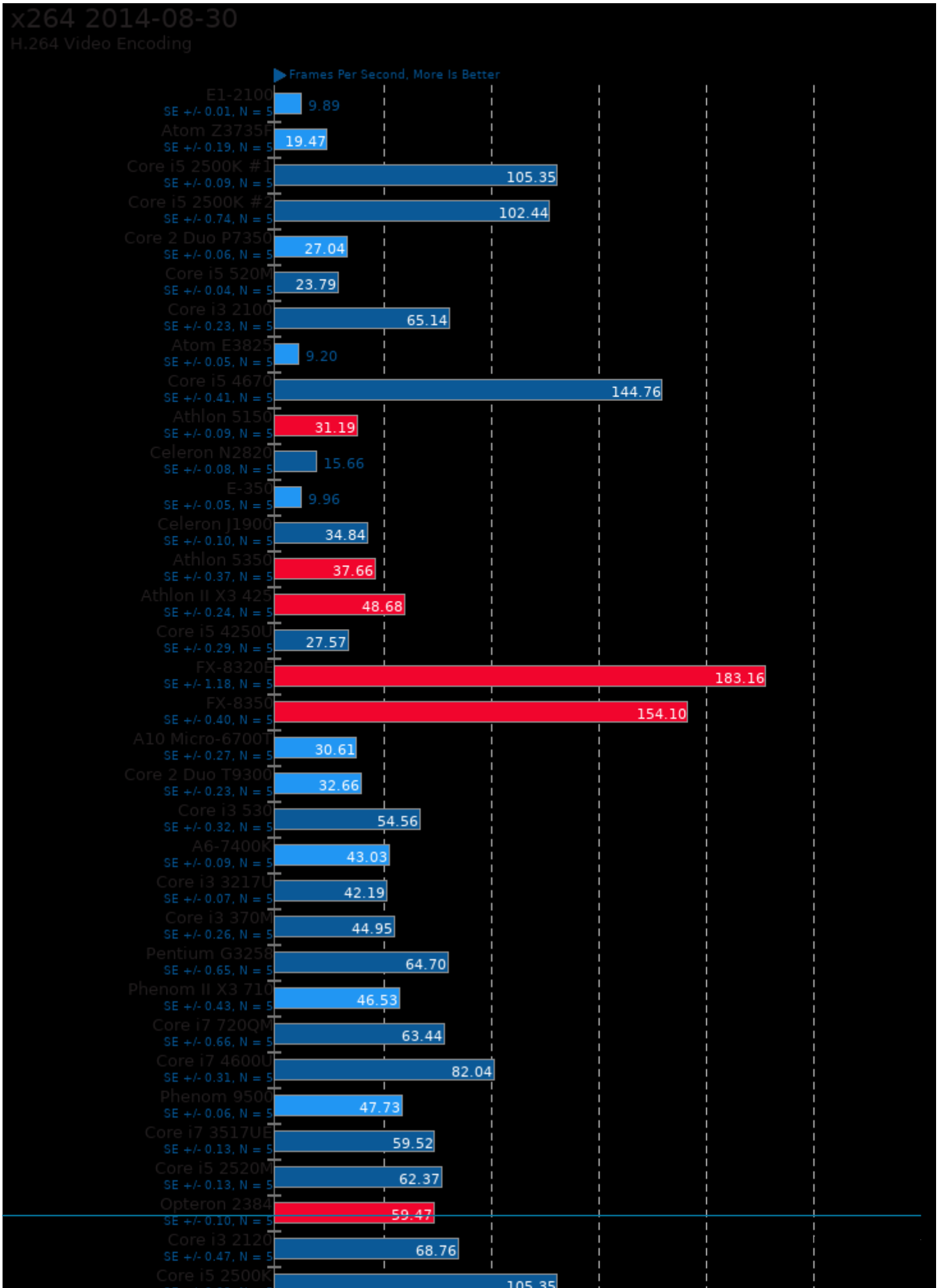

LAME MP3 Encoding - WAV To MP3 (sec
Normalized
Standard Deviation %

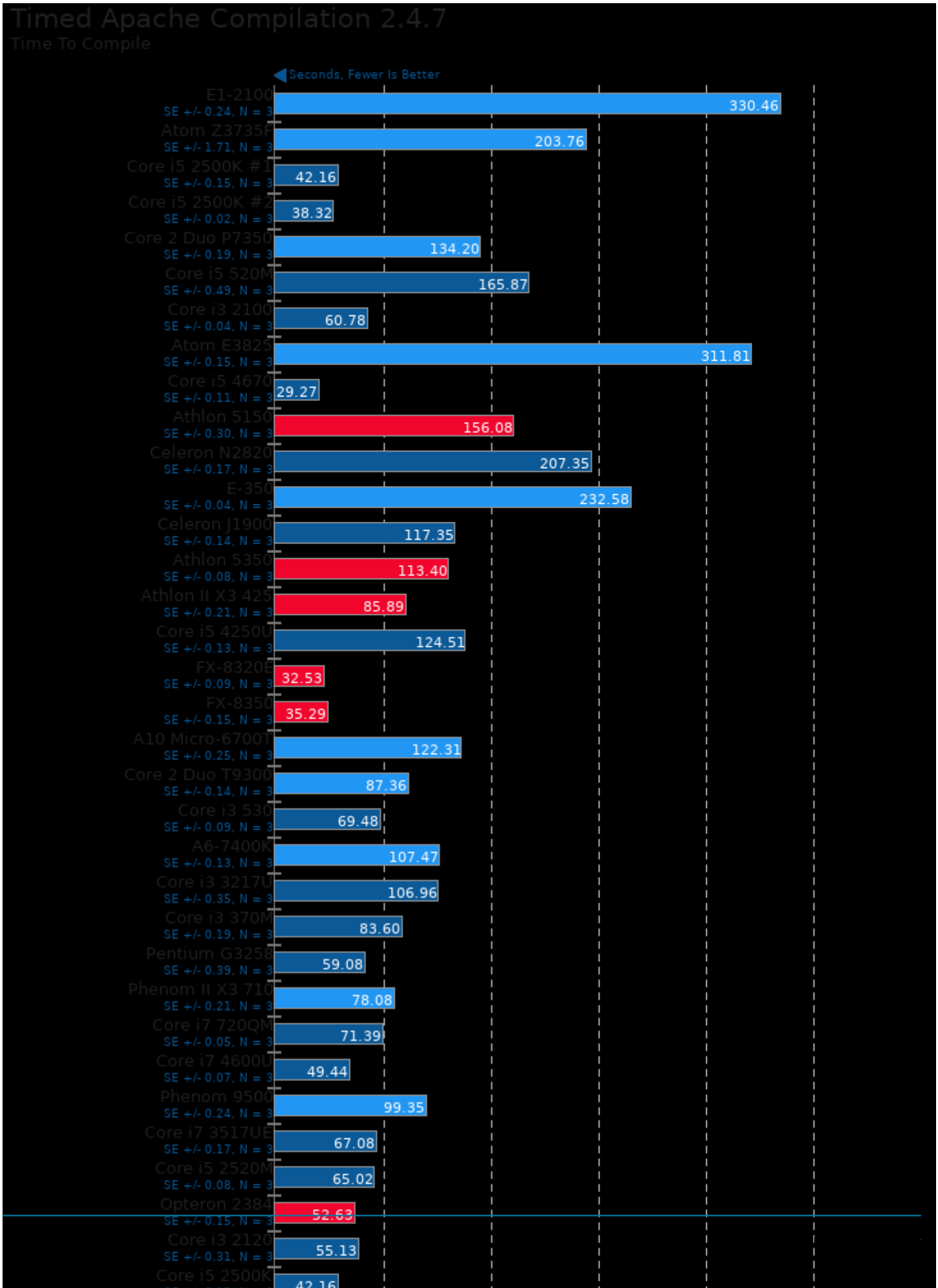
Intel Celeron N3050 NUC Linux

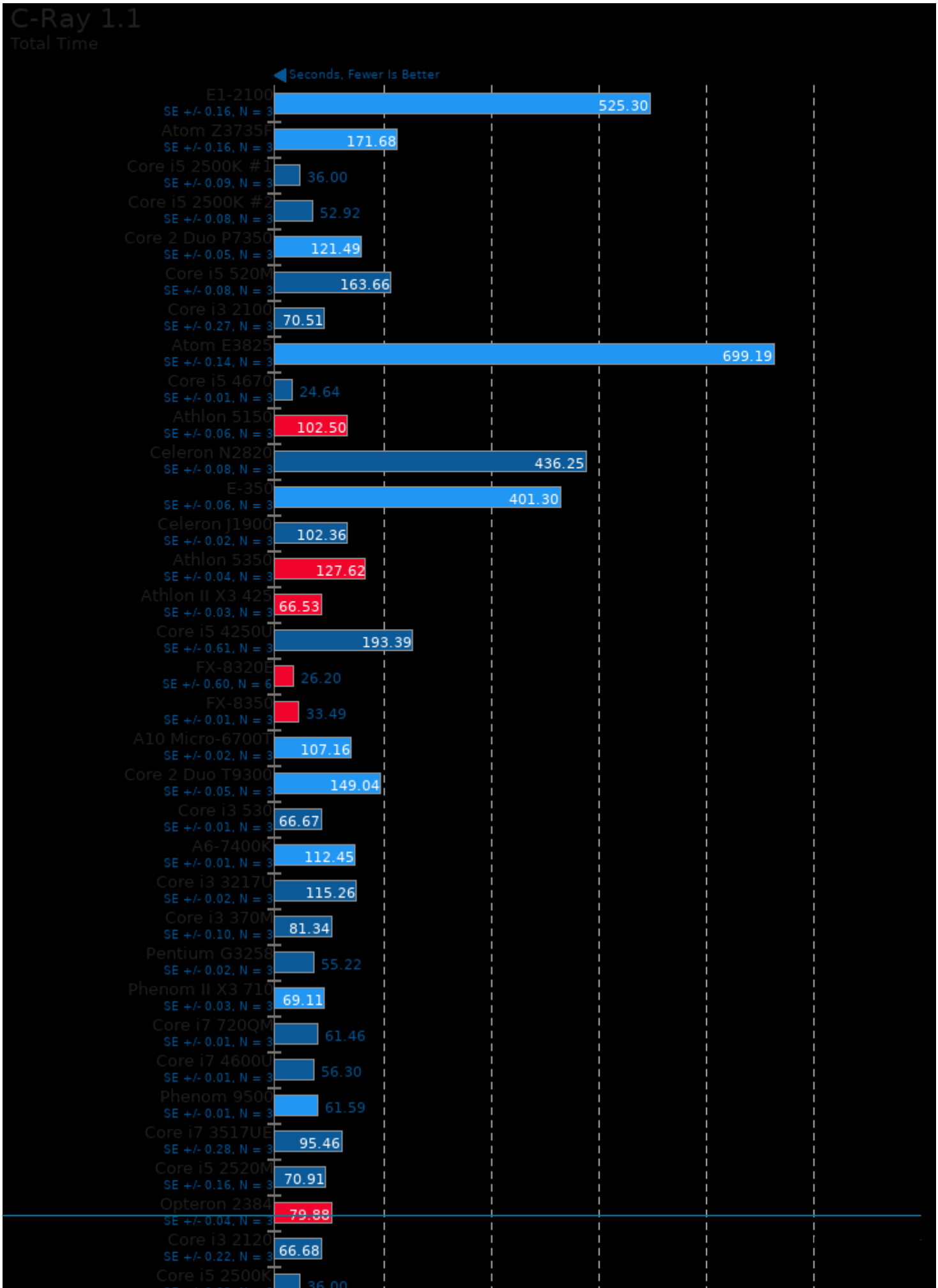


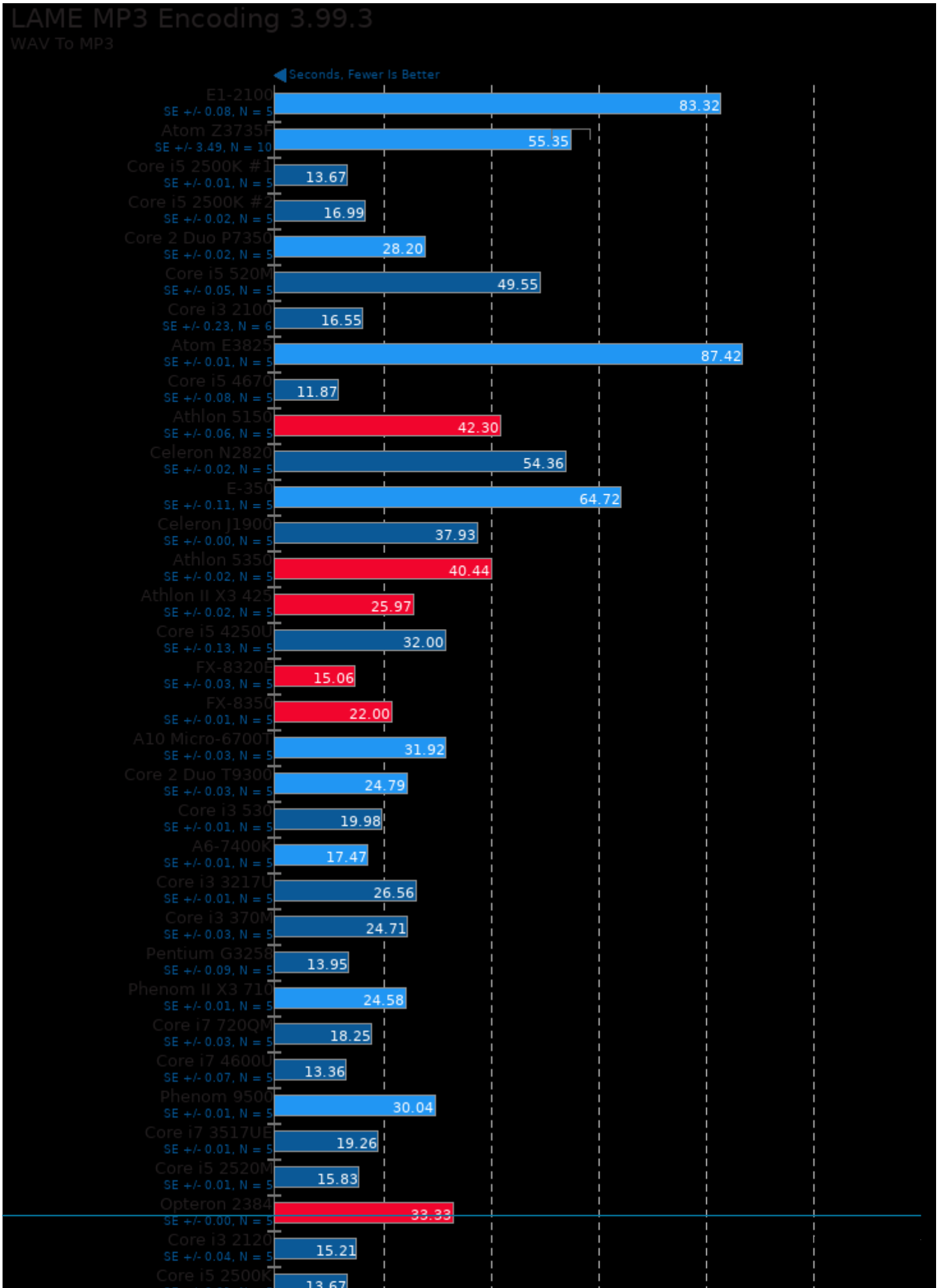
Intel Celeron N3050 NUC Linux

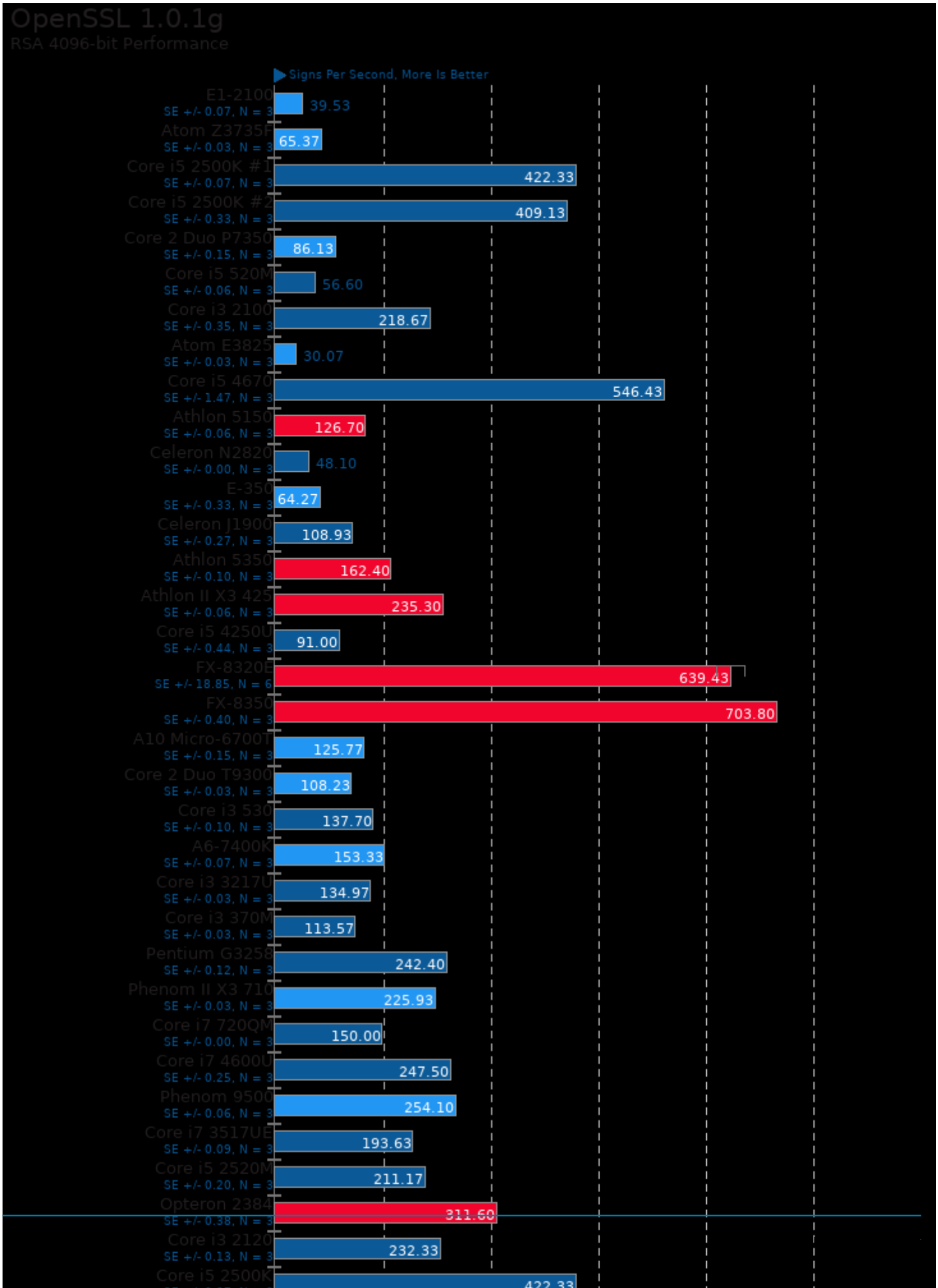

FFTE 5.0
Test: N=64, 1D Complex FFT Routine
MFLOPS, More Is Better
E1-2100
SE +/- 8.38, N = 3
964.97
Atom Z3735F
SE +/- 65.92, N = 6
1125.60
Core i5 2500K #1
SE +/- 0.53, N = 3
5285.43
Core i5 2500K #2
SE +/- 52.89, N = 3
4816.73
Core 2 Duo P7350
SE +/- 17.01, N = 3
2580.10
Core i5 520M
SE +/- 9.16, N = 3
1635.62
Core i3 2100
SE +/- 135.79, N = 6
4107.92
Atom E3825
SE +/- 0.52, N = 3
929.31
Core i5 4670
SE +/- 1.22, N = 3
5799.66
Athlon 5150
SE +/- 0.01, N = 3
1551.05
Celeron N2820
SE +/- 2.46, N = 3
1481.86
E-350
SE +/- 0.07, N = 3
1127.03
Celeron J1900
SE +/- 1.98, N = 3
1572.49
Athlon 5350
SE +/- 0.12, N = 3
1999.58
Athlon II X3 425
SE +/- 3.02, N = 3
3333.84
Core i5 4250U
SE +/- 68.83, N = 6
1980.27
FX-8320E
SE +/- 28.69, N = 3
4013.58
FX-8350
SE +/- 15.38, N = 3
3744.22
A10 Micro-6700T
SE +/- 32.90, N = 6
1852.30
Core 2 Duo T9300
SE +/- 0.63, N = 3
3559.03
Core i3 530
SE +/- 16.83, N = 3
3925.78
A6-7400K
SE +/- 38.21, N = 3
3924.31
Core i3 3217U
SE +/- 9.45, N = 3
2667.12
Core i3 370M
SE +/- 3.94, N = 3
3300.96
Pentium G3258
SE +/- 2.55, N = 3
4882.58
Phenom II X3 710
SE +/- 6.78, N = 3
3287.92
Core i7 720QM
SE +/- 5.22, N = 3
3795.73
Core i7 4600U
SE +/- 31.40, N = 3
4984.03
Phenom 9500
SE +/- 8.93, N = 3
2548.67
Core i7 3517UE
SE +/- 79.68, N = 3
3998.63
Core i5 2520M
SE +/- 102.03, N = 6
4465.98
Opteron 2384
SE +/- 0.63, N = 3
3319.95
Core i3 2120
SE +/- 8.96, N = 3
4656.73
Core i5 2500K
5285.43


x264 2014-08-30
H.264 Video Encoding
Frames Per Second, More Is Better
E1-2100
SE +/- 0.01, N = 5
9.89
Atom Z3735F
SE +/- 0.19, N = 5
19.47
Core i5 2500K #1
SE +/- 0.09, N = 5
105.35
Core i5 2500K #2
SE +/- 0.74, N = 5
102.44
Core 2 Duo P7350
SE +/- 0.06, N = 5
27.04
Core i5 520M
SE +/- 0.04, N = 5
23.79
Core i3 2100
SE +/- 0.23, N = 5
65.14
Atom E3825
SE +/- 0.05, N = 5
9.20
Core i5 4670
SE +/- 0.41, N = 5
144.76
Athlon 5150
SE +/- 0.09, N = 5
31.19
Celeron N2820
SE +/- 0.08, N = 5
15.66
E-350
SE +/- 0.05, N = 5
9.96
Celeron J1900
SE +/- 0.10, N = 5
34.84
Athlon 5350
SE +/- 0.37, N = 5
37.66
Athlon II X3 425
SE +/- 0.24, N = 5
48.68
Core i5 4250U
SE +/- 0.29, N = 5
27.57
FX-8320E
SE +/- 1.18, N = 5
183.16
FX-8350
SE +/- 0.40, N = 5
154.10
A10 Micro-6700T
SE +/- 0.27, N = 5
30.61
Core 2 Duo T9300
SE +/- 0.23, N = 5
32.66
Core i3 530
SE +/- 0.32, N = 5
54.56
A6-7400K
SE +/- 0.09, N = 5
43.03
Core i3 3217U
SE +/- 0.07, N = 5
42.19
Core i3 370M
SE +/- 0.26, N = 5
44.95
Pentium G3258
SE +/- 0.65, N = 5
64.70
Phenom II X3 710
SE +/- 0.43, N = 5
46.53
Core i7 720QM
SE +/- 0.66, N = 5
63.44
Core i7 4600U
SE +/- 0.31, N = 5
82.04
Phenom 9500
SE +/- 0.06, N = 5
47.73
Core i7 3517UE
SE +/- 0.13, N = 5
59.52
Core i5 2520M
SE +/- 0.13, N = 5
62.37
Opteron 2384
SE +/- 0.10, N = 5
59.47
Core i3 2120
SE +/- 0.47, N = 5
68.76
Core i5 2500K
105.35

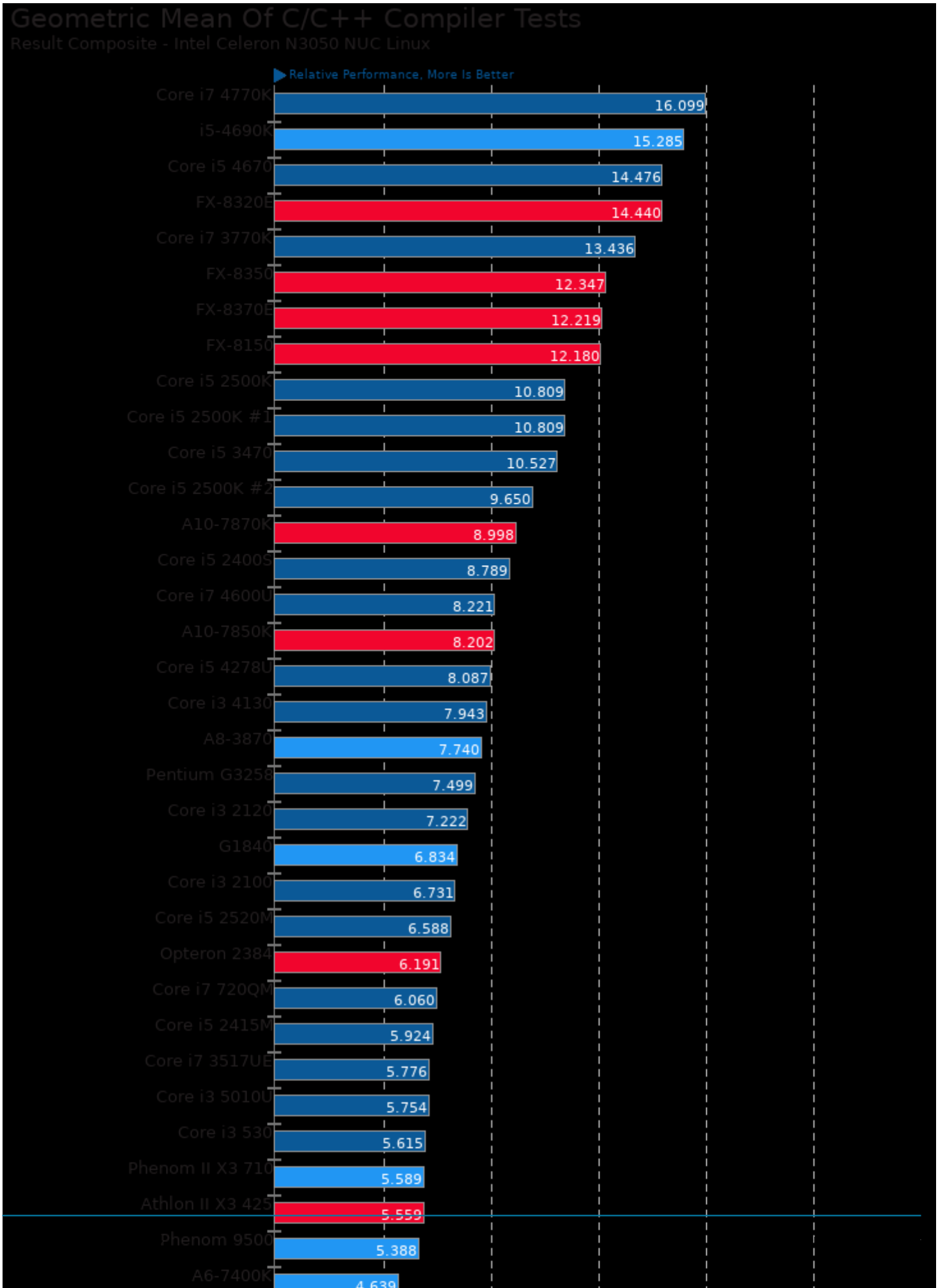

Timed Apache Compilation 2.4.7
Time To Compile
Seconds, Fewer Is Better
E1-2100
SE +/- 0.24, N = 3
330.46
Atom Z3735F
SE +/- 1.71, N = 3
203.76
Core i5 2500K #1
SE +/- 0.15, N = 3
42.16
Core i5 2500K #2
SE +/- 0.02, N = 3
38.32
Core 2 Duo P7350
SE +/- 0.19, N = 3
134.20
Core i5 520M
SE +/- 0.49, N = 3
165.87
Core i3 2100
SE +/- 0.04, N = 3
60.78
Atom E3825
SE +/- 0.15, N = 3
311.81
Core i5 4670
SE +/- 0.11, N = 3
29.27
Athlon 5150
SE +/- 0.30, N = 3
156.08
Celeron N2820
SE +/- 0.17, N = 3
207.35
E-350
SE +/- 0.04, N = 3
232.58
Celeron J1900
SE +/- 0.14, N = 3
117.35
Athlon 5350
SE +/- 0.08, N = 3
113.40
Athlon II X3 425
SE +/- 0.21, N = 3
85.89
Core i5 4250U
SE +/- 0.13, N = 3
124.51
FX-8320E
SE +/- 0.09, N = 3
32.53
FX-8350
SE +/- 0.15, N = 3
35.29
A10 Micro-6700T
SE +/- 0.25, N = 3
122.31
Core 2 Duo T9300
SE +/- 0.14, N = 3
87.36
Core i3 530
SE +/- 0.09, N = 3
69.48
A6-7400K
SE +/- 0.13, N = 3
107.47
Core i3 3217U
SE +/- 0.35, N = 3
106.96
Core i3 370M
SE +/- 0.19, N = 3
83.60
Pentium G3258
SE +/- 0.39, N = 3
59.08
Phenom II X3 710
SE +/- 0.21, N = 3
78.08
Core i7 720QM
SE +/- 0.05, N = 3
71.39
Core i7 4600U
SE +/- 0.07, N = 3
49.44
Phenom 9500
SE +/- 0.24, N = 3
99.35
Core i7 3517UE
SE +/- 0.17, N = 3
67.08
Core i5 2520M
SE +/- 0.08, N = 3
65.02
Opteron 2384
SE +/- 0.15, N = 3
52.63
Core i3 2120
SE +/- 0.31, N = 3
55.13
Core i5 2500K
42.16


C-Ray 1.1
Total Time
Seconds, Fewer Is Better
E1-2100
SE +/- 0.16, N = 3
525.30
Atom Z3735F
SE +/- 0.16, N = 3
171.68
Core i5 2500K #1
SE +/- 0.09, N = 3
36.00
Core i5 2500K #2
SE +/- 0.08, N = 3
52.92
Core 2 Duo P7350
SE +/- 0.05, N = 3
121.49
Core i5 520M
SE +/- 0.08, N = 3
163.66
Core i3 2100
SE +/- 0.27, N = 3
70.51
Atom E3825
SE +/- 0.14, N = 3
699.19
Core i5 4670
SE +/- 0.01, N = 3
24.64
Athlon 5150
SE +/- 0.06, N = 3
102.50
Celeron N2820
SE +/- 0.08, N = 3
436.25
E-350
SE +/- 0.06, N = 3
401.30
Celeron J1900
SE +/- 0.02, N = 3
102.36
Athlon 5350
SE +/- 0.04, N = 3
127.62
Athlon II X3 425
SE +/- 0.03, N = 3
66.53
Core i5 4250U
SE +/- 0.61, N = 3
193.39
FX-8320E
SE +/- 0.60, N = 6
26.20
FX-8350
SE +/- 0.01, N = 3
33.49
A10 Micro-6700T
SE +/- 0.02, N = 3
107.16
Core 2 Duo T9300
SE +/- 0.05, N = 3
149.04
Core i3 530
SE +/- 0.01, N = 3
66.67
A6-7400K
SE +/- 0.01, N = 3
112.45
Core i3 3217U
SE +/- 0.02, N = 3
115.26
Core i3 370M
SE +/- 0.10, N = 3
81.34
Pentium G3258
SE +/- 0.02, N = 3
55.22
Phenom II X3 710
SE +/- 0.03, N = 3
69.11
Core i7 720QM
SE +/- 0.01, N = 3
61.46
Core i7 4600U
SE +/- 0.01, N = 3
56.30
Phenom 9500
SE +/- 0.01, N = 3
61.59
Core i7 3517UE
SE +/- 0.28, N = 3
95.46
Core i5 2520M
SE +/- 0.16, N = 3
70.91
Opteron 2384
SE +/- 0.04, N = 3
79.88
Core i3 2120
SE +/- 0.22, N = 3
66.68
Core i5 2500K
36.00


LAME MP3 Encoding 3.99.3
WAV To MP3
Seconds, Fewer Is Better
E1-2100
SE +/- 0.08, N = 5
83.32
Atom Z3735F
SE +/- 3.49, N = 10
55.35
Core i5 2500K #1
SE +/- 0.01, N = 5
13.67
Core i5 2500K #2
SE +/- 0.02, N = 5
16.99
Core 2 Duo P7350
SE +/- 0.02, N = 5
28.20
Core i5 520M
SE +/- 0.05, N = 5
49.55
Core i3 2100
SE +/- 0.23, N = 6
16.55
Atom E3825
SE +/- 0.01, N = 5
87.42
Core i5 4670
SE +/- 0.08, N = 5
11.87
Athlon 5150
SE +/- 0.06, N = 5
42.30
Celeron N2820
SE +/- 0.02, N = 5
54.36
E-350
SE +/- 0.11, N = 5
64.72
Celeron J1900
SE +/- 0.00, N = 5
37.93
Athlon 5350
SE +/- 0.02, N = 5
40.44
Athlon II X3 425
SE +/- 0.02, N = 5
25.97
Core i5 4250U
SE +/- 0.13, N = 5
32.00
FX-8320E
SE +/- 0.03, N = 5
15.06
FX-8350
SE +/- 0.01, N = 5
22.00
A10 Micro-6700T
SE +/- 0.03, N = 5
31.92
Core 2 Duo T9300
SE +/- 0.03, N = 5
24.79
Core i3 530
SE +/- 0.01, N = 5
19.98
A6-7400K
SE +/- 0.01, N = 5
17.47
Core i3 3217U
SE +/- 0.01, N = 5
26.56
Core i3 370M
SE +/- 0.03, N = 5
24.71
Pentium G3258
SE +/- 0.09, N = 5
13.95
Phenom II X3 710
SE +/- 0.01, N = 5
24.58
Core i7 720QM
SE +/- 0.03, N = 5
18.25
Core i7 4600U
SE +/- 0.07, N = 5
13.36
Phenom 9500
SE +/- 0.01, N = 5
30.04
Core i7 3517UE
SE +/- 0.01, N = 5
19.26
Core i5 2520M
SE +/- 0.01, N = 5
15.83
Opteron 2384
SE +/- 0.00, N = 5
33.33
Core i3 2120
SE +/- 0.04, N = 5
15.21
Core i5 2500K
13.67

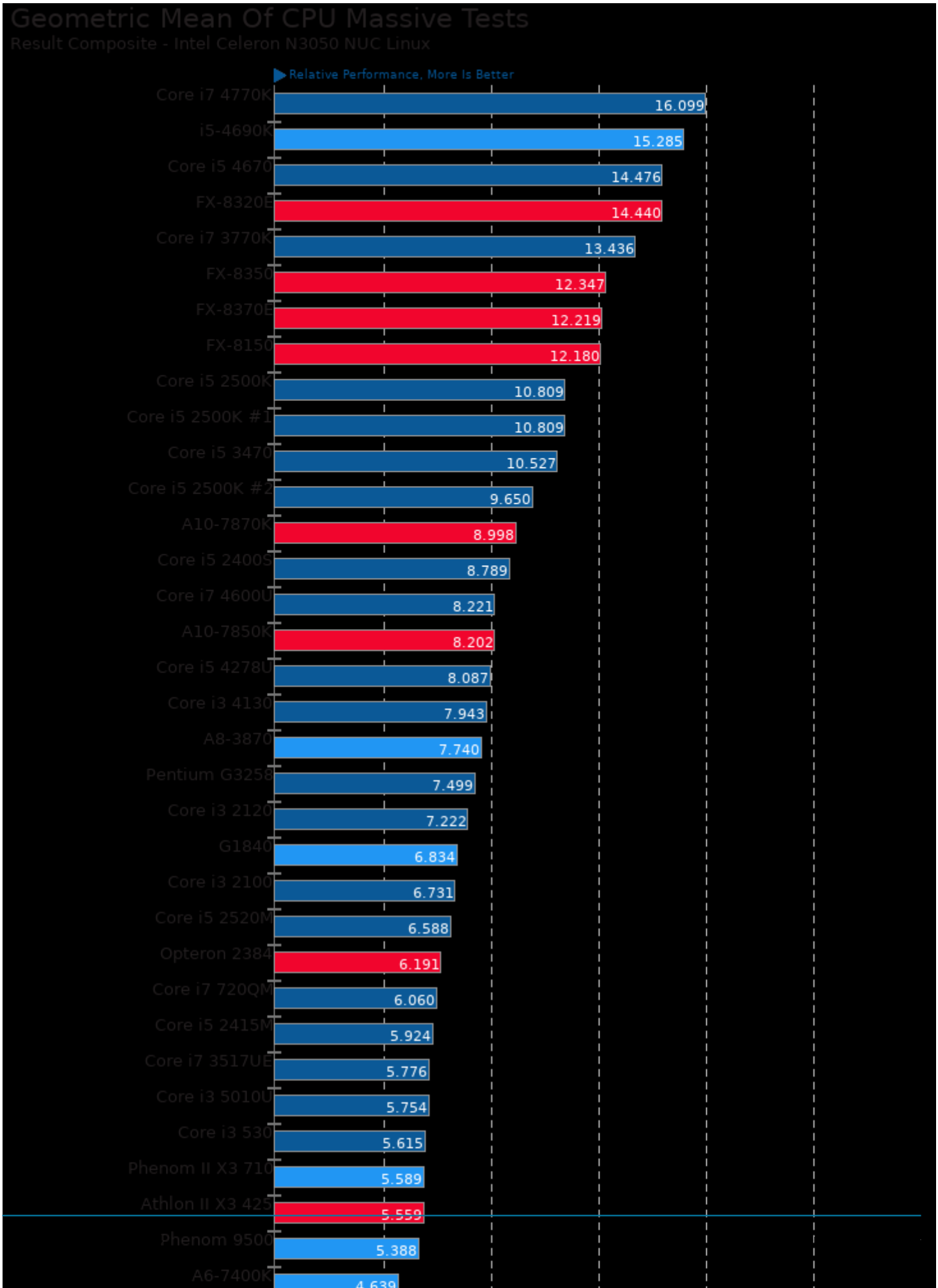

OpenSSL 1.0.1g
RSA 4096-bit Performance
Signs Per Second, More Is Better
E1-2100
SE +/- 0.07, N = 3
39.53
Atom Z3735F
SE +/- 0.03, N = 3
65.37
Core i5 2500K #1
SE +/- 0.07, N = 3
422.33
Core i5 2500K #2
SE +/- 0.33, N = 3
409.13
Core 2 Duo P7350
SE +/- 0.15, N = 3
86.13
Core i5 520M
SE +/- 0.06, N = 3
56.60
Core i3 2100
SE +/- 0.35, N = 3
218.67
Atom E3825
SE +/- 0.03, N = 3
30.07
Core i5 4670
SE +/- 1.47, N = 3
546.43
Athlon 5150
SE +/- 0.06, N = 3
126.70
Celeron N2820
SE +/- 0.00, N = 3
48.10
E-350
SE +/- 0.33, N = 3
64.27
Celeron J1900
SE +/- 0.27, N = 3
108.93
Athlon 5350
SE +/- 0.10, N = 3
162.40
Athlon II X3 425
SE +/- 0.06, N = 3
235.30
Core i5 4250U
SE +/- 0.44, N = 3
91.00
FX-8320E
SE +/- 18.85, N = 6
639.43
FX-8350
SE +/- 0.40, N = 3
703.80
A10 Micro-6700T
SE +/- 0.15, N = 3
125.77
Core 2 Duo T9300
SE +/- 0.03, N = 3
108.23
Core i3 530
SE +/- 0.10, N = 3
137.70
A6-7400K
SE +/- 0.07, N = 3
153.33
Core i3 3217U
SE +/- 0.03, N = 3
134.97
Core i3 370M
SE +/- 0.03, N = 3
113.57
Pentium G3258
SE +/- 0.12, N = 3
242.40
Phenom II X3 710
SE +/- 0.03, N = 3
225.93
Core i7 720QM
SE +/- 0.00, N = 3
150.00
Core i7 4600U
SE +/- 0.25, N = 3
247.50
Phenom 9500
SE +/- 0.06, N = 3
254.10
Core i7 3517UE
SE +/- 0.09, N = 3
193.63
Core i5 2520M
SE +/- 0.20, N = 3
211.17
Opteron 2384
SE +/- 0.38, N = 3
311.60
Core i3 2120
SE +/- 0.13, N = 3
232.33
Core i5 2500K
422.33

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


Geometric Mean Of C/C++ Compiler Tests
Result Composite - Intel Celeron N3050 NUC Linux
Relative Performance, More Is Better
Core i7 4770K 16.099
i5-4690K 15.285
Core i5 4670 14.476
FX-8320E 14.440
Core i7 3770K 13.436
FX-8350 12.347
FX-8370E 12.219
FX-8150 12.180
Core i5 2500K 10.809
Core i5 2500K #1 10.809
Core i5 3470 10.527
Core i5 2500K #2 9.650
A10-7870K 8.998
Core i5 2400S 8.789
Core i7 4600U 8.221
A10-7850K 8.202
Core i5 4278U 8.087
Core i3 4130 7.943
A8-3870 7.740
Pentium G3258 7.499
Core i3 2120 7.222
G1840 6.834
Core i3 2100 6.731
Core i5 2520M 6.588
Opteron 2384 6.191
Core i7 720QM 6.060
Core i5 2415M 5.924
Core i7 3517UE 5.776
Core i3 5010U 5.754
Core i3 530 5.615
Phenom II X3 710 5.589
Athlon II X3 425 5.559
Phenom 9500 5.388
A6-7400K 4.639

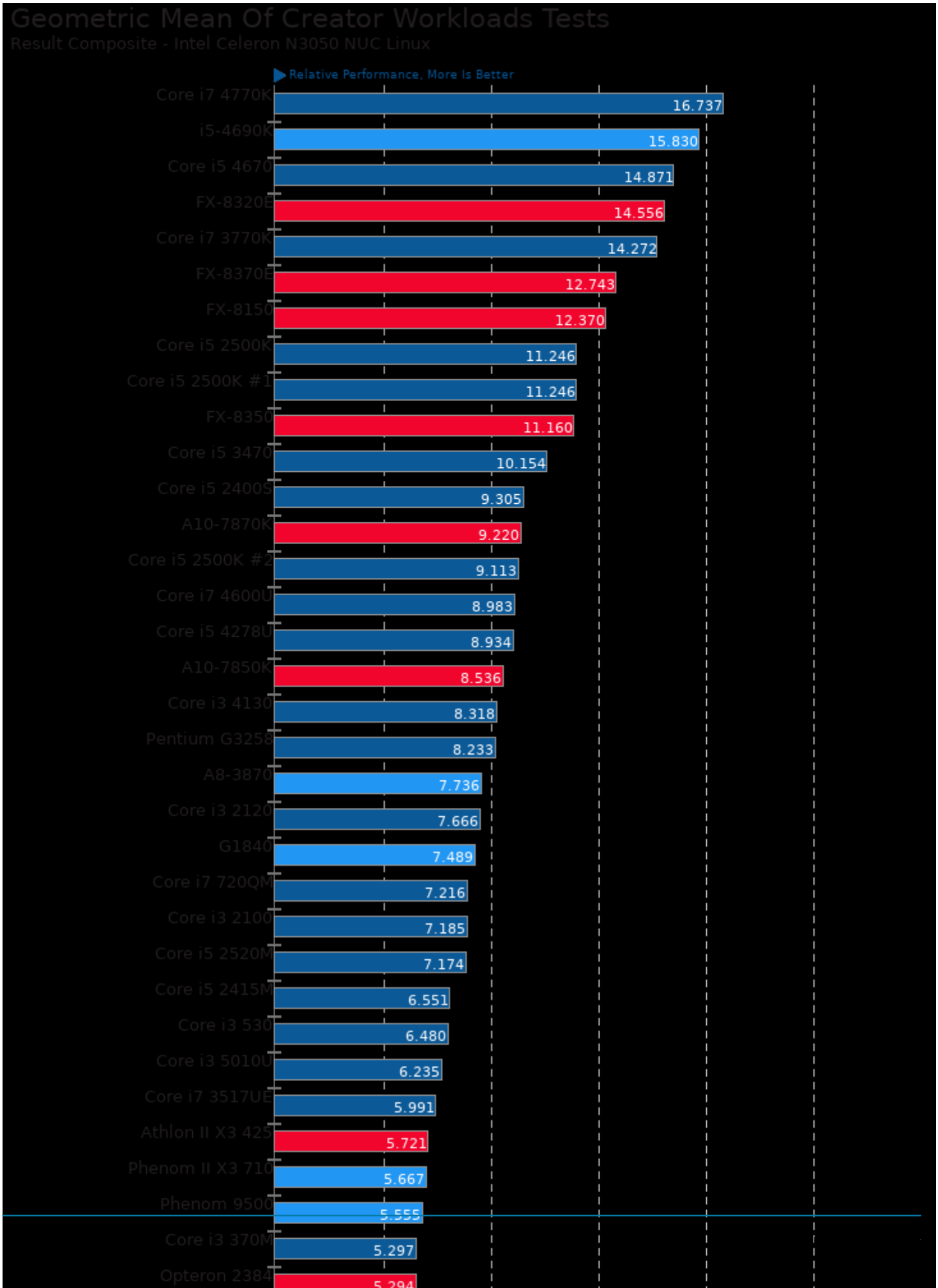
Intel Celeron N3050 NUC Linux

Geometric mean based upon tests: pts/c-ray, pts/encode-mp3, pts/x264, pts/openssl and pts/build-apache


Geometric Mean Of CPU Massive Tests
Result Composite - Intel Celeron N3050 NUC Linux
Relative Performance, More Is Better
Core i7 4770K 16.099
i5-4690K 15.285
Core i5 4670 14.476
FX-8320E 14.440
Core i7 3770K 13.436
FX-8350 12.347
FX-8370E 12.219
FX-8150 12.180
Core i5 2500K 10.809
Core i5 2500K #1 10.809
Core i5 3470 10.527
Core i5 2500K #2 9.650
A10-7870K 8.998
Core i5 2400S 8.789
Core i7 4600U 8.221
A10-7850K 8.202
Core i5 4278U 8.087
Core i3 4130 7.943
A8-3870 7.740
Pentium G3258 7.499
Core i3 2120 7.222
G1840 6.834
Core i3 2100 6.731
Core i5 2520M 6.588
Opteron 2384 6.191
Core i7 720QM 6.060
Core i5 2415M 5.924
Core i7 3517UE 5.776
Core i3 5010U 5.754
Core i3 530 5.615
Phenom II X3 710 5.589
Athlon II X3 425 5.559
Phenom 9500 5.388
A6-7400K 4.639

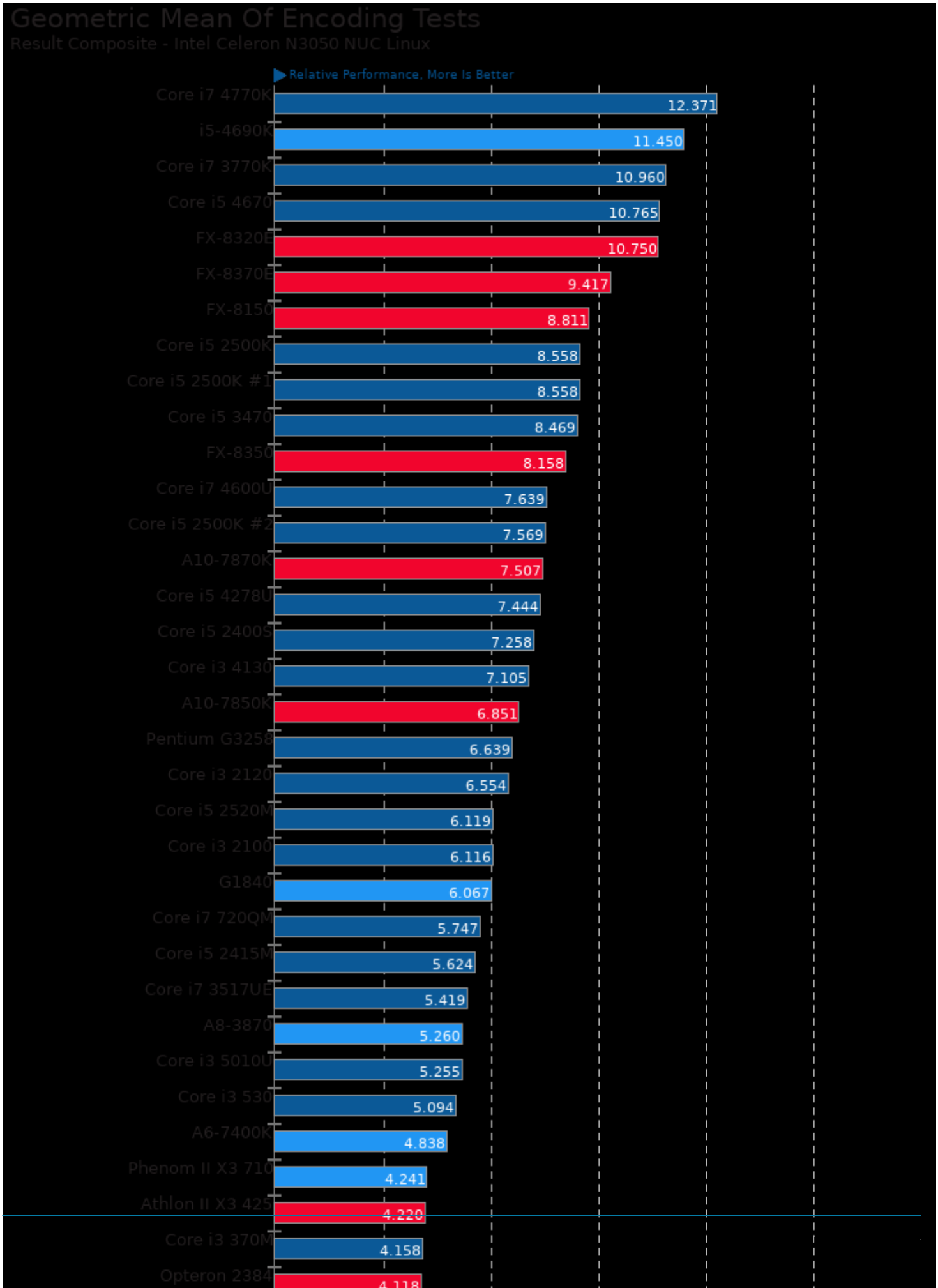
Intel Celeron N3050 NUC Linux

Geometric mean based upon tests: pts/build-apache, pts/c-ray, pts/x264, pts/encode-mp3 and pts/openssl


Geometric Mean Of Creator Workloads Tests
Result Composite - Intel Celeron N3050 NUC Linux
Relative Performance, More Is Better
Core i7 4770K 16.737
i5-4690K 15.830
Core i5 4670 14.871
FX-8320E 14.556
Core i7 3770K 14.272
FX-8370E 12.743
FX-8150 12.370
Core i5 2500K 11.246
Core i5 2500K #1 11.246
FX-8350 11.160
Core i5 3470 10.154
Core i5 2400S 9.305
A10-7870K 9.220
Core i5 2500K #2 9.113
Core i7 4600U 8.983
Core i5 4278U 8.934
A10-7850K 8.536
Core i3 4130 8.318
Pentium G3258 8.233
A8-3870 7.736
Core i3 2120 7.666
G1840 7.489
Core i7 720QM 7.216
Core i3 2100 7.185
Core i5 2520M 7.174
Core i5 2415M 6.551
Core i3 530 6.480
Core i3 5010U 6.235
Core i7 3517UE 5.991
Athlon II X3 425 5.721
Phenom II X3 710 5.667
Phenom 9500 5.555
Core i3 370M 5.297
Opteron 2384 5.294

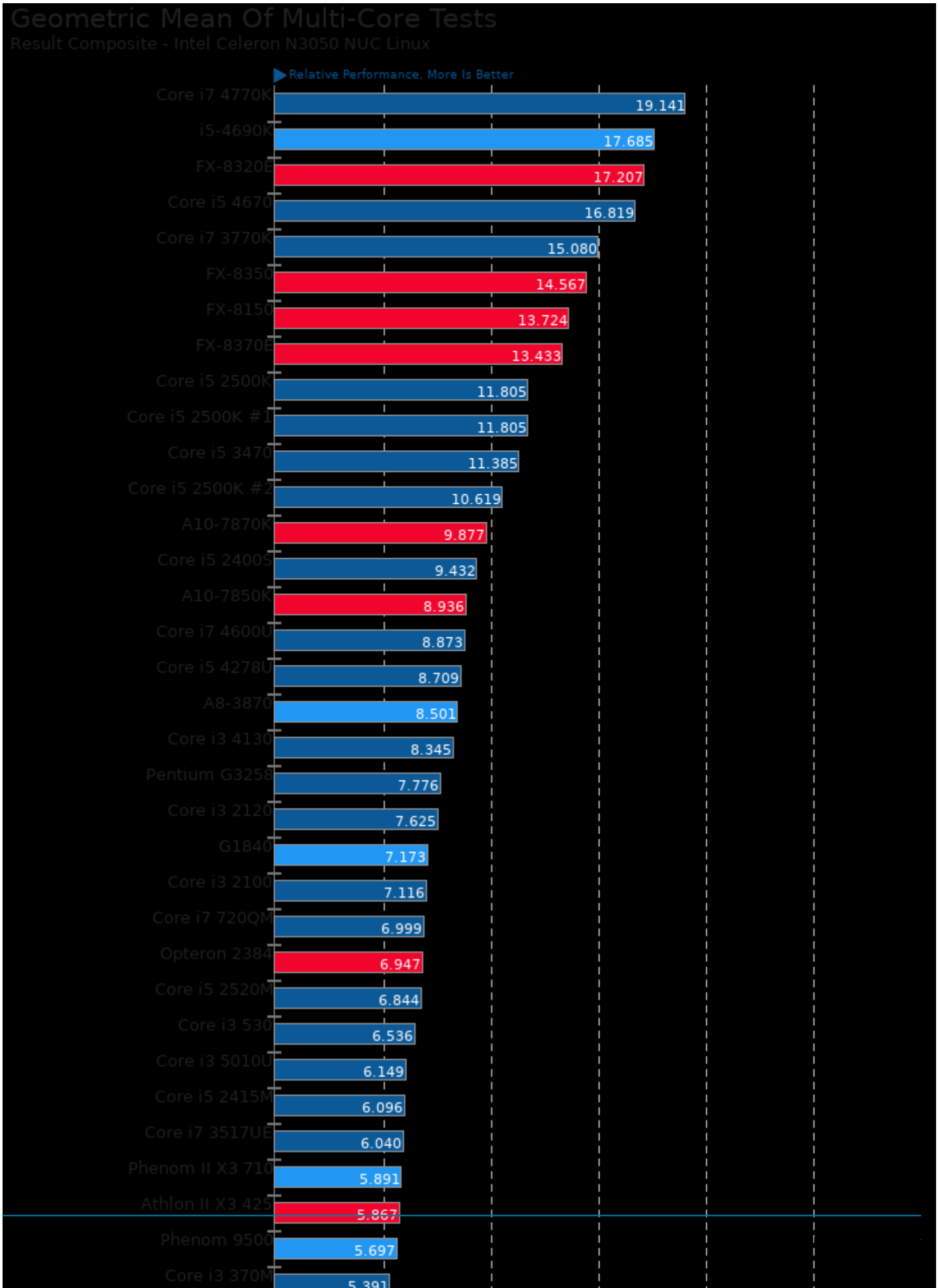
Intel Celeron N3050 NUC Linux

Geometric mean based upon tests: pts/c-ray, pts/x264 and pts/encode-mp3


Geometric Mean Of Encoding Tests
Result Composite - Intel Celeron N3050 NUC Linux
Relative Performance, More Is Better
Core i7 4770K 12.371
i5-4690K 11.450
Core i7 3770K 10.960
Core i5 4670 10.765
FX-8320E 10.750
FX-8370E 9.417
FX-8150 8.811
Core i5 2500K 8.558
Core i5 2500K #1 8.558
Core i5 3470 8.469
FX-8350 8.158
Core i7 4600U 7.639
Core i5 2500K #2 7.569
A10-7870K 7.507
Core i5 4278U 7.444
Core i5 2400S 7.258
Core i3 4130 7.105
A10-7850K 6.851
Pentium G3258 6.639
Core i3 2120 6.554
Core i5 2520M 6.119
Core i3 2100 6.116
G1840 6.067
Core i7 720QM 5.747
Core i5 2415M 5.624
Core i7 3517UE 5.419
A8-3870 5.260
Core i3 5010U 5.255
Core i3 530 5.094
A6-7400K 4.838
Phenom II X3 710 4.241
Athlon II X3 425 4.220
Core i3 370M 4.158
Opteron 2384 4.118

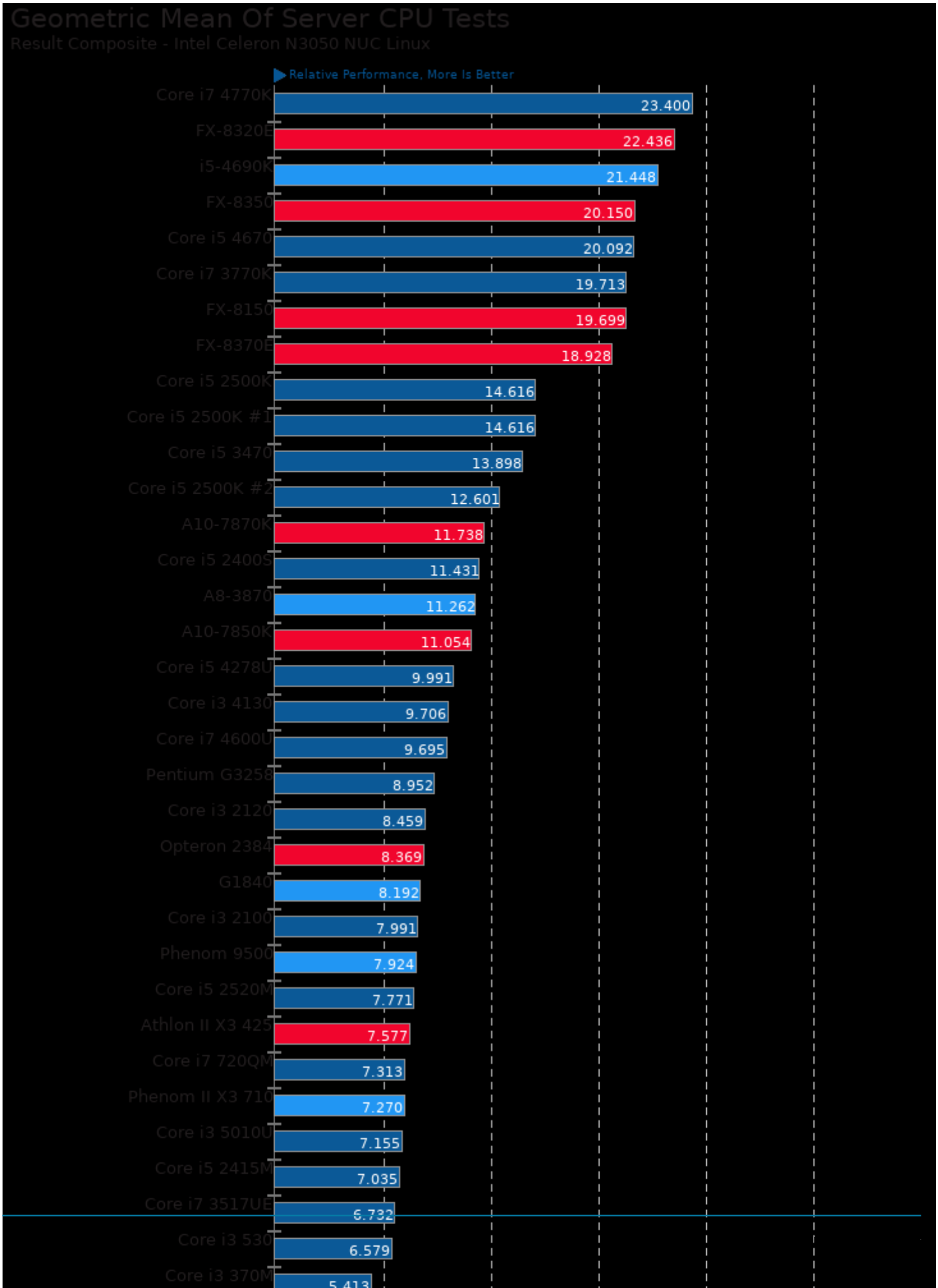
Intel Celeron N3050 NUC Linux

Geometric mean based upon tests: pts/encode-mp3 and pts/x264


Geometric Mean Of Multi-Core Tests
Result Composite - Intel Celeron N3050 NUC Linux
Relative Performance, More Is Better
Core i7 4770K 19.141
i5-4690K 17.685
FX-8320E 17.207
Core i5 4670 16.819
Core i7 3770K 15.080
FX-8350 14.567
FX-8150 13.724
FX-8370E 13.433
Core i5 2500K 11.805
Core i5 2500K #1 11.805
Core i5 3470 11.385
Core i5 2500K #2 10.619
A10-7870K 9.877
Core i5 2400S 9.432
A10-7850K 8.936
Core i7 4600U 8.873
Core i5 4278U 8.709
A8-3870 8.501
Core i3 4130 8.345
Pentium G3258 7.776
Core i3 2120 7.625
G1840 7.173
Core i3 2100 7.116
Core i7 720QM 6.999
Opteron 2384 6.947
Core i5 2520M 6.844
Core i3 530 6.536
Core i3 5010U 6.149
Core i5 2415M 6.096
Core i7 3517UE 6.040
Phenom II X3 710 5.891
Athlon II X3 425 5.867
Phenom 9500 5.697
Core i3 370M 5.391

Intel Celeron N3050 NUC Linux

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


Geometric Mean Of Server CPU Tests
Result Composite - Intel Celeron N3050 NUC Linux
Relative Performance, More Is Better
Core i7 4770K 23.400
FX-8320E 22.436
i5-4690K 21.448
FX-8350 20.150
Core i5 4670 20.092
Core i7 3770K 19.713
FX-8150 19.699
FX-8370E 18.928
Core i5 2500K 14.616
Core i5 2500K #1 14.616
Core i5 3470 13.898
Core i5 2500K #2 12.601
A10-7870K 11.738
Core i5 2400S 11.431
A8-3870 11.262
A10-7850K 11.054
Core i5 4278U 9.991
Core i3 4130 9.706
Core i7 4600U 9.695
Pentium G3258 8.952
Core i3 2120 8.459
Opteron 2384 8.369
G1840 8.192
Core i3 2100 7.991
Phenom 9500 7.924
Core i5 2520M 7.771
Athlon II X3 425 7.577
Core i7 720QM 7.313
Phenom II X3 710 7.270
Core i3 5010U 7.155
Core i5 2415M 7.035
Core i7 3517UE 6.732
Core i3 530 6.579
Core i3 370M 5.413

Intel Celeron N3050 NUC Linux

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

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 16:29.