

www.phoronix-test-suite.com

smallpt1

AMD Ryzen 5 2600X Six-Core testing with a ASRock B450M/ac (P1.20 BIOS) and Sapphire AMD Radeon RX 5600 OEM/5600 XT / 5700/5700 6GB on ManjaroLinux 19.0 via the Phoronix Test Suite.

Test Systems:

smallpt1

Processor: Intel Core i5-3340M @ 3.40GHz (2 Cores / 4 Threads), Motherboard: TOSHIBA Portable PC (6.70 BIOS), Chipset: Intel 3rd Gen Core DRAM, Memory: 8192MB, Disk: 240GB CT240BX500SSD1 + 640GB + 500GB, Graphics: Intel Ivybridge Mobile 2GB (1250MHz), Audio: Realtek ALC269VB, Monitor: L185V, Network: Qualcomm Atheros AR8162 + Realtek RTL8188EE

OS: ManjaroLinux 18.1.1, Kernel: 5.3.7-2-MANJARO (x86_64), Display Server: X Server 1.20.5, Display Driver: intel 2.99.917, OpenGL: 4.2 Mesa 19.2.2, Compiler: GCC 9.2.0 + Clang 9.0.0 + LLVM 9.0.0, File-System: ext4, Screen Resolution: 2732x768

Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty

--enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++ --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: intel_pstate powersave
Security Notes: l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Vulnerable: Clear buffers attempted no microcode; SMT vulnerable + meltdown: Mitigation of PTI + spec_store_bypass: Vulnerable + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline STIBP: disabled RSB filling

smallpt4

Processor: AMD Ryzen 3 3200G (4 Cores), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD Raven/Raven2, Memory: 16384MB, Disk: 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1385/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.2, Kernel: 5.4.0-1-MANJARO (x86_64), Desktop: Deepin Desktop Environment, Display Server: X Server 1.20.5, OpenGL: 4.5 Mesa 19.2.3 (LLVM 9.0.0), Vulkan: 1.1.107, Compiler: GCC 9.2.0 + Clang 8.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff amdgpu.dcfeaturemask=2
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Security Notes: l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling

test

test2

Processor: AMD Ryzen 3 3200G @ 3.60GHz (4 Cores), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD Raven/Raven2, Memory: 16384MB, Disk: 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1380/1920MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.3, Kernel: 5.4.0-1-MANJARO (x86_64), Desktop: Deepin Desktop Environment, Display Server: X Server 1.20.5, OpenGL: 4.5 Mesa 20.0.0-devel (git-2e64afa5e3) (LLVM 9.0.0), Vulkan: 1.1.107, Compiler: GCC 9.2.0 + Clang 8.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff amdgpu.dcfeaturemask=2
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq userspace
Security Notes: l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling

test3

Processor: AMD Ryzen 3 3200G (4 Cores), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD Raven/Raven2, Memory: 16384MB, Disk: 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1380/1920MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.3, Kernel: 5.4.0-1-MANJARO (x86_64), Desktop: Deepin Desktop Environment, Display Server: X Server 1.20.5, OpenGL: 4.5 Mesa 20.0.0-devel (git-2e64afa5e3) (LLVM 9.0.0), Vulkan: 1.1.107, Compiler: GCC 9.2.0 + Clang 8.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff amdgpu.dcfeaturemask=2
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Security Notes: l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling

test4

Processor: AMD Ryzen 3 3200G (4 Cores), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD Raven/Raven2, Memory: 16384MB, Disk: 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS + 80GB + 500GB HGST HTS545050A7 + 240GB CT240BX500SSD1 + 16GB USB Flash Disk, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1380/1920MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.3, Kernel: 5.4.0-1-MANJARO (x86_64), Desktop: Deepin Desktop Environment, Display Server: X Server 1.20.5, OpenGL: 4.5 Mesa 20.0.0-devel (git-2e64afa5e3) (LLVM 9.0.0), Vulkan: 1.1.107, Compiler: GCC 9.2.0 + Clang 8.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff amdgpu.dcfeaturemask=2
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Security Notes: l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling

5

Processor: AMD Ryzen 3 3200G (4 Cores), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD Raven/Raven2, Memory: 16384MB, Disk: 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1380/1920MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.3, Kernel: 5.4.0-1-MANJARO (x86_64), Desktop: Deepin Desktop Environment, Display Server: X Server 1.20.5, OpenGL: 4.5 Mesa 20.0.0-devel (git-2e64afa5e3) (LLVM 9.0.0), Vulkan: 1.1.107, Compiler: GCC 9.2.0 + Clang 8.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff amdgpu.dcfeaturemask=2
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Security Notes: l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling

6

Processor: AMD Ryzen 3 3200G @ 3.60GHz (4 Cores), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD Raven/Raven2, Memory: 16384MB, Disk: 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 16GB USB Flash Disk + 500GB HGST HTS545050A7 + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1380/1920MHz), Audio: AMD Ellesmere HDMI Audio, Monitor:

L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.3, Kernel: 5.4.0-1-MANJARO (x86_64), Desktop: Deepin Desktop Environment, Display Server: X Server 1.20.5, OpenGL: 4.5 Mesa 20.0.0-devel (git-2e64afa5e3) (LLVM 9.0.0), Vulkan: 1.1.107, Compiler: GCC 9.2.0 + Clang 8.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff amdgpu.dcfeaturemask=2
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq schedutil
Security Notes: l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling

7

Processor: AMD Ryzen 3 3200G (4 Cores), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD Raven/Raven2, Memory: 16384MB, Disk: 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1380/1920MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.3, Kernel: 5.4.0-1-MANJARO (x86_64), Desktop: Deepin Desktop Environment, Display Server: X Server 1.20.5, OpenGL: 4.5 Mesa 20.0.0-devel (git-2e64afa5e3) (LLVM 9.0.0), Vulkan: 1.1.107, Compiler: GCC 9.2.0 + Clang 8.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff amdgpu.dcfeaturemask=2
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Security Notes: l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling

8

Processor: AMD Ryzen 3 3200G (4 Cores), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD Raven/Raven2, Memory: 16384MB, Disk: 80GB + 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1366/1750MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.3, Kernel: 5.4.0-2-MANJARO (x86_64), Desktop: Deepin Desktop Environment, Display Server: X Server 1.20.6, OpenGL: 4.5 Mesa 19.2.6 (LLVM 9.0.0), Vulkan: 1.1.107, Compiler: GCC 9.2.0 + Clang 9.0.0 + LLVM 9.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

test9

Processor: AMD Ryzen 3 3200G (4 Cores), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD

Raven/Raven2, Memory: 16384MB, Disk: 80GB + 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1366/1750MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.3, Kernel: 5.4.1-2-MANJARO (x86_64), Desktop: Deepin Desktop Environment, Display Server: X Server 1.20.6, OpenGL: 4.5 Mesa 19.2.6 (LLVM 9.0.0), Vulkan: 1.1.107, Compiler: GCC 9.2.0 + Clang 9.0.0 + LLVM 9.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

10

Processor: AMD Ryzen 3 3200G (4 Cores), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD Raven/Raven2, Memory: 16384MB, Disk: 80GB + 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1390/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.3, Kernel: 5.4.1-2-MANJARO (x86_64), Desktop: Deepin Desktop Environment, Display Server: X Server 1.20.6, OpenGL: 4.5 Mesa 19.2.6 (LLVM 9.0.0), Vulkan: 1.1.107, Compiler: GCC 9.2.0 + Clang 9.0.0 + LLVM 9.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

kernel 5.3.14

Processor: AMD Ryzen 3 3200G (4 Cores), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD Raven/Raven2, Memory: 16384MB, Disk: 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1390/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.3, Kernel: 5.3.14-1-MANJARO (x86_64), Desktop: Deepin Desktop Environment, Display Server: X Server 1.20.6, OpenGL: 4.5 Mesa 19.2.6 (LLVM 9.0.0), Vulkan: 1.1.107, Compiler: GCC 9.2.0 + Clang 9.0.0 + LLVM 9.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

Ryzen 2600X

Processor: AMD Ryzen 5 2600X Six-Core @ 4.00GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 80GB + 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1390/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: Arch rolling, Kernel: 5.4.2-arch1-1 (x86_64), Desktop: Budgie, Display Server: X Server 1.20.6, Display Driver: modesetting 1.20.6, OpenGL: 4.5 Mesa 19.2.7 (LLVM 9.0.0), OpenCL: OpenCL 1.1 Mesa 19.2.7, Vulkan: 1.1.107, Compiler: GCC 9.2.0 + Clang 9.0.0 + LLVM 9.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq schedutil - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

5.5-tkg

Processor: AMD Ryzen 5 2600X Six-Core @ 4.00GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1390/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: Arch rolling, Kernel: 5.5.0-rc1-1-tkg-pds (x86_64), Desktop: Budgie, Display Server: X Server 1.20.6, Display Driver: modesetting 1.20.6, OpenGL: 4.5 Mesa 19.2.7 (LLVM 9.0.0), OpenCL: OpenCL 1.1 Mesa 19.2.7, Vulkan: 1.1.127, Compiler: GCC 9.2.0 + Clang 9.0.0 + LLVM 9.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

Precision Boost Overdrive

PBO 5.5-tkg

pbo3

Processor: AMD Ryzen 5 2600X Six-Core @ 3.60GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1390/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: Arch rolling, Kernel: 5.5.0-rc1-1-tkg-pds (x86_64), Desktop: Budgie, Display Server: X Server 1.20.6, Display Driver: modesetting 1.20.6, OpenGL: 4.5 Mesa 20.0.0-devel (git-3409c06e26) (LLVM 9.0.0), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-3409c06e26), Vulkan: 1.1.127, Compiler: GCC 9.2.0 + Clang 9.0.0 + LLVM 9.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

5.5-rc

Gamemode

async

Processor: AMD Ryzen 5 2600X Six-Core @ 3.60GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1390/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.4, Kernel: 5.5.0-2-MANJARO (x86_64), Desktop: GNOME Shell 3.34.2, Display Server: X Server 1.20.6, OpenGL: 4.5 Mesa 19.3.0 (LLVM 9.0.0), Vulkan: 1.1.127, Compiler: GCC 9.2.0 + Clang 9.0.0 + LLVM 9.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

modesetting attempt

schedutil

Processor: AMD Ryzen 5 2600X Six-Core @ 3.60GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1390/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.5, Kernel: 5.4.6-2-MANJARO (x86_64), Desktop: GNOME Shell 3.34.2, Display Server: X Server 1.20.6, OpenGL: 4.5 Mesa 20.0.0-devel (git-3409c06e26) (LLVM 9.0.0), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-3409c06e26), Vulkan: 1.1.129, Compiler: GCC 9.2.0 + Clang 9.0.0 + LLVM 9.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq schedutil - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

4.0GHz

Processor: AMD Ryzen 5 2600X Six-Core @ 4.00GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1390/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.5, Kernel: 5.4.6-2-MANJARO (x86_64), Display Server: X Server 1.20.6, OpenGL: 4.5 Mesa 20.0.0-devel (git-3409c06e26) (LLVM 9.0.0), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-3409c06e26), Vulkan: 1.1.129, Compiler: GCC 9.2.0 + Clang 9.0.0 + LLVM 9.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

fsync kernel

Processor: AMD Ryzen 5 2600X Six-Core @ 4.00GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1390/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.5, Kernel: 5.4.3-arch1-1-fsync (x86_64), Desktop: KDE Frameworks 5.65.0, Display Server: X Server 1.20.6, OpenGL: 4.5 Mesa 20.0.0-devel (git-3409c06e26) (LLVM 9.0.0), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-3409c06e26), Vulkan: 1.1.129, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

Arch Linux

Processor: AMD Ryzen 5 2600X Six-Core @ 4.03GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 +

80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1390/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: Arch rolling, Kernel: 5.5.0-rc1-1-tkg-pds (x86_64), Desktop: GNOME Shell 3.34.2, Display Server: X Server 1.20.6, Display Driver: modesetting 1.20.6, OpenGL: 4.5 Mesa 20.0.0-devel (git-3409c06e26) (LLVM 9.0.0), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-3409c06e26), Vulkan: 1.1.129, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

Manjaro-TKG-5.5-PDS

Processor: AMD Ryzen 5 2600X Six-Core (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1420/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.5, Kernel: 5.5.0-rc4-3-tkg-pds (x86_64), Display Server: X Server 1.20.6, OpenGL: 4.5 Mesa 20.0.0-devel (git-3409c06e26) (LLVM 9.0.0), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-3409c06e26), Vulkan: 1.1.129, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

Arch with fsync kernel 5.4.3

Processor: AMD Ryzen 5 2600X Six-Core @ 4.00GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1390/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: Arch rolling, Kernel: 5.4.3-arch1-1-fsync (x86_64), Display Server: X Server 1.20.6, OpenGL: 4.5 Mesa 20.0.0-devel (git-3409c06e26) (LLVM 9.0.0), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-3409c06e26), Vulkan: 1.1.129, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty

--enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq schedutil - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

ArchLinuxZenPBO

Processor: AMD Ryzen 5 2600X Six-Core (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1390/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: Arch rolling, Kernel: 5.4.7-zen1-1-zen (x86_64), Desktop: KDE Plasma 5.17.4, Display Server: X Server 1.20.6, Display Driver: modesetting 1.20.6, OpenGL: 4.5 Mesa 20.0.0-devel (git-3409c06e26) (LLVM 9.0.0), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-3409c06e26), Vulkan: 1.1.129, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

New paste

zenstates oc

Processor: AMD Ryzen 5 2600X Six-Core @ 3.60GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1390/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: Arch rolling, Kernel: 5.4.8-zen1-1-zen (x86_64), Desktop: KDE Plasma 5.17.4, Display Server: X Server 1.20.6, Display Driver: modesetting 1.20.6, OpenGL: 4.5 Mesa 20.0.0-devel (git-3409c06e26) (LLVM 9.0.0), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-3409c06e26), Vulkan: 1.1.129, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

Arch 5.5-tkg

Processor: AMD Ryzen 5 2600X Six-Core (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS),

Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1390/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: Arch rolling, Kernel: 5.5.0-rc4-3-tkg-pds (x86_64), Display Server: X Server 1.20.6, Display Driver: modesetting 1.20.6, OpenGL: 4.5 Mesa 20.0.0-devel (git-3409c06e26) (LLVM 9.0.0), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-3409c06e26), Vulkan: 1.1.129, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

Lower PBO

Processor: AMD Ryzen 5 2600X Six-Core (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1420/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: Arch rolling, Kernel: 5.5.0-rc4-3-tkg-pds (x86_64), Desktop: KDE Plasma 5.17.4, Display Server: X Server 1.20.6, OpenGL: 4.5 Mesa 20.0.0-devel (git-3409c06e26) (LLVM 9.0.1), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-3409c06e26), Vulkan: 1.1.129, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

Arch 5.4.8

Processor: AMD Ryzen 5 2600X Six-Core @ 4.00GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 80GB + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 16GB USB Flash Disk + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1420/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: Arch rolling, Kernel: 5.4.8-arch1-1 (x86_64), Display Server: X Server 1.20.6, OpenGL: 4.6 Mesa 20.0.0-devel (git-7b444ba5ef) (LLVM 9.0.1), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-7b444ba5ef), Vulkan: 1.1.129, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff

Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

4G

Processor: AMD Ryzen 5 2600X Six-Core (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS + 240GB CT240BX500SSD1 + 500GB HGST HTS545050A7, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1386/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.5, Kernel: 5.5.0-rc5-4-tkg-acpi (x86_64), Desktop: GNOME Shell 3.34.3, Display Server: X Server 1.20.7, OpenGL: 4.6 Mesa 20.0.0-devel (git-6e1411c9e8) (LLVM 9.0.1), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-6e1411c9e8), Vulkan: 1.1.129, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

4075

Processor: AMD Ryzen 5 2600X Six-Core @ 4.08GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS + 500GB HGST HTS545050A7 + 240GB CT240BX500SSD1, Graphics: XFX AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1386/1900MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 18.1.5, Kernel: 5.5.0-rc6-6-tkg-acpi (x86_64), Desktop: GNOME Shell 3.34.3, Display Server: X Server 1.20.7, OpenGL: 4.6 Mesa 20.0.0-devel (git-6e1411c9e8) (LLVM 9.0.1), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-6e1411c9e8), Vulkan: 1.1.129, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

noacpi-pbo

Processor: AMD Ryzen 5 2600X Six-Core (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16GB, Disk: HP SSD EX900 120GB + 500GB + 240GB CT240BX500SSD1 + 2 x 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS + 16GB USB Flash Disk, Graphics: Sapphire AMD

Radeon RX 5700 / XT 6GB (1820/930MHz), Audio: AMD Navi 10 HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: Arch rolling, Kernel: 5.5.1-9-noacpi-nopatch (x86_64), Display Server: X Server 1.20.7, OpenGL: 4.6 Mesa 20.0.0-devel (git-02658df152) (LLVM 9.0.1), OpenCL: OpenCL 1.1 Mesa 20.0.0-devel (git-02658df152), Vulkan: 1.1.130, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff
Environment Notes: AMD_DEBUG=nongg
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

Deepcool

Processor: AMD Ryzen 5 2600X Six-Core @ 3.60GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16GB, Disk: HP SSD EX900 120GB + 240GB CT240BX500SSD1 + 500GB + 2 x 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS + 16GB USB Flash Disk, Graphics: Sapphire AMD Radeon RX 5700 / XT 6GB (1780/875MHz), Audio: AMD Navi 10 HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: Arch rolling, Kernel: 5.5.2-11-tkg-pds (x86_64), Display Server: X Server 1.20.7, OpenGL: 4.6 Mesa 20.0.0-rc1 (git-14c0d58c7f) (LLVM 9.0.1), OpenCL: OpenCL 1.1 Mesa 20.0.0-rc1 (git-14c0d58c7f), Vulkan: 1.1.130, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff
Environment Notes: AMD_DEBUG=nongg
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

muqss

Processor: AMD Ryzen 5 2600X Six-Core @ 4.08GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16GB, Disk: HP SSD EX900 120GB + 240GB CT240BX500SSD1 + 500GB + 2 x 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS + 16GB USB Flash Disk, Graphics: Sapphire AMD Radeon RX 5700 / XT 6GB (1780/875MHz), Audio: AMD Navi 10 HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: Arch rolling, Kernel: 5.5.2-12-tkg-muqss (x86_64), Display Server: X Server 1.20.7, OpenGL: 4.6 Mesa 20.1.0-devel (git-35961b10da) (LLVM 9.0.1), OpenCL: OpenCL 1.1 Mesa 20.1.0-devel (git-35961b10da), Vulkan: 1.1.130, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff
Environment Notes: AMD_DEBUG=nongg
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and

seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

5.6

Processor: AMD Ryzen 5 2600X Six-Core (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16GB, Disk: HP SSD EX900 120GB + 500GB + 240GB CT240BX500SSD1 + 2 x 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS + 16GB USB Flash Disk, Graphics: Sapphire AMD Radeon RX 5600 OEM/5600 XT / 5700/5700 6GB (1780/875MHz), Audio: AMD Navi 10 HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: Arch rolling, Kernel: 5.6.0-rc1-1-tkg-pds (x86_64), Display Server: X Server 1.20.7, OpenGL: 4.6 Mesa 20.1.0-devel (git-35961b10da) (LLVM 9.0.1), OpenCL: OpenCL 1.1 Mesa 20.1.0-devel (git-35961b10da), Vulkan: 1.1.130, Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff
Environment Notes: AMD_DEBUG=nongg
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

fancontrol

Processor: AMD Ryzen 5 2600X Six-Core (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 240GB CT240BX500SSD1 + 500GB + 2 x 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS + 16GB USB Flash Disk, Graphics: Sapphire AMD Radeon RX 5700 / XT 6GB (1780/875MHz), Audio: AMD Navi 10 HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 19.0.0, Kernel: 5.6.0-rc1-1-tkg-pds (x86_64), Desktop: Xfce 4.14, Display Server: X Server 1.20.7, Display Driver: modesetting 1.20.7, OpenGL: 4.5 Mesa 19.3.4 (LLVM 9.0.1), Compiler: GCC 9.2.0 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Environment Notes: AMD_DEBUG=nongg
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

noacpi-5.6

Processor: AMD Ryzen 5 2600X Six-Core @ 4.05GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 240GB CT240BX500SSD1 + 500GB + 2 x 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS + 16GB USB Flash Disk, Graphics: Sapphire AMD Radeon RX 5600 OEM/5600 XT / 5700/5700 6GB (1780/875MHz), Audio: AMD Navi 10 HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 19.0, Kernel: 5.6.0-rc2-1-tkg-pds (x86_64), Display Server: X Server 1.20.7, Display Driver: modesetting 1.20.7, OpenGL: 4.5 Mesa 19.3.4 (LLVM 9.0.1), Vulkan: 1.1.107, Compiler: GCC 9.2.1 20200130 + Clang

9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff
Environment Notes: AMD_DEBUG=nongg
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

5.6-tkg-pds-acpi

5.6-tkg-acpi-nmon

4100-5.6

Processor: AMD Ryzen 5 2600X Six-Core @ 4.05GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 240GB CT240BX500SSD1 + 500GB + 2 x 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS, Graphics: Sapphire AMD Radeon RX 5600 OEM/5600 XT / 5700/5700 6GB (1780/875MHz), Audio: AMD Navi 10 HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 19.0, Kernel: 5.6.0-rc2-1-tkg-pds (x86_64), Display Server: X Server 1.20.7, Display Driver: modesetting 1.20.7, OpenGL: 4.6 Mesa 20.1.0-devel (git-740cb3d193) (LLVM 11.0.0), Vulkan: 1.2.131, Compiler: GCC 9.2.1 20200130 + Clang 11.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff amdgpu.dc=1
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

5.6-tkg-acpi-pbo

4150

Processor: AMD Ryzen 5 2600X Six-Core @ 3.60GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 240GB CT240BX500SSD1 + 500GB + 2 x 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS, Graphics: Sapphire AMD Radeon RX 5600 OEM/5600 XT / 5700/5700 6GB (1780/875MHz), Audio: AMD Navi 10 HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 19.0, Kernel: 5.6.0-rc2-1-tkg-pds (x86_64), Display Server: X Server 1.20.7, Display Driver: modesetting 1.20.7, OpenGL: 4.6 Mesa 20.1.0-devel (git-740cb3d193) (LLVM 11.0.0), Vulkan: 1.2.131, Compiler: GCC 9.2.1 20200130 + Clang 11.0.0, File-System: ext4, Screen Resolution: 3286x1080

Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff amdgpu.dc=1
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and

seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

bmq

bmq2

Processor: AMD Ryzen 5 2600X Six-Core @ 4.08GHz (6 Cores / 12 Threads), Motherboard: ASRock B450M/ac (P1.20 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: HP SSD EX900 120GB + 240GB CT240BX500SSD1 + 500GB + 2 x 500GB Seagate ST500LT012-1DG14 + 640GB TOSHIBA MK6475GS, Graphics: Sapphire AMD Radeon RX 5600 OEM/5600 XT / 5700/5700 6GB (1780/875MHz), Audio: AMD Navi 10 HDMI Audio, Monitor: L185V + E420i-B0, Network: Realtek RTL8111/8168/8411 + Intel Dual Band-AC 3168NGW

OS: ManjaroLinux 19.0, Kernel: 5.5.4-15-tkg-bmq (x86_64), Display Server: X Server 1.20.7, Display Driver: modesetting 1.20.7, OpenGL: 4.6 Mesa 20.1.0-devel (git-5de8bc7c75) (LLVM 11.0.0), Vulkan: 1.2.131, Compiler: GCC 9.2.1 20200130 + Clang 11.0.0, File-System: ext4, Screen Resolution: 3286x1080

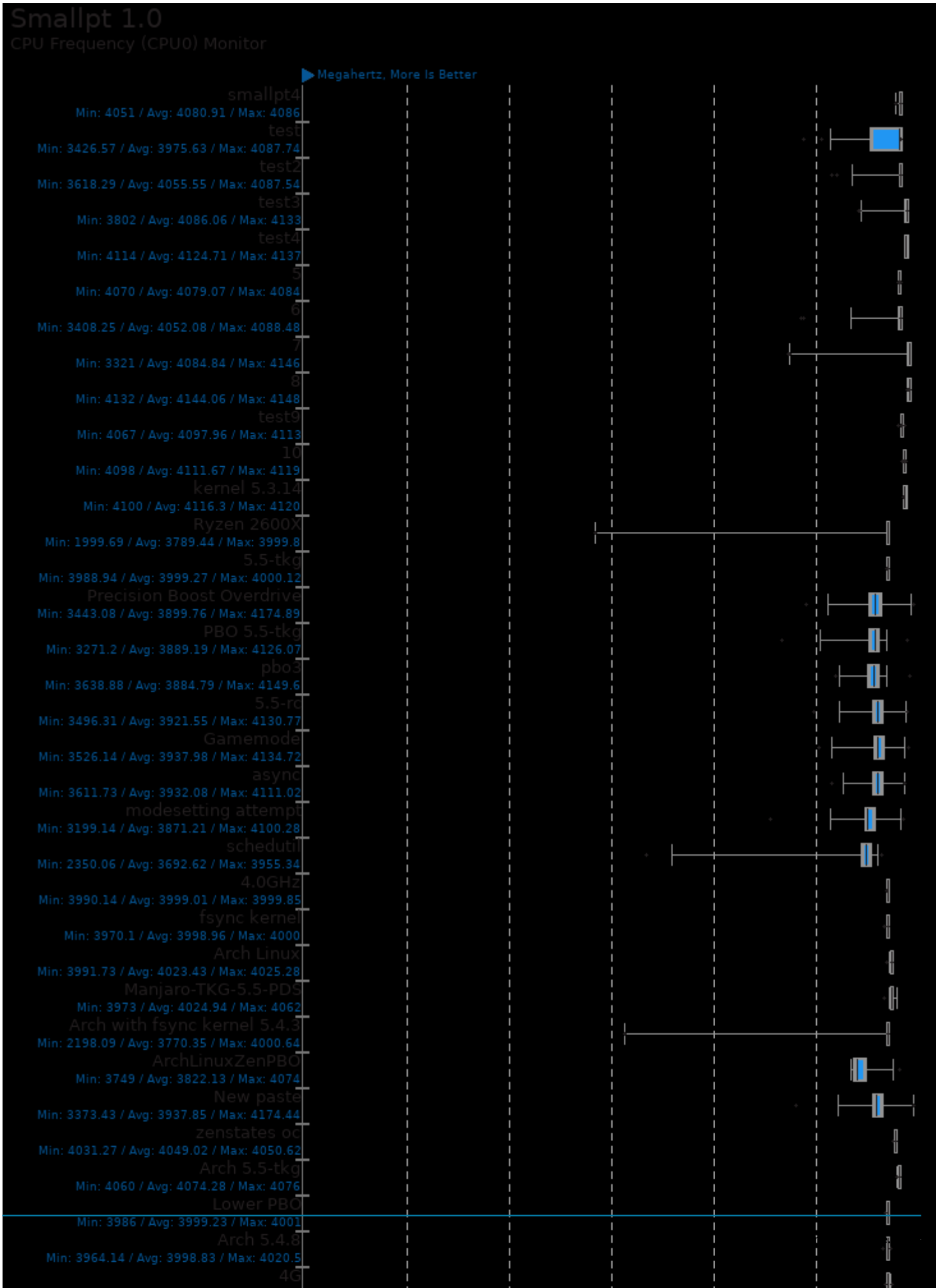
Kernel Notes: amdgpu.ppfeaturemask=0xfffd7fff amdgpu.dc=1
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x800820d
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx_async_abort: Not affected

smallpt1

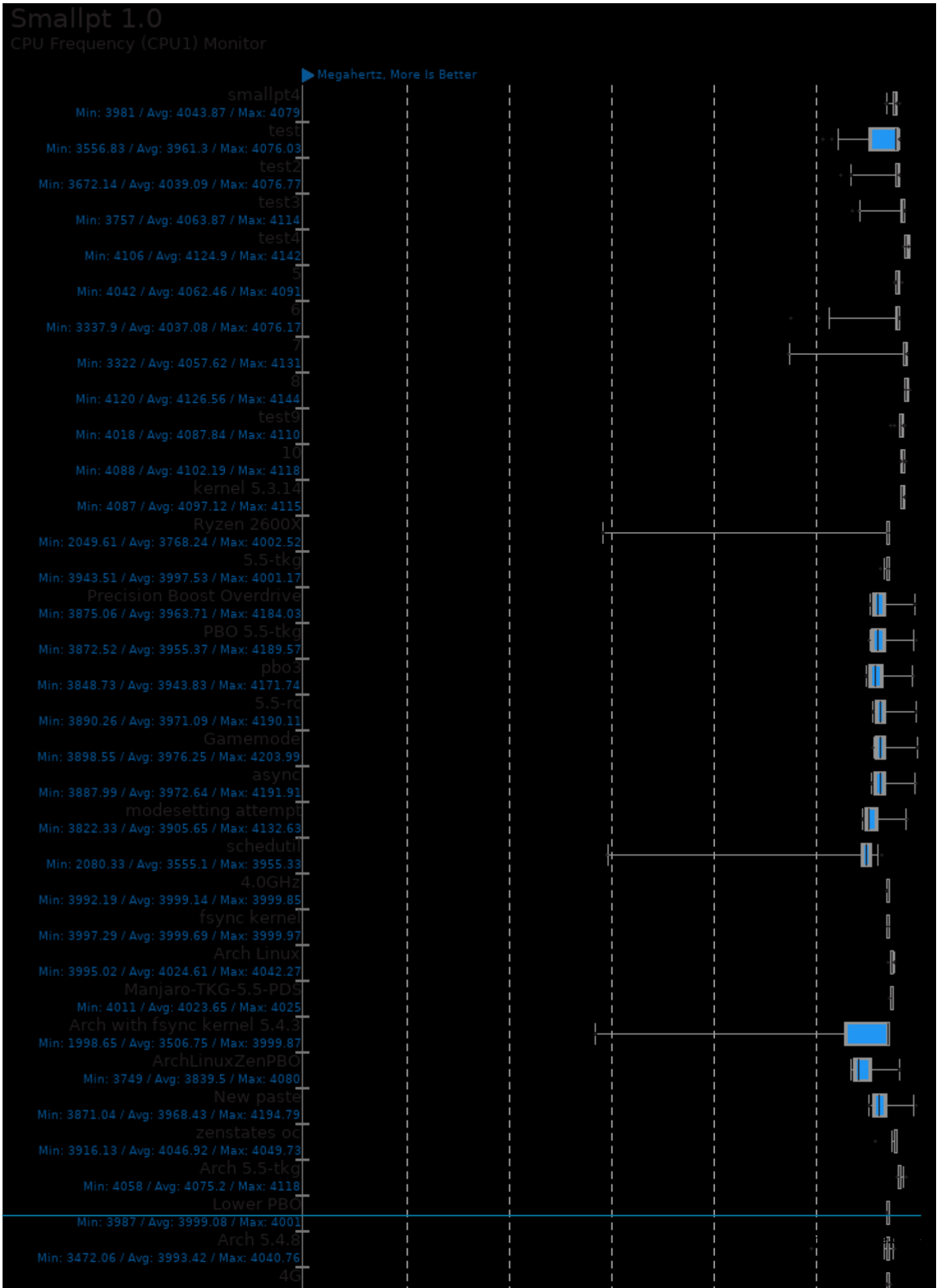
	smallpt - G.I.R.1.S (sec)	Normalized Standard Deviation
smallpt - test1	89.30	1.63%
smallpt - test2	32.54	0.74%
smallpt - test3	21.48	0.87%
smallpt - test4	31.76	0.62%
smallpt - test5	31.78	0.41%
smallpt - test6	31.89	0.60%
smallpt - test7	31.92	0.35%
smallpt - test8	31.95	0.27%
smallpt - test9	31.96	0.31%
smallpt - test10	31.96	0.31%
Keyz-ent1 - 256x256	31.14	0.27%
Keyz-ent1 - 600x600	114.79	0.27%
Precision Boost Overdrive	59.76	0.27%
PBO - 5-tkg	59.57	0.27%
pbo - 3-core	55.91	0.27%
Gasmy-enmcode	66.43	0.27%
amsdheeds - 0Gnhcken - Latitude 5.5-PDS	66.12	0.27%
fsrcnjlaptest - 5kgtest	64.10	0.27%
AMArrcchLinux - Tsxzncpbo	65.39	0.27%
ANrewnsto - 5kg	66.41	0.27%
ALorcwhr5.PBO.8	66.30	0.27%
A4G075	66.10	0.27%
noaepcpi-pbo	66.16	0.27%
Dequsol	66.16	0.27%
mu.6	66.16	0.27%
fanconi-5.6	66.16	0.27%
n5.66-ttkgg-pads-anpoin	66.16	0.27%
5.66-ttkgg-6-acpi-pbo	66.16	0.27%
4510	66.16	0.27%
bmq	66.16	0.27%

smallpt1

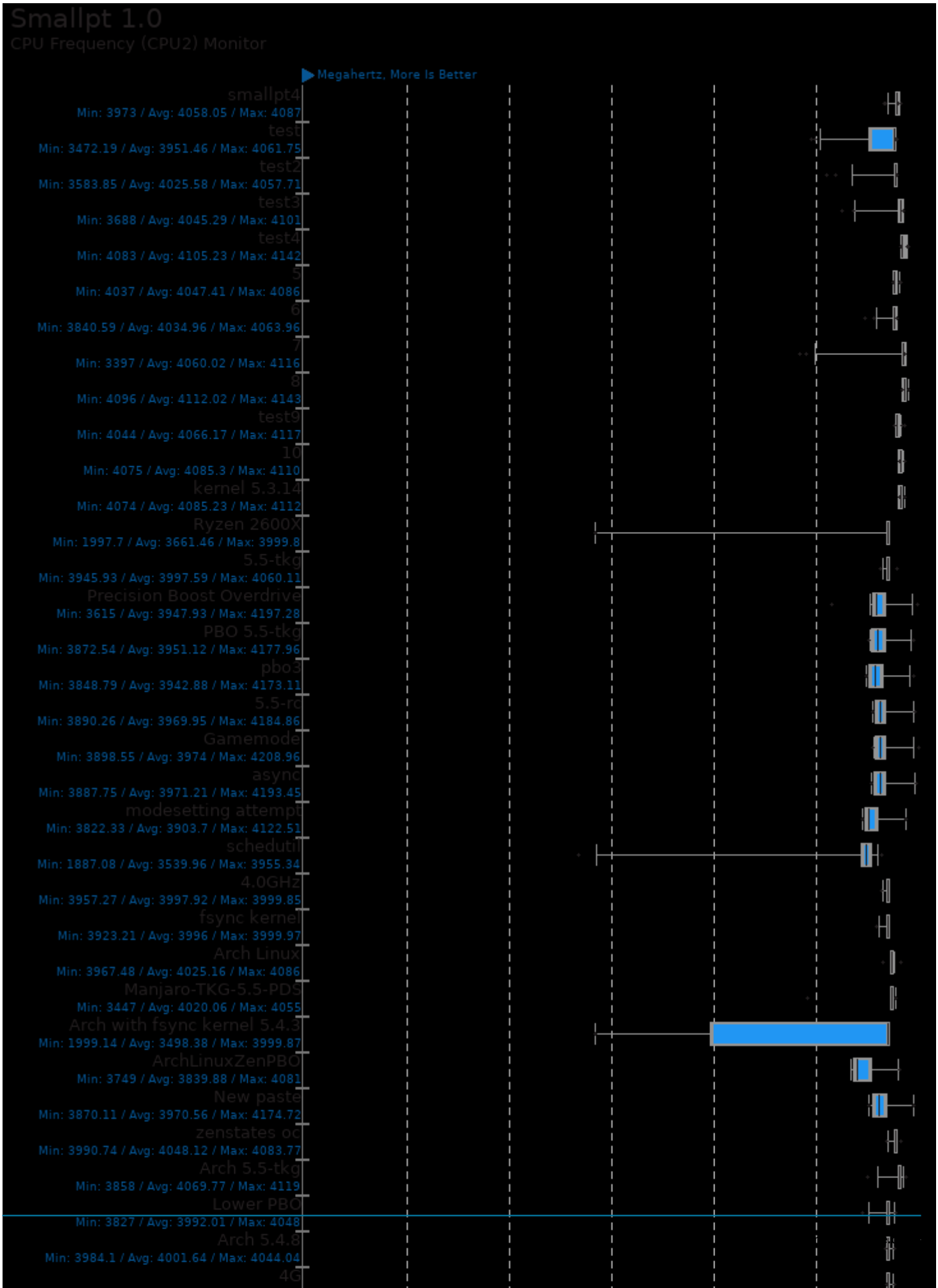
smallpt1


Smallpt 1.0
CPU Frequency (CPU0) Monitor
Megahertz, More Is Better
smallpt4
Min: 4051 / Avg: 4080.91 / Max: 4086
test
Min: 3426.57 / Avg: 3975.63 / Max: 4087.74
test2
Min: 3618.29 / Avg: 4055.55 / Max: 4087.54
test3
Min: 3802 / Avg: 4086.06 / Max: 4133
test4
Min: 4114 / Avg: 4124.71 / Max: 4137
5
Min: 4070 / Avg: 4079.07 / Max: 4084
6
Min: 3408.25 / Avg: 4052.08 / Max: 4088.48
7
Min: 3321 / Avg: 4084.84 / Max: 4146
8
Min: 4132 / Avg: 4144.06 / Max: 4148
test9
Min: 4067 / Avg: 4097.96 / Max: 4113
10
Min: 4098 / Avg: 4111.67 / Max: 4119
kernel 5.3.14
Min: 4100 / Avg: 4116.3 / Max: 4120
Ryzen 2600X
Min: 1999.69 / Avg: 3789.44 / Max: 3999.8
5.5-tkg
Min: 3988.94 / Avg: 3999.27 / Max: 4000.12
Precision Boost Overdrive
Min: 3443.08 / Avg: 3899.76 / Max: 4174.89
PBO 5.5-tkg
Min: 3271.2 / Avg: 3889.19 / Max: 4126.07
pbo3
Min: 3638.88 / Avg: 3884.79 / Max: 4149.6
5.5-rc
Min: 3496.31 / Avg: 3921.55 / Max: 4130.77
Gamemode
Min: 3526.14 / Avg: 3937.98 / Max: 4134.72
async
Min: 3611.73 / Avg: 3932.08 / Max: 4111.02
modesetting attempt
Min: 3199.14 / Avg: 3871.21 / Max: 4100.28
schedutil
Min: 2350.06 / Avg: 3692.62 / Max: 3955.34
4.0GHz
Min: 3990.14 / Avg: 3999.01 / Max: 3999.85
fsync kernel
Min: 3970.1 / Avg: 3998.96 / Max: 4000
Arch Linux
Min: 3991.73 / Avg: 4023.43 / Max: 4025.28
Manjaro-TKG-5.5-PDS
Min: 3973 / Avg: 4024.94 / Max: 4062
Arch with fsync kernel 5.4.3
Min: 2198.09 / Avg: 3770.35 / Max: 4000.64
ArchLinuxZenPBO
Min: 3749 / Avg: 3822.13 / Max: 4074
New paste
Min: 3373.43 / Avg: 3937.85 / Max: 4174.44
zenstates oc
Min: 4031.27 / Avg: 4049.02 / Max: 4050.62
Arch 5.5-tkg
Min: 4060 / Avg: 4074.28 / Max: 4076
Lower PBO
Min: 3986 / Avg: 3999.23 / Max: 4001
Arch 5.4.8
Min: 3964.14 / Avg: 3998.83 / Max: 4020.5
4G

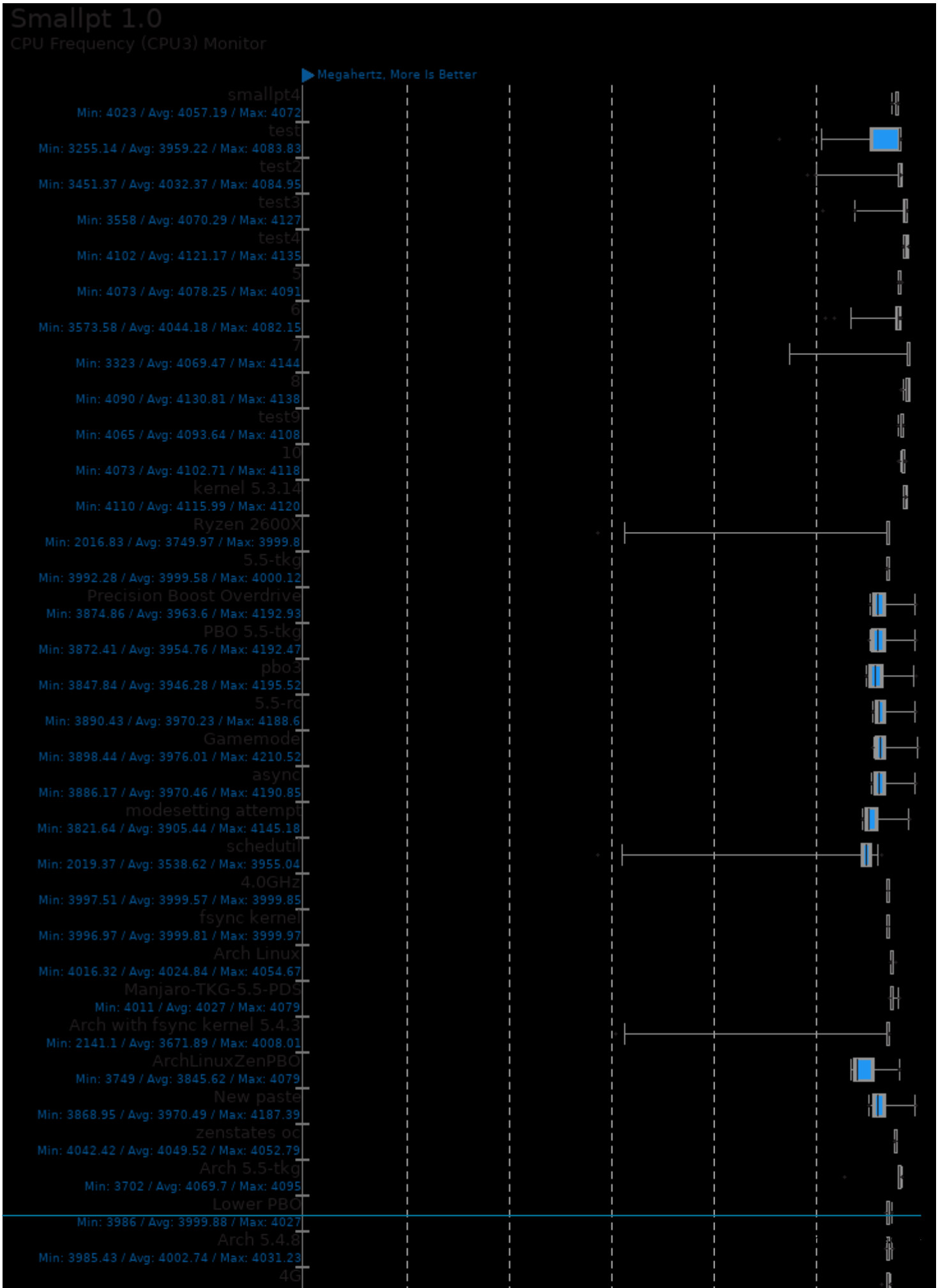
smallpt1


Smallpt 1.0
CPU Frequency (CPU1) Monitor
Megahertz, More Is Better
smallpt4
Min: 3981 / Avg: 4043.87 / Max: 4079
test
Min: 3556.83 / Avg: 3961.3 / Max: 4076.03
test2
Min: 3672.14 / Avg: 4039.09 / Max: 4076.77
test3
Min: 3757 / Avg: 4063.87 / Max: 4114
test4
Min: 4106 / Avg: 4124.9 / Max: 4142
5
Min: 4042 / Avg: 4062.46 / Max: 4091
6
Min: 3337.9 / Avg: 4037.08 / Max: 4076.17
7
Min: 3322 / Avg: 4057.62 / Max: 4131
8
Min: 4120 / Avg: 4126.56 / Max: 4144
test9
Min: 4018 / Avg: 4087.84 / Max: 4110
10
Min: 4088 / Avg: 4102.19 / Max: 4118
kernel 5.3.14
Min: 4087 / Avg: 4097.12 / Max: 4115
Ryzen 2600X
Min: 2049.61 / Avg: 3768.24 / Max: 4002.52
5.5-tkg
Min: 3943.51 / Avg: 3997.53 / Max: 4001.17
Precision Boost Overdrive
Min: 3875.06 / Avg: 3963.71 / Max: 4184.03
PBO 5.5-tkg
Min: 3872.52 / Avg: 3955.37 / Max: 4189.57
pbo3
Min: 3848.73 / Avg: 3943.83 / Max: 4171.74
5.5-rc
Min: 3890.26 / Avg: 3971.09 / Max: 4190.11
Gamemode
Min: 3898.55 / Avg: 3976.25 / Max: 4203.99
async
Min: 3887.99 / Avg: 3972.64 / Max: 4191.91
modesetting attempt
Min: 3822.33 / Avg: 3905.65 / Max: 4132.63
schedutil
Min: 2080.33 / Avg: 3555.1 / Max: 3955.33
4.0GHz
Min: 3992.19 / Avg: 3999.14 / Max: 3999.85
fsync kernel
Min: 3997.29 / Avg: 3999.69 / Max: 3999.97
Arch Linux
Min: 3995.02 / Avg: 4024.61 / Max: 4042.27
Manjaro-TKG-5.5-PDS
Min: 4011 / Avg: 4023.65 / Max: 4025
Arch with fsync kernel 5.4.3
Min: 1998.65 / Avg: 3506.75 / Max: 3999.87
ArchLinuxZenPBO
Min: 3749 / Avg: 3839.5 / Max: 4080
New paste
Min: 3871.04 / Avg: 3968.43 / Max: 4194.79
zenstates oc
Min: 3916.13 / Avg: 4046.92 / Max: 4049.73
Arch 5.5-tkg
Min: 4058 / Avg: 4075.2 / Max: 4118
Lower PBO
Min: 3987 / Avg: 3999.08 / Max: 4001
Arch 5.4.8
Min: 3472.06 / Avg: 3993.42 / Max: 4040.76
4G

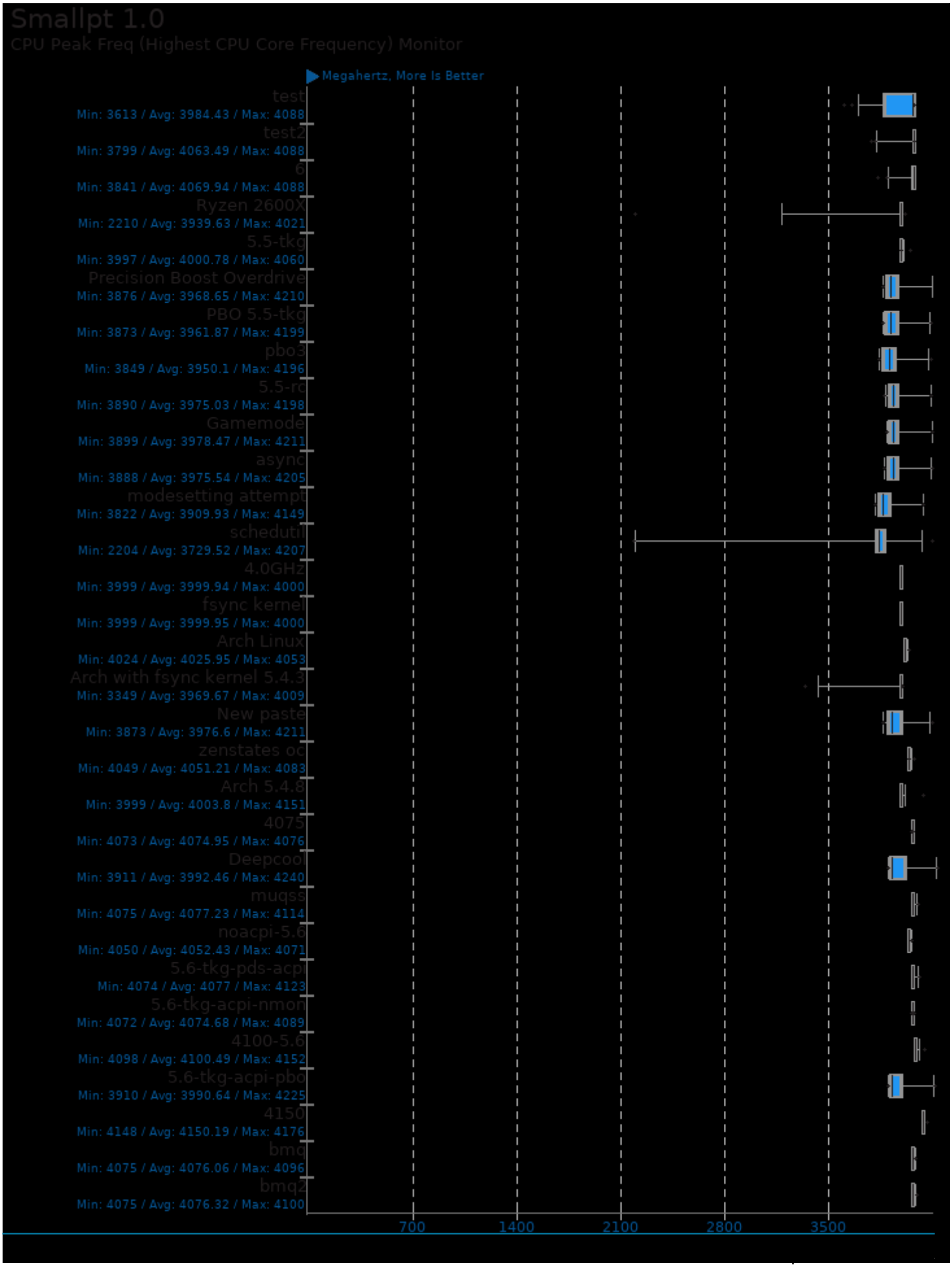
smallpt1


Smallpt 1.0
CPU Frequency (CPU2) Monitor
Megahertz, More Is Better
smallpt4
Min: 3973 / Avg: 4058.05 / Max: 4087
test
Min: 3472.19 / Avg: 3951.46 / Max: 4061.75
test2
Min: 3583.85 / Avg: 4025.58 / Max: 4057.71
test3
Min: 3688 / Avg: 4045.29 / Max: 4101
test4
Min: 4083 / Avg: 4105.23 / Max: 4142
5
Min: 4037 / Avg: 4047.41 / Max: 4086
6
Min: 3840.59 / Avg: 4034.96 / Max: 4063.96
7
Min: 3397 / Avg: 4060.02 / Max: 4116
8
Min: 4096 / Avg: 4112.02 / Max: 4143
test9
Min: 4044 / Avg: 4066.17 / Max: 4117
10
Min: 4075 / Avg: 4085.3 / Max: 4110
kernel 5.3.14
Min: 4074 / Avg: 4085.23 / Max: 4112
Ryzen 2600X
Min: 1997.7 / Avg: 3661.46 / Max: 3999.8
5.5-tkg
Min: 3945.93 / Avg: 3997.59 / Max: 4060.11
Precision Boost Overdrive
Min: 3615 / Avg: 3947.93 / Max: 4197.28
PBO 5.5-tkg
Min: 3872.54 / Avg: 3951.12 / Max: 4177.96
pbo3
Min: 3848.79 / Avg: 3942.88 / Max: 4173.11
5.5-rc
Min: 3890.26 / Avg: 3969.95 / Max: 4184.86
Gamemode
Min: 3898.55 / Avg: 3974 / Max: 4208.96
async
Min: 3887.75 / Avg: 3971.21 / Max: 4193.45
modesetting attempt
Min: 3822.33 / Avg: 3903.7 / Max: 4122.51
schedutil
Min: 1887.08 / Avg: 3539.96 / Max: 3955.34
4.0GHz
Min: 3957.27 / Avg: 3997.92 / Max: 3999.85
fsync kernel
Min: 3923.21 / Avg: 3996 / Max: 3999.97
Arch Linux
Min: 3967.48 / Avg: 4025.16 / Max: 4086
Manjaro-TKG-5.5-PDS
Min: 3447 / Avg: 4020.06 / Max: 4055
Arch with fsync kernel 5.4.3
Min: 1999.14 / Avg: 3498.38 / Max: 3999.87
ArchLinuxZenPBO
Min: 3749 / Avg: 3839.88 / Max: 4081
New paste
Min: 3870.11 / Avg: 3970.56 / Max: 4174.72
zenstates oc
Min: 3990.74 / Avg: 4048.12 / Max: 4083.77
Arch 5.5-tkg
Min: 3858 / Avg: 4069.77 / Max: 4119
Lower PBO
Min: 3827 / Avg: 3992.01 / Max: 4048
Arch 5.4.8
Min: 3984.1 / Avg: 4001.64 / Max: 4044.04
4G

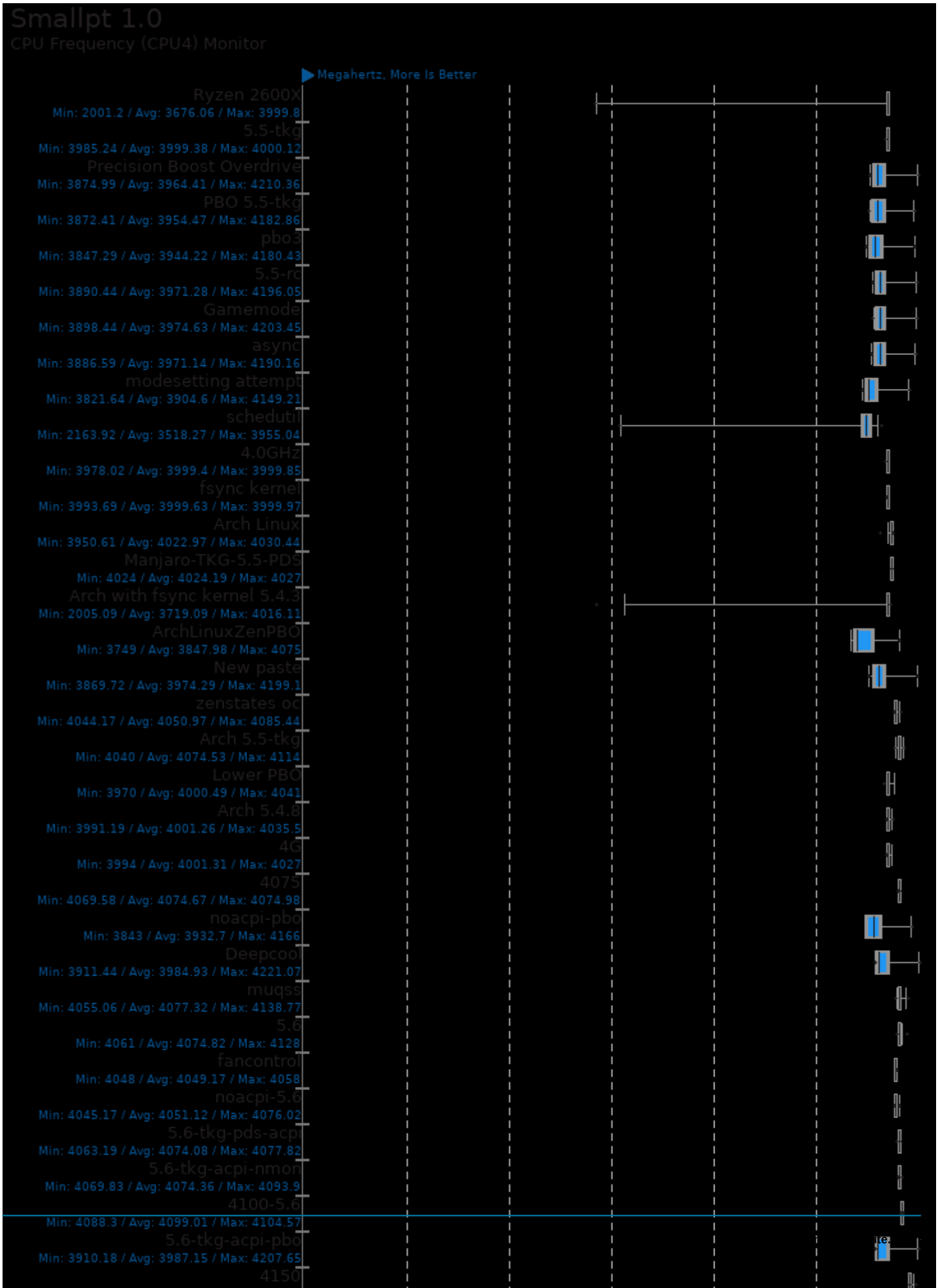
smallpt1


Smallpt 1.0
CPU Frequency (CPU3) Monitor
Megahertz, More Is Better
smallpt4
Min: 4023 / Avg: 4057.19 / Max: 4072
test
Min: 3255.14 / Avg: 3959.22 / Max: 4083.83
test2
Min: 3451.37 / Avg: 4032.37 / Max: 4084.95
test3
Min: 3558 / Avg: 4070.29 / Max: 4127
test4
Min: 4102 / Avg: 4121.17 / Max: 4135
5
Min: 4073 / Avg: 4078.25 / Max: 4091
6
Min: 3573.58 / Avg: 4044.18 / Max: 4082.15
7
Min: 3323 / Avg: 4069.47 / Max: 4144
8
Min: 4090 / Avg: 4130.81 / Max: 4138
test9
Min: 4065 / Avg: 4093.64 / Max: 4108
10
Min: 4073 / Avg: 4102.71 / Max: 4118
kernel 5.3.14
Min: 4110 / Avg: 4115.99 / Max: 4120
Ryzen 2600X
Min: 2016.83 / Avg: 3749.97 / Max: 3999.8
5.5-tkg
Min: 3992.28 / Avg: 3999.58 / Max: 4000.12
Precision Boost Overdrive
Min: 3874.86 / Avg: 3963.6 / Max: 4192.93
PBO 5.5-tkg
Min: 3872.41 / Avg: 3954.76 / Max: 4192.47
pbo3
Min: 3847.84 / Avg: 3946.28 / Max: 4195.52
5.5-rc
Min: 3890.43 / Avg: 3970.23 / Max: 4188.6
Gamemode
Min: 3898.44 / Avg: 3976.01 / Max: 4210.52
async
Min: 3886.17 / Avg: 3970.46 / Max: 4190.85
modesetting attempt
Min: 3821.64 / Avg: 3905.44 / Max: 4145.18
schedutil
Min: 2019.37 / Avg: 3538.62 / Max: 3955.04
4.0GHz
Min: 3997.51 / Avg: 3999.57 / Max: 3999.85
fsync kernel
Min: 3996.97 / Avg: 3999.81 / Max: 3999.97
Arch Linux
Min: 4016.32 / Avg: 4024.84 / Max: 4054.67
Manjaro-TKG-5.5-PDS
Min: 4011 / Avg: 4027 / Max: 4079
Arch with fsync kernel 5.4.3
Min: 2141.1 / Avg: 3671.89 / Max: 4008.01
ArchLinuxZenPBO
Min: 3749 / Avg: 3845.62 / Max: 4079
New paste
Min: 3868.95 / Avg: 3970.49 / Max: 4187.39
zenstates oc
Min: 4042.42 / Avg: 4049.52 / Max: 4052.79
Arch 5.5-tkg
Min: 3702 / Avg: 4069.7 / Max: 4095
Lower PBO
Min: 3986 / Avg: 3999.88 / Max: 4027
Arch 5.4.8
Min: 3985.43 / Avg: 4002.74 / Max: 4031.23
4G

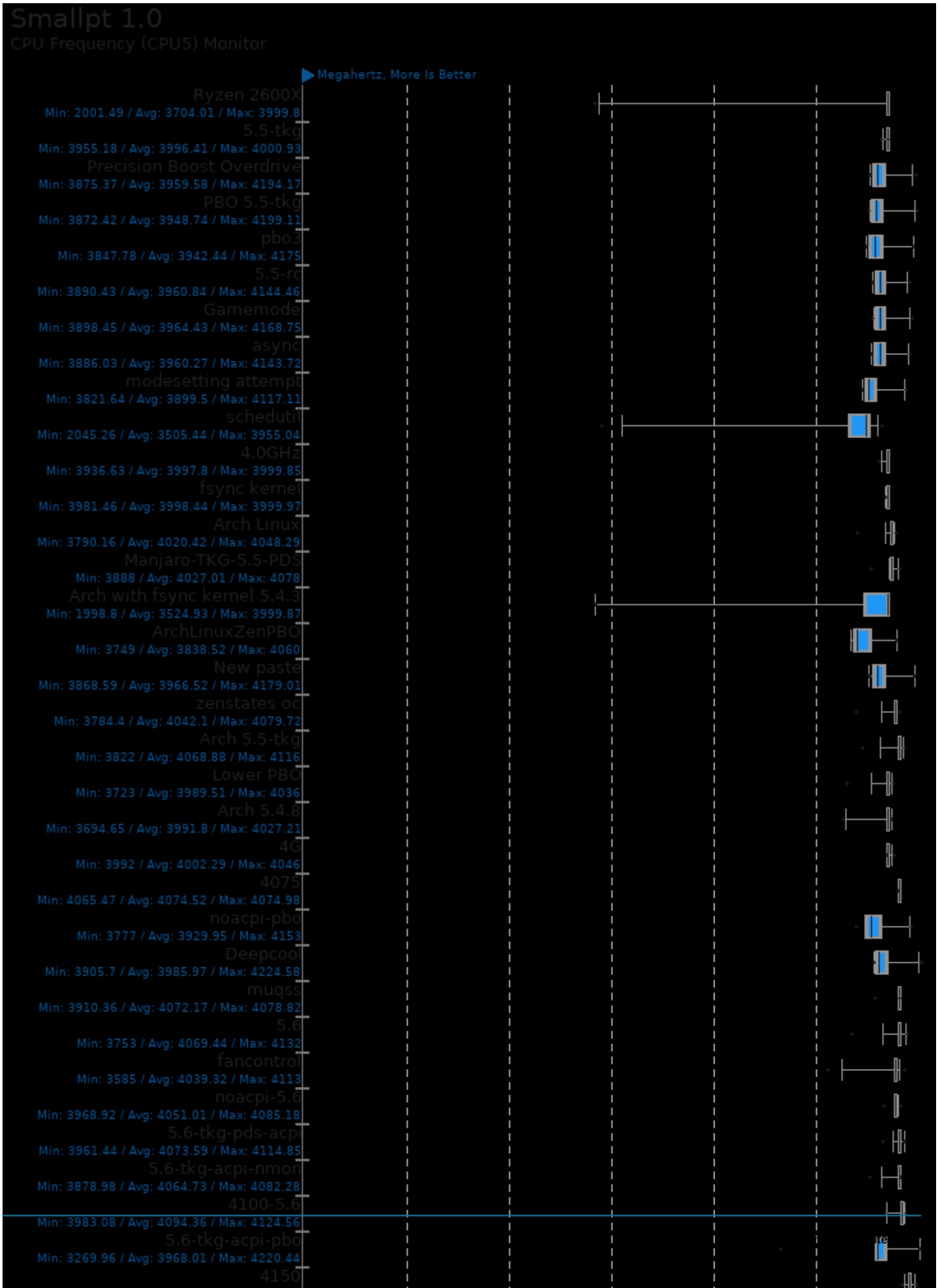
smallpt1


Smallpt 1.0
CPU Peak Freq (Highest CPU Core Frequency) Monitor
Megahertz, More Is Better
test
Min: 3613 / Avg: 3984.43 / Max: 4088
test2
Min: 3799 / Avg: 4063.49 / Max: 4088
6
Min: 3841 / Avg: 4069.94 / Max: 4088
Ryzen 2600X
Min: 2210 / Avg: 3939.63 / Max: 4021
5.5-tkg
Min: 3997 / Avg: 4000.78 / Max: 4060
Precision Boost Overdrive
Min: 3876 / Avg: 3968.65 / Max: 4210
PBO 5.5-tkg
Min: 3873 / Avg: 3961.87 / Max: 4199
pbo3
Min: 3849 / Avg: 3950.1 / Max: 4196
5.5-rc
Min: 3890 / Avg: 3975.03 / Max: 4198
Gamemode
Min: 3899 / Avg: 3978.47 / Max: 4211
async
Min: 3888 / Avg: 3975.54 / Max: 4205
modesetting attempt
Min: 3822 / Avg: 3909.93 / Max: 4149
schedutil
Min: 2204 / Avg: 3729.52 / Max: 4207
4.0GHz
Min: 3999 / Avg: 3999.94 / Max: 4000
fsync kernel
Min: 3999 / Avg: 3999.95 / Max: 4000
Arch Linux
Min: 4024 / Avg: 4025.95 / Max: 4053
Arch with fsync kernel 5.4.3
Min: 3349 / Avg: 3969.67 / Max: 4009
New paste
Min: 3873 / Avg: 3976.6 / Max: 4211
zenstates oc
Min: 4049 / Avg: 4051.21 / Max: 4083
Arch 5.4.8
Min: 3999 / Avg: 4003.8 / Max: 4151
4075
Min: 4073 / Avg: 4074.95 / Max: 4076
Deepcool
Min: 3911 / Avg: 3992.46 / Max: 4240
muqss
Min: 4075 / Avg: 4077.23 / Max: 4114
noacpi-5.6
Min: 4050 / Avg: 4052.43 / Max: 4071
5.6-tkg-pds-acpi
Min: 4074 / Avg: 4077 / Max: 4123
5.6-tkg-acpi-nmon
Min: 4072 / Avg: 4074.68 / Max: 4089
4100-5.6
Min: 4098 / Avg: 4100.49 / Max: 4152
5.6-tkg-acpi-pbo
Min: 3910 / Avg: 3990.64 / Max: 4225
4150
Min: 4148 / Avg: 4150.19 / Max: 4176
bmq
Min: 4075 / Avg: 4076.06 / Max: 4096
bmq2
Min: 4075 / Avg: 4076.32 / Max: 4100
700
1400
2100
2800
3500

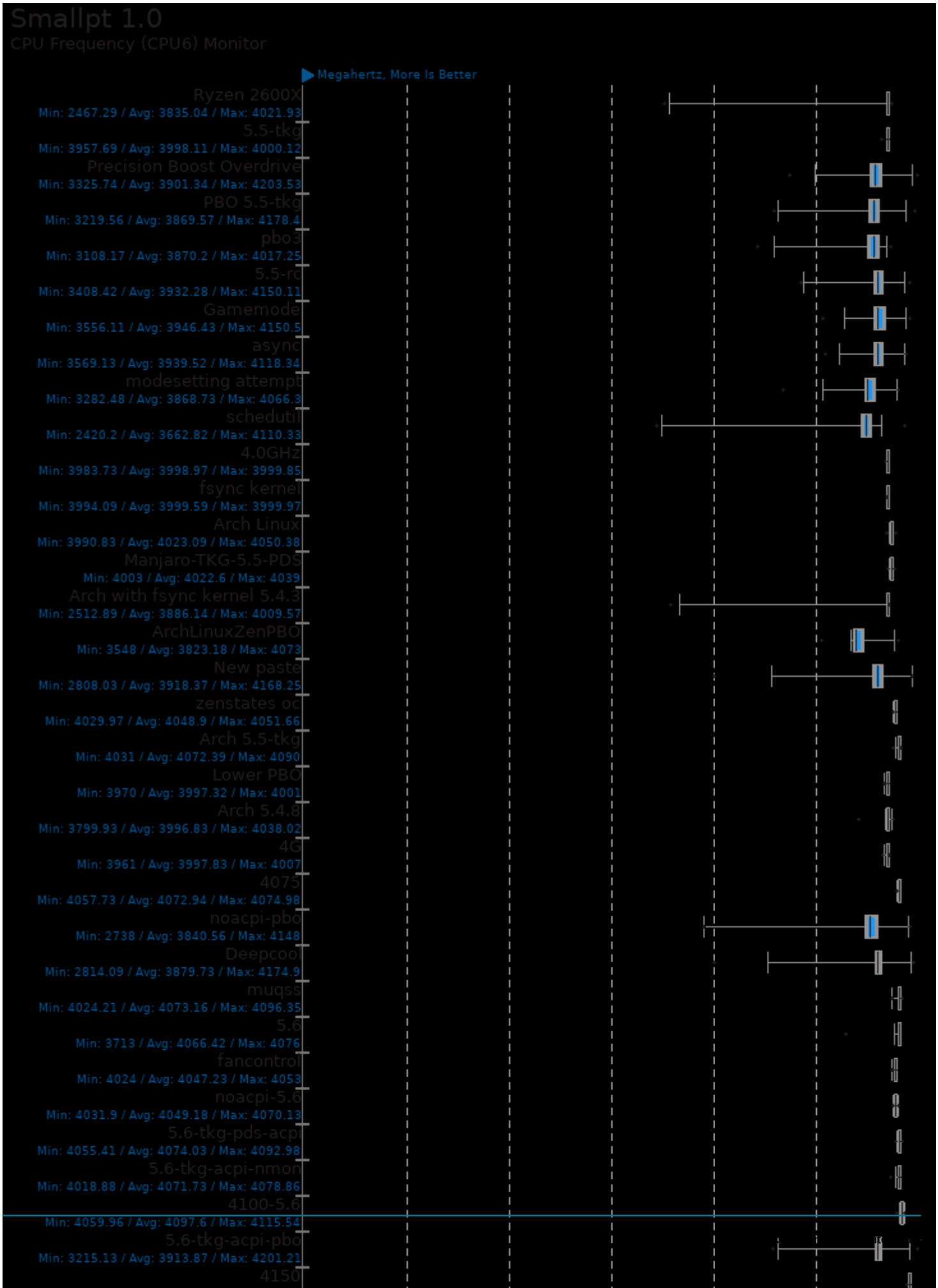
smallpt1


Smallpt 1.0
CPU Frequency (CPU4) Monitor
Megahertz, More Is Better
Ryzen 2600X
Min: 2001.2 / Avg: 3676.06 / Max: 3999.8
5.5-tkg
Min: 3985.24 / Avg: 3999.38 / Max: 4000.12
Precision Boost Overdrive
Min: 3874.99 / Avg: 3964.41 / Max: 4210.36
PBO 5.5-tkg
Min: 3872.41 / Avg: 3954.47 / Max: 4182.86
pbo3
Min: 3847.29 / Avg: 3944.22 / Max: 4180.43
5.5-rc
Min: 3890.44 / Avg: 3971.28 / Max: 4196.05
Gamemode
Min: 3898.44 / Avg: 3974.63 / Max: 4203.45
async
Min: 3886.59 / Avg: 3971.14 / Max: 4190.16
modesetting attempt
Min: 3821.64 / Avg: 3904.6 / Max: 4149.21
schedutil
Min: 2163.92 / Avg: 3518.27 / Max: 3955.04
4.0GHz
Min: 3978.02 / Avg: 3999.4 / Max: 3999.85
fsync kernel
Min: 3993.69 / Avg: 3999.63 / Max: 3999.97
Arch Linux
Min: 3950.61 / Avg: 4022.97 / Max: 4030.44
Manjaro-TKG-5.5-PDS
Min: 4024 / Avg: 4024.19 / Max: 4027
Arch with fsync kernel 5.4.3
Min: 2005.09 / Avg: 3719.09 / Max: 4016.11
ArchLinuxZenPBO
Min: 3749 / Avg: 3847.98 / Max: 4075
New paste
Min: 3869.72 / Avg: 3974.29 / Max: 4199.1
zenstates oc
Min: 4044.17 / Avg: 4050.97 / Max: 4085.44
Arch 5.5-tkg
Min: 4040 / Avg: 4074.53 / Max: 4114
Lower PBO
Min: 3970 / Avg: 4000.49 / Max: 4041
Arch 5.4.8
Min: 3991.19 / Avg: 4001.26 / Max: 4035.5
4G
Min: 3994 / Avg: 4001.31 / Max: 4027
4075
Min: 4069.58 / Avg: 4074.67 / Max: 4074.98
noacpi-pbo
Min: 3843 / Avg: 3932.7 / Max: 4166
Deepcool
Min: 3911.44 / Avg: 3984.93 / Max: 4221.07
muqss
Min: 4055.06 / Avg: 4077.32 / Max: 4138.77
5.6
Min: 4061 / Avg: 4074.82 / Max: 4128
fancontrol
Min: 4048 / Avg: 4049.17 / Max: 4058
noacpi-5.6
Min: 4045.17 / Avg: 4051.12 / Max: 4076.02
5.6-tkg-pds-acpi
Min: 4063.19 / Avg: 4074.08 / Max: 4077.82
5.6-tkg-acpi-nmon
Min: 4069.83 / Avg: 4074.36 / Max: 4093.9
4100-5.6
Min: 4088.3 / Avg: 4099.01 / Max: 4104.57
5.6-tkg-acpi-pbo
Min: 3910.18 / Avg: 3987.15 / Max: 4207.65
4150

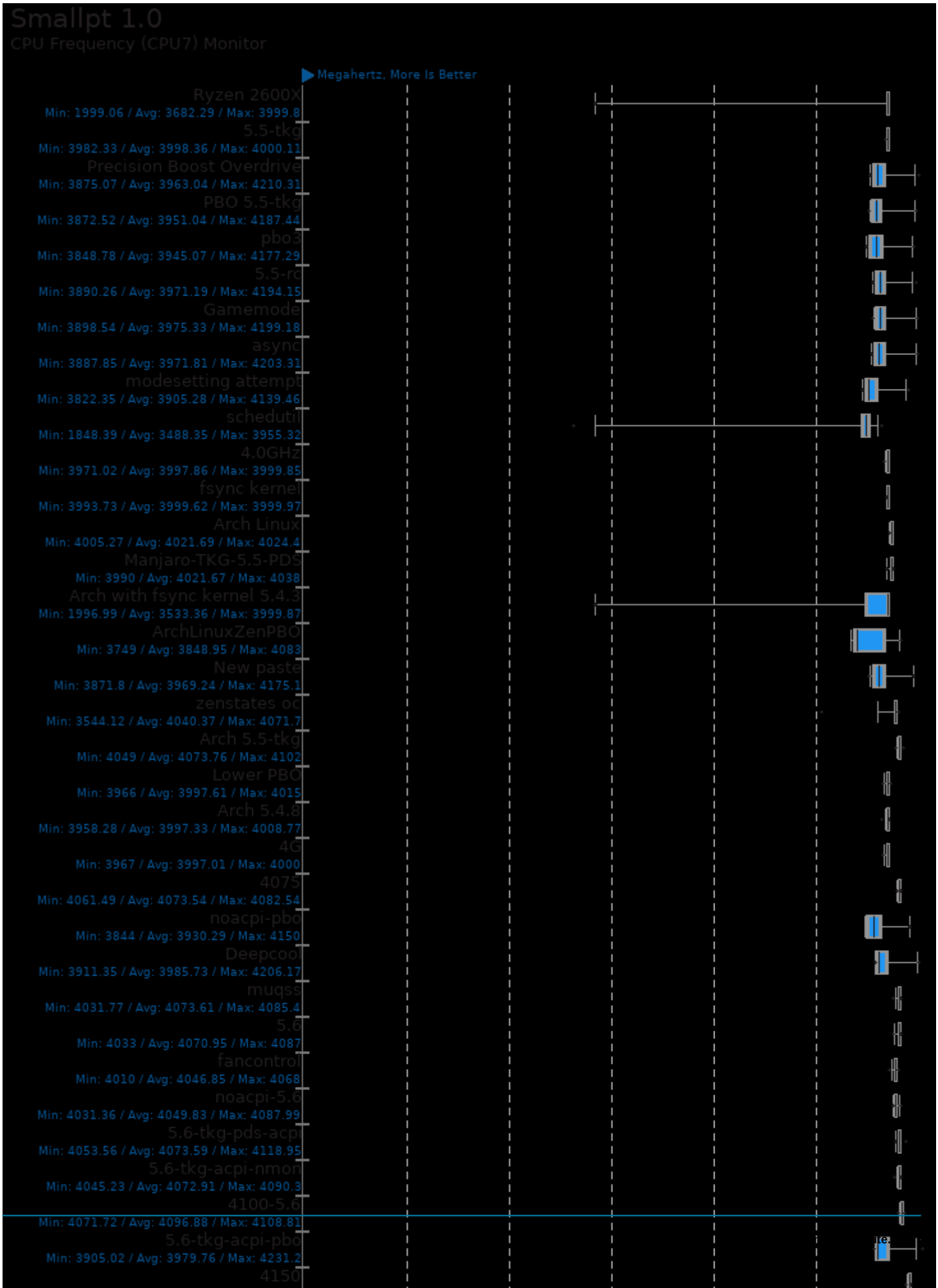
smallpt1


Smallpt 1.0
CPU Frequency (CPU5) Monitor
Megahertz, More Is Better
Ryzen 2600X
Min: 2001.49 / Avg: 3704.01 / Max: 3999.8
5.5-tkg
Min: 3955.18 / Avg: 3996.41 / Max: 4000.93
Precision Boost Overdrive
Min: 3875.37 / Avg: 3959.58 / Max: 4194.17
PBO 5.5-tkg
Min: 3872.42 / Avg: 3948.74 / Max: 4199.11
pbo3
Min: 3847.78 / Avg: 3942.44 / Max: 4175
5.5-rc
Min: 3890.43 / Avg: 3960.84 / Max: 4144.46
Gamemode
Min: 3898.45 / Avg: 3964.43 / Max: 4168.75
async
Min: 3886.03 / Avg: 3960.27 / Max: 4143.72
modesetting attempt
Min: 3821.64 / Avg: 3899.5 / Max: 4117.11
schedutil
Min: 2045.26 / Avg: 3505.44 / Max: 3955.04
4.0GHz
Min: 3936.63 / Avg: 3997.8 / Max: 3999.85
fsync kernel
Min: 3981.46 / Avg: 3998.44 / Max: 3999.97
Arch Linux
Min: 3790.16 / Avg: 4020.42 / Max: 4048.29
Manjaro-TKG-5.5-PDS
Min: 3888 / Avg: 4027.01 / Max: 4078
Arch with fsync kernel 5.4.3
Min: 1998.8 / Avg: 3524.93 / Max: 3999.87
ArchLinuxZenPBO
Min: 3749 / Avg: 3838.52 / Max: 4060
New paste
Min: 3868.59 / Avg: 3966.52 / Max: 4179.01
zenstates oc
Min: 3784.4 / Avg: 4042.1 / Max: 4079.72
Arch 5.5-tkg
Min: 3822 / Avg: 4068.88 / Max: 4116
Lower PBO
Min: 3723 / Avg: 3989.51 / Max: 4036
Arch 5.4.8
Min: 3694.65 / Avg: 3991.8 / Max: 4027.21
4G
Min: 3992 / Avg: 4002.29 / Max: 4046
4075
Min: 4065.47 / Avg: 4074.52 / Max: 4074.98
noacpi-pbo
Min: 3777 / Avg: 3929.95 / Max: 4153
Deepcool
Min: 3905.7 / Avg: 3985.97 / Max: 4224.58
muqss
Min: 3910.36 / Avg: 4072.17 / Max: 4078.82
5.6
Min: 3753 / Avg: 4069.44 / Max: 4132
fancontrol
Min: 3585 / Avg: 4039.32 / Max: 4113
noacpi-5.6
Min: 3968.92 / Avg: 4051.01 / Max: 4085.18
5.6-tkg-pds-acpi
Min: 3961.44 / Avg: 4073.59 / Max: 4114.85
5.6-tkg-acpi-nmon
Min: 3878.98 / Avg: 4064.73 / Max: 4082.28
4100-5.6
Min: 3983.08 / Avg: 4094.36 / Max: 4124.56
5.6-tkg-acpi-pbo
Min: 3269.96 / Avg: 3968.01 / Max: 4220.44
4150

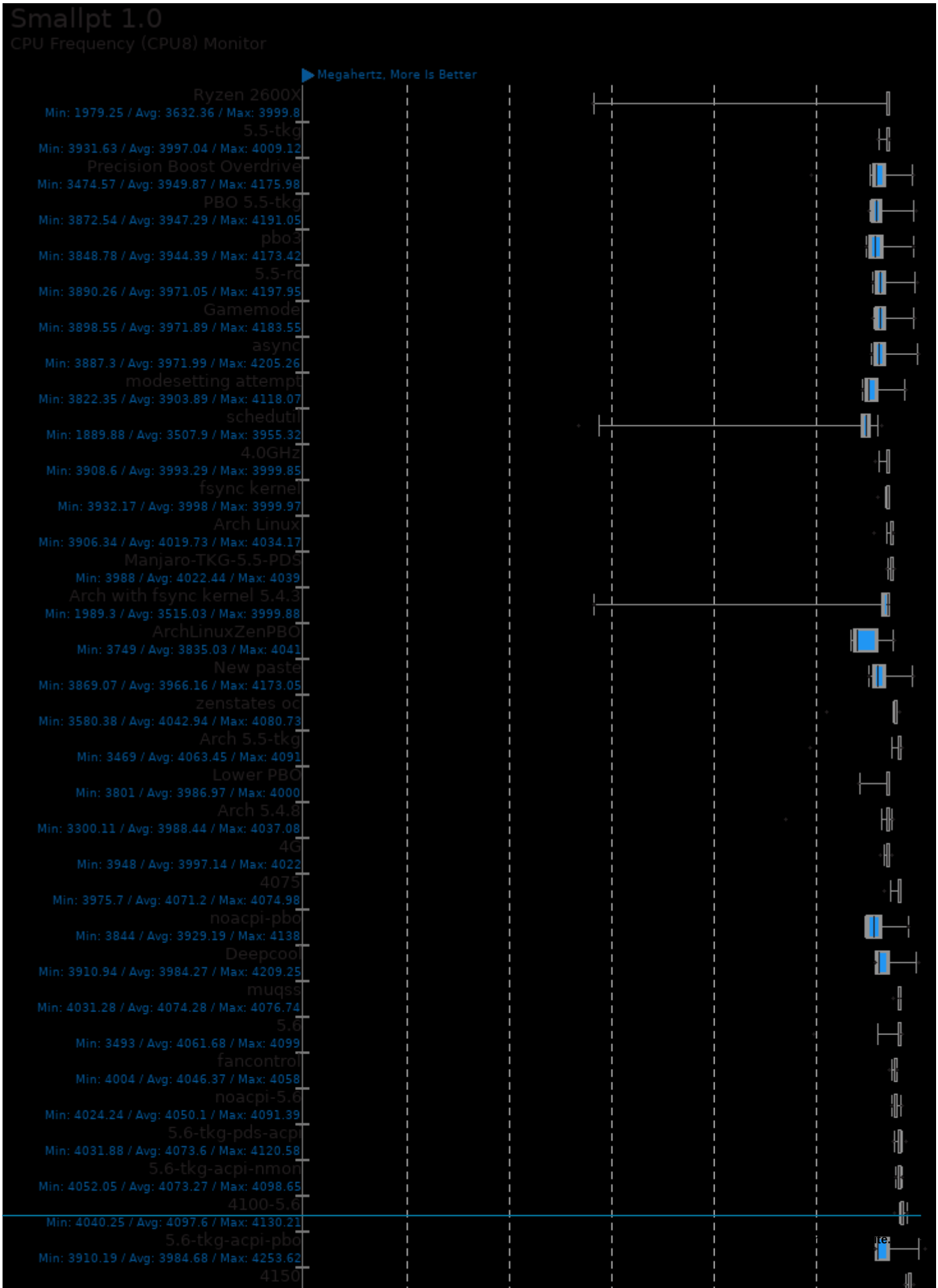
smallpt1


Smallpt 1.0
CPU Frequency (CPU6) Monitor
Megahertz, More Is Better
Ryzen 2600X
Min: 2467.29 / Avg: 3835.04 / Max: 4021.93
5.5-tkg
Min: 3957.69 / Avg: 3998.11 / Max: 4000.12
Precision Boost Overdrive
Min: 3325.74 / Avg: 3901.34 / Max: 4203.53
PBO 5.5-tkg
Min: 3219.56 / Avg: 3869.57 / Max: 4178.4
pbo3
Min: 3108.17 / Avg: 3870.2 / Max: 4017.25
5.5-rc
Min: 3408.42 / Avg: 3932.28 / Max: 4150.11
Gamemode
Min: 3556.11 / Avg: 3946.43 / Max: 4150.5
async
Min: 3569.13 / Avg: 3939.52 / Max: 4118.34
modesetting attempt
Min: 3282.48 / Avg: 3868.73 / Max: 4066.3
schedutil
Min: 2420.2 / Avg: 3662.82 / Max: 4110.33
4.0GHz
Min: 3983.73 / Avg: 3998.97 / Max: 3999.85
fsync kernel
Min: 3994.09 / Avg: 3999.59 / Max: 3999.97
Arch Linux
Min: 3990.83 / Avg: 4023.09 / Max: 4050.38
Manjaro-TKG-5.5-PDS
Min: 4003 / Avg: 4022.6 / Max: 4039
Arch with fsync kernel 5.4.3
Min: 2512.89 / Avg: 3886.14 / Max: 4009.57
ArchLinuxZenPBO
Min: 3548 / Avg: 3823.18 / Max: 4073
New paste
Min: 2808.03 / Avg: 3918.37 / Max: 4168.25
zenstates oc
Min: 4029.97 / Avg: 4048.9 / Max: 4051.66
Arch 5.5-tkg
Min: 4031 / Avg: 4072.39 / Max: 4090
Lower PBO
Min: 3970 / Avg: 3997.32 / Max: 4001
Arch 5.4.8
Min: 3799.93 / Avg: 3996.83 / Max: 4038.02
4G
Min: 3961 / Avg: 3997.83 / Max: 4007
4075
Min: 4057.73 / Avg: 4072.94 / Max: 4074.98
noacpi-pbo
Min: 2738 / Avg: 3840.56 / Max: 4148
Deepcool
Min: 2814.09 / Avg: 3879.73 / Max: 4174.9
muqss
Min: 4024.21 / Avg: 4073.16 / Max: 4096.35
5.6
Min: 3713 / Avg: 4066.42 / Max: 4076
fancontrol
Min: 4024 / Avg: 4047.23 / Max: 4053
noacpi-5.6
Min: 4031.9 / Avg: 4049.18 / Max: 4070.13
5.6-tkg-pds-acpi
Min: 4055.41 / Avg: 4074.03 / Max: 4092.98
5.6-tkg-acpi-nmon
Min: 4018.88 / Avg: 4071.73 / Max: 4078.86
4100-5.6
Min: 4059.96 / Avg: 4097.6 / Max: 4115.54
5.6-tkg-acpi-pbo
Min: 3215.13 / Avg: 3913.87 / Max: 4201.21
4150

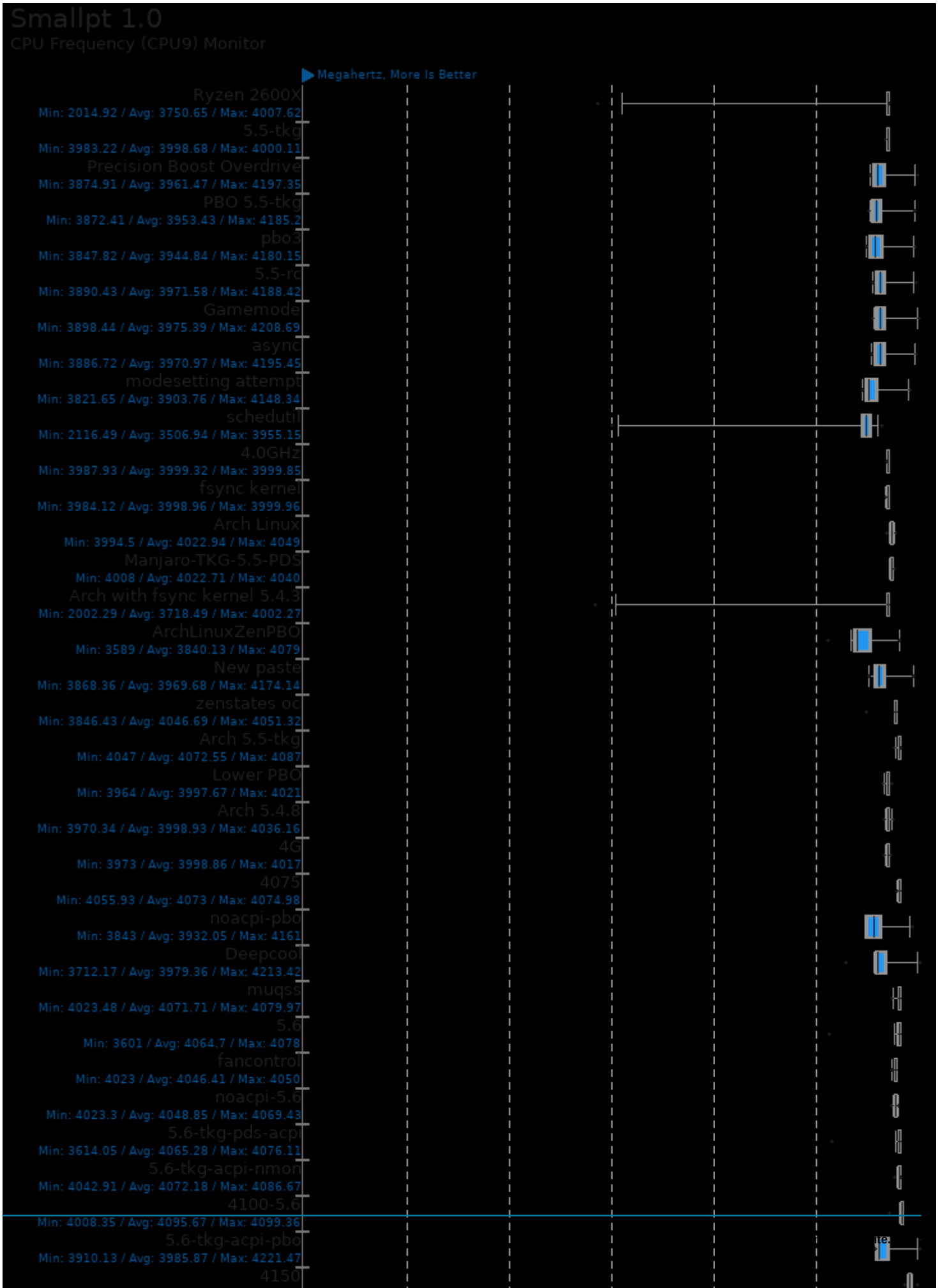
smallpt1


Smallpt 1.0
CPU Frequency (CPU7) Monitor
Megahertz, More Is Better
Ryzen 2600X
Min: 1999.06 / Avg: 3682.29 / Max: 3999.8
5.5-tkg
Min: 3982.33 / Avg: 3998.36 / Max: 4000.11
Precision Boost Overdrive
Min: 3875.07 / Avg: 3963.04 / Max: 4210.31
PBO 5.5-tkg
Min: 3872.52 / Avg: 3951.04 / Max: 4187.44
pbo3
Min: 3848.78 / Avg: 3945.07 / Max: 4177.29
5.5-rc
Min: 3890.26 / Avg: 3971.19 / Max: 4194.15
Gamemode
Min: 3898.54 / Avg: 3975.33 / Max: 4199.18
async
Min: 3887.85 / Avg: 3971.81 / Max: 4203.31
modesetting attempt
Min: 3822.35 / Avg: 3905.28 / Max: 4139.46
schedutil
Min: 1848.39 / Avg: 3488.35 / Max: 3955.32
4.0GHz
Min: 3971.02 / Avg: 3997.86 / Max: 3999.85
fsync kernel
Min: 3993.73 / Avg: 3999.62 / Max: 3999.97
Arch Linux
Min: 4005.27 / Avg: 4021.69 / Max: 4024.4
Manjaro-TKG-5.5-PDS
Min: 3990 / Avg: 4021.67 / Max: 4038
Arch with fsync kernel 5.4.3
Min: 1996.99 / Avg: 3533.36 / Max: 3999.87
ArchLinuxZenPBO
Min: 3749 / Avg: 3848.95 / Max: 4083
New paste
Min: 3871.8 / Avg: 3969.24 / Max: 4175.1
zenstates oc
Min: 3544.12 / Avg: 4040.37 / Max: 4071.7
Arch 5.5-tkg
Min: 4049 / Avg: 4073.76 / Max: 4102
Lower PBO
Min: 3966 / Avg: 3997.61 / Max: 4015
Arch 5.4.8
Min: 3958.28 / Avg: 3997.33 / Max: 4008.77
4G
Min: 3967 / Avg: 3997.01 / Max: 4000
4075
Min: 4061.49 / Avg: 4073.54 / Max: 4082.54
noacpi-pbo
Min: 3844 / Avg: 3930.29 / Max: 4150
Deepcool
Min: 3911.35 / Avg: 3985.73 / Max: 4206.17
muqss
Min: 4031.77 / Avg: 4073.61 / Max: 4085.4
5.6
Min: 4033 / Avg: 4070.95 / Max: 4087
fancontrol
Min: 4010 / Avg: 4046.85 / Max: 4068
noacpi-5.6
Min: 4031.36 / Avg: 4049.83 / Max: 4087.99
5.6-tkg-pds-acpi
Min: 4053.56 / Avg: 4073.59 / Max: 4118.95
5.6-tkg-acpi-nmon
Min: 4045.23 / Avg: 4072.91 / Max: 4090.3
4100-5.6
Min: 4071.72 / Avg: 4096.88 / Max: 4108.81
5.6-tkg-acpi-pbo
Min: 3905.02 / Avg: 3979.76 / Max: 4231.2
4150

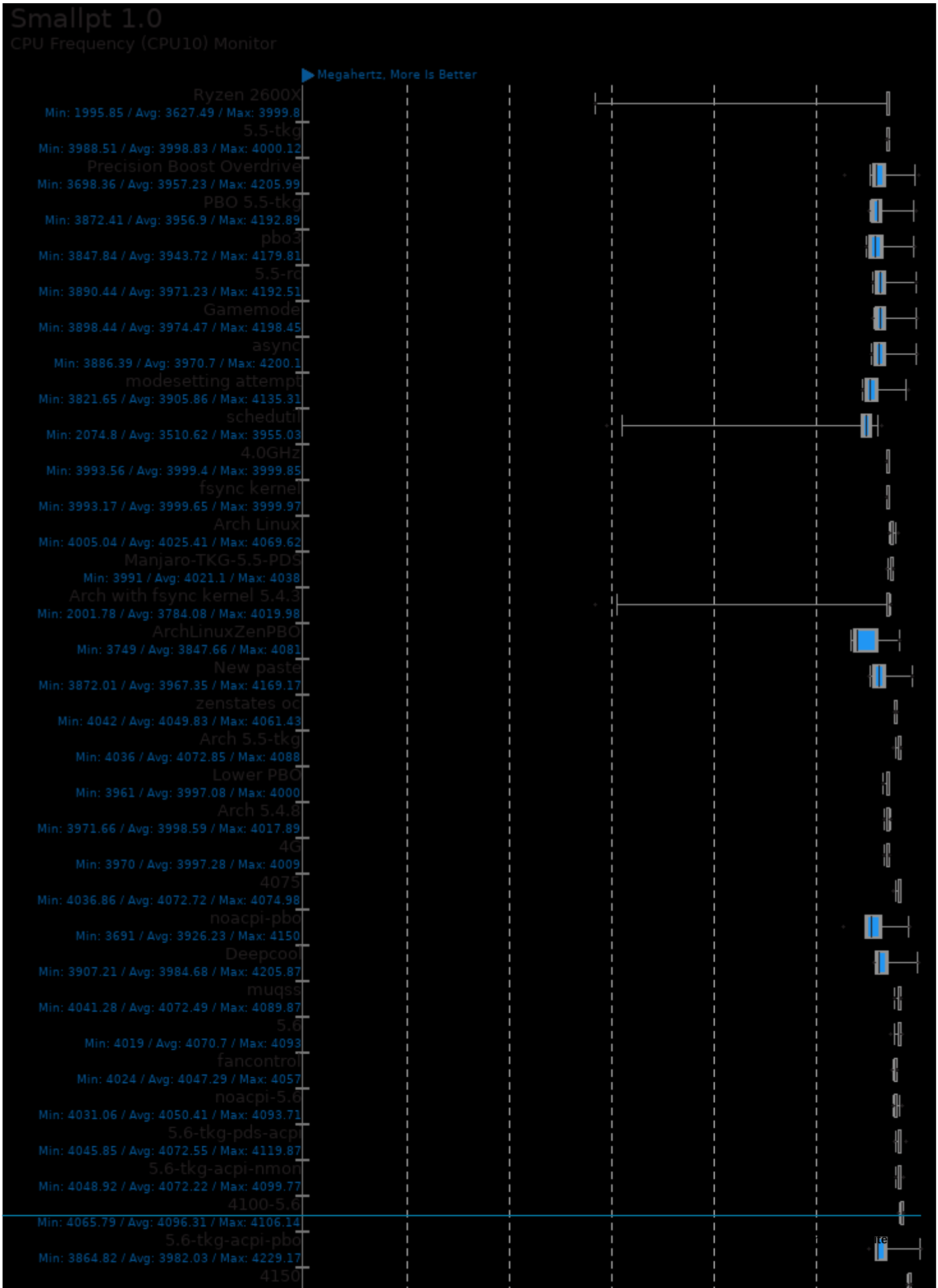
smallpt1


Smallpt 1.0
CPU Frequency (CPU8) Monitor
Megahertz, More Is Better
Ryzen 2600X
Min: 1979.25 / Avg: 3632.36 / Max: 3999.8
5.5-tkg
Min: 3931.63 / Avg: 3997.04 / Max: 4009.12
Precision Boost Overdrive
Min: 3474.57 / Avg: 3949.87 / Max: 4175.98
PBO 5.5-tkg
Min: 3872.54 / Avg: 3947.29 / Max: 4191.05
pbo3
Min: 3848.78 / Avg: 3944.39 / Max: 4173.42
5.5-rc
Min: 3890.26 / Avg: 3971.05 / Max: 4197.95
Gamemode
Min: 3898.55 / Avg: 3971.89 / Max: 4183.55
async
Min: 3887.3 / Avg: 3971.99 / Max: 4205.26
modesetting attempt
Min: 3822.35 / Avg: 3903.89 / Max: 4118.07
schedutil
Min: 1889.88 / Avg: 3507.9 / Max: 3955.32
4.0GHz
Min: 3908.6 / Avg: 3993.29 / Max: 3999.85
fsync kernel
Min: 3932.17 / Avg: 3998 / Max: 3999.97
Arch Linux
Min: 3906.34 / Avg: 4019.73 / Max: 4034.17
Manjaro-TKG-5.5-PDS
Min: 3988 / Avg: 4022.44 / Max: 4039
Arch with fsync kernel 5.4.3
Min: 1989.3 / Avg: 3515.03 / Max: 3999.88
ArchLinuxZenPBO
Min: 3749 / Avg: 3835.03 / Max: 4041
New paste
Min: 3869.07 / Avg: 3966.16 / Max: 4173.05
zenstates oc
Min: 3580.38 / Avg: 4042.94 / Max: 4080.73
Arch 5.5-tkg
Min: 3469 / Avg: 4063.45 / Max: 4091
Lower PBO
Min: 3801 / Avg: 3986.97 / Max: 4000
Arch 5.4.8
Min: 3300.11 / Avg: 3988.44 / Max: 4037.08
4G
Min: 3948 / Avg: 3997.14 / Max: 4022
4075
Min: 3975.7 / Avg: 4071.2 / Max: 4074.98
noacpi-pbo
Min: 3844 / Avg: 3929.19 / Max: 4138
Deepcool
Min: 3910.94 / Avg: 3984.27 / Max: 4209.25
muqss
Min: 4031.28 / Avg: 4074.28 / Max: 4076.74
5.6
Min: 3493 / Avg: 4061.68 / Max: 4099
fancontrol
Min: 4004 / Avg: 4046.37 / Max: 4058
noacpi-5.6
Min: 4024.24 / Avg: 4050.1 / Max: 4091.39
5.6-tkg-pds-acpi
Min: 4031.88 / Avg: 4073.6 / Max: 4120.58
5.6-tkg-acpi-nmon
Min: 4052.05 / Avg: 4073.27 / Max: 4098.65
4100-5.6
Min: 4040.25 / Avg: 4097.6 / Max: 4130.21
5.6-tkg-acpi-pbo
Min: 3910.19 / Avg: 3984.68 / Max: 4253.62
4150

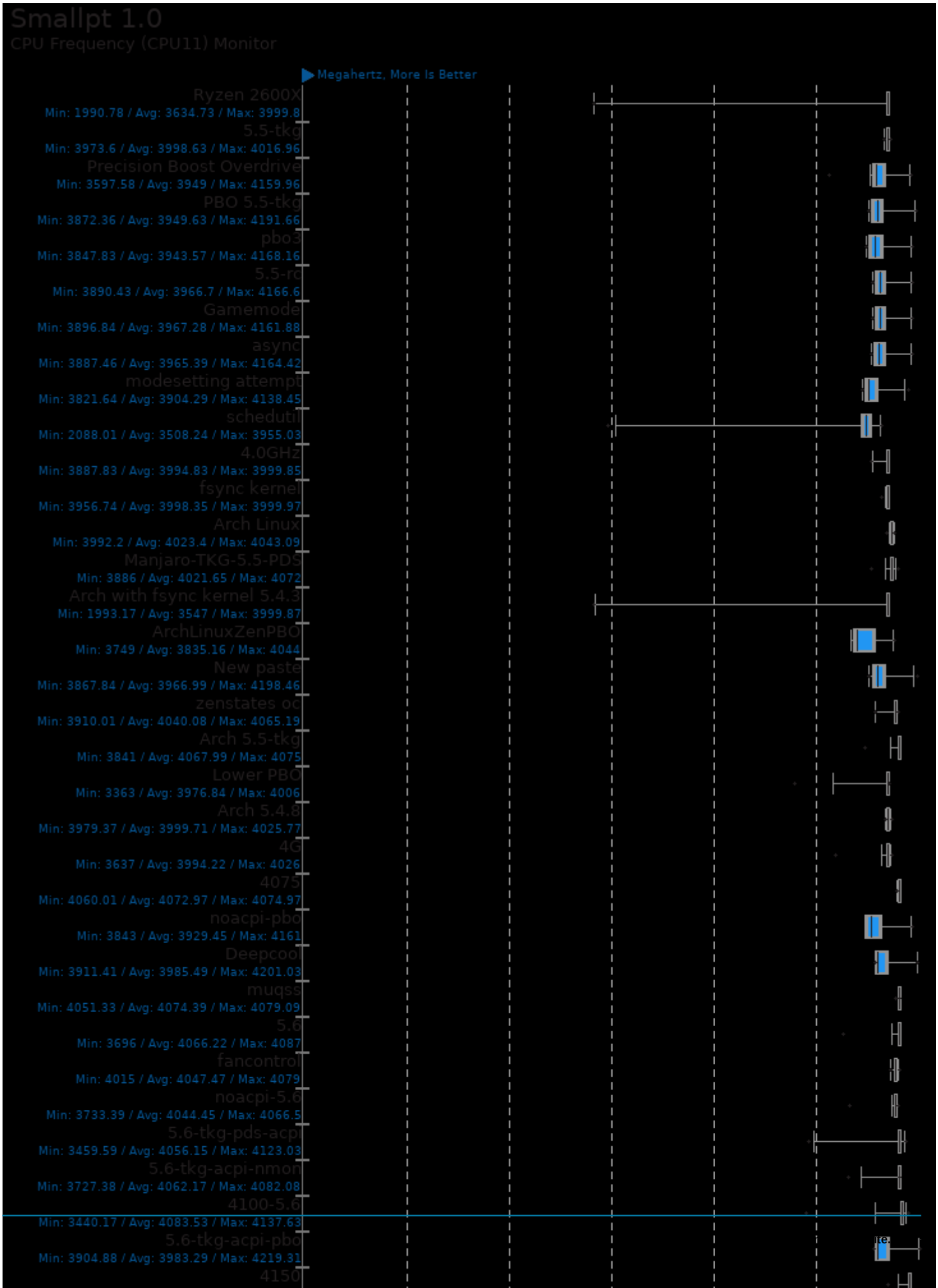
smallpt1


Smallpt 1.0
CPU Frequency (CPU9) Monitor
Megahertz, More Is Better
Ryzen 2600X
Min: 2014.92 / Avg: 3750.65 / Max: 4007.62
5.5-tkg
Min: 3983.22 / Avg: 3998.68 / Max: 4000.11
Precision Boost Overdrive
Min: 3874.91 / Avg: 3961.47 / Max: 4197.35
PBO 5.5-tkg
Min: 3872.41 / Avg: 3953.43 / Max: 4185.2
pbo3
Min: 3847.82 / Avg: 3944.84 / Max: 4180.15
5.5-rc
Min: 3890.43 / Avg: 3971.58 / Max: 4188.42
Gamemode
Min: 3898.44 / Avg: 3975.39 / Max: 4208.69
async
Min: 3886.72 / Avg: 3970.97 / Max: 4195.45
modesetting attempt
Min: 3821.65 / Avg: 3903.76 / Max: 4148.34
schedutil
Min: 2116.49 / Avg: 3506.94 / Max: 3955.15
4.0GHz
Min: 3987.93 / Avg: 3999.32 / Max: 3999.85
fsync kernel
Min: 3984.12 / Avg: 3998.96 / Max: 3999.96
Arch Linux
Min: 3994.5 / Avg: 4022.94 / Max: 4049
Manjaro-TKG-5.5-PDS
Min: 4008 / Avg: 4022.71 / Max: 4040
Arch with fsync kernel 5.4.3
Min: 2002.29 / Avg: 3718.49 / Max: 4002.27
ArchLinuxZenPBO
Min: 3589 / Avg: 3840.13 / Max: 4079
New paste
Min: 3868.36 / Avg: 3969.68 / Max: 4174.14
zenstates oc
Min: 3846.43 / Avg: 4046.69 / Max: 4051.32
Arch 5.5-tkg
Min: 4047 / Avg: 4072.55 / Max: 4087
Lower PBO
Min: 3964 / Avg: 3997.67 / Max: 4021
Arch 5.4.8
Min: 3970.34 / Avg: 3998.93 / Max: 4036.16
4G
Min: 3973 / Avg: 3998.86 / Max: 4017
4075
Min: 4055.93 / Avg: 4073 / Max: 4074.98
noacpi-pbo
Min: 3843 / Avg: 3932.05 / Max: 4161
Deepcool
Min: 3712.17 / Avg: 3979.36 / Max: 4213.42
muqss
Min: 4023.48 / Avg: 4071.71 / Max: 4079.97
5.6
Min: 3601 / Avg: 4064.7 / Max: 4078
fancontrol
Min: 4023 / Avg: 4046.41 / Max: 4050
noacpi-5.6
Min: 4023.3 / Avg: 4048.85 / Max: 4069.43
5.6-tkg-pds-acpi
Min: 3614.05 / Avg: 4065.28 / Max: 4076.11
5.6-tkg-acpi-nmon
Min: 4042.91 / Avg: 4072.18 / Max: 4086.67
4100-5.6
Min: 4008.35 / Avg: 4095.67 / Max: 4099.36
5.6-tkg-acpi-pbo
Min: 3910.13 / Avg: 3985.87 / Max: 4221.47
4150

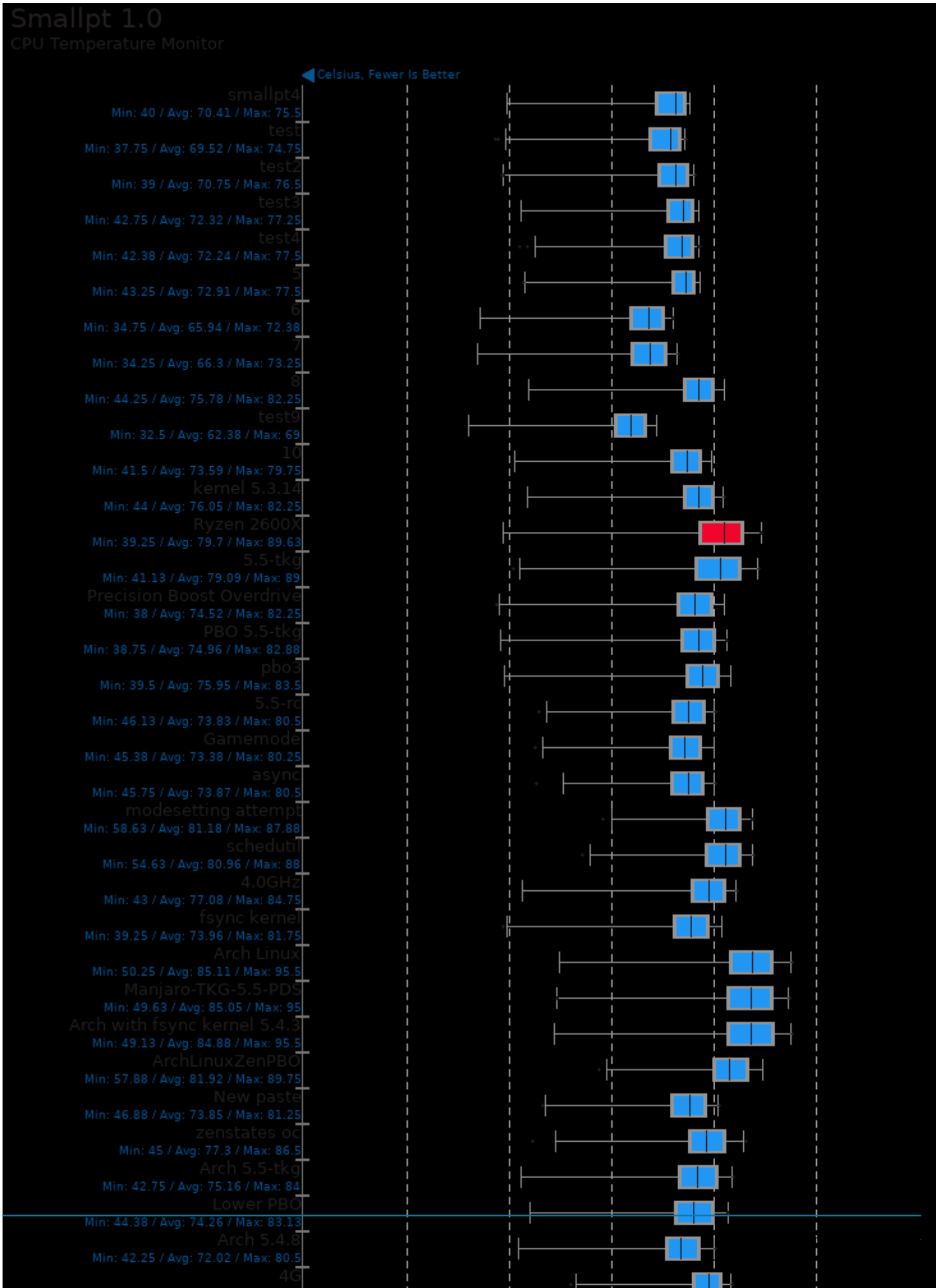
smallpt1


Smallpt 1.0
CPU Frequency (CPU10) Monitor
Megahertz, More Is Better
Ryzen 2600X
Min: 1995.85 / Avg: 3627.49 / Max: 3999.8
5.5-tkg
Min: 3988.51 / Avg: 3998.83 / Max: 4000.12
Precision Boost Overdrive
Min: 3698.36 / Avg: 3957.23 / Max: 4205.99
PBO 5.5-tkg
Min: 3872.41 / Avg: 3956.9 / Max: 4192.89
pbo3
Min: 3847.84 / Avg: 3943.72 / Max: 4179.81
5.5-rc
Min: 3890.44 / Avg: 3971.23 / Max: 4192.51
Gamemode
Min: 3898.44 / Avg: 3974.47 / Max: 4198.45
async
Min: 3886.39 / Avg: 3970.7 / Max: 4200.1
modesetting attempt
Min: 3821.65 / Avg: 3905.86 / Max: 4135.31
schedutil
Min: 2074.8 / Avg: 3510.62 / Max: 3955.03
4.0GHz
Min: 3993.56 / Avg: 3999.4 / Max: 3999.85
fsync kernel
Min: 3993.17 / Avg: 3999.65 / Max: 3999.97
Arch Linux
Min: 4005.04 / Avg: 4025.41 / Max: 4069.62
Manjaro-TKG-5.5-PDS
Min: 3991 / Avg: 4021.1 / Max: 4038
Arch with fsync kernel 5.4.3
Min: 2001.78 / Avg: 3784.08 / Max: 4019.98
ArchLinuxZenPBO
Min: 3749 / Avg: 3847.66 / Max: 4081
New paste
Min: 3872.01 / Avg: 3967.35 / Max: 4169.17
zenstates oc
Min: 4042 / Avg: 4049.83 / Max: 4061.43
Arch 5.5-tkg
Min: 4036 / Avg: 4072.85 / Max: 4088
Lower PBO
Min: 3961 / Avg: 3997.08 / Max: 4000
Arch 5.4.8
Min: 3971.66 / Avg: 3998.59 / Max: 4017.89
4G
Min: 3970 / Avg: 3997.28 / Max: 4009
4075
Min: 4036.86 / Avg: 4072.72 / Max: 4074.98
noacpi-pbo
Min: 3691 / Avg: 3926.23 / Max: 4150
Deepcool
Min: 3907.21 / Avg: 3984.68 / Max: 4205.87
muqss
Min: 4041.28 / Avg: 4072.49 / Max: 4089.87
5.6
Min: 4019 / Avg: 4070.7 / Max: 4093
fancontrol
Min: 4024 / Avg: 4047.29 / Max: 4057
noacpi-5.6
Min: 4031.06 / Avg: 4050.41 / Max: 4093.71
5.6-tkg-pds-acpi
Min: 4045.85 / Avg: 4072.55 / Max: 4119.87
5.6-tkg-acpi-nmon
Min: 4048.92 / Avg: 4072.22 / Max: 4099.77
4100-5.6
Min: 4065.79 / Avg: 4096.31 / Max: 4106.14
5.6-tkg-acpi-pbo
Min: 3864.82 / Avg: 3982.03 / Max: 4229.17
4150

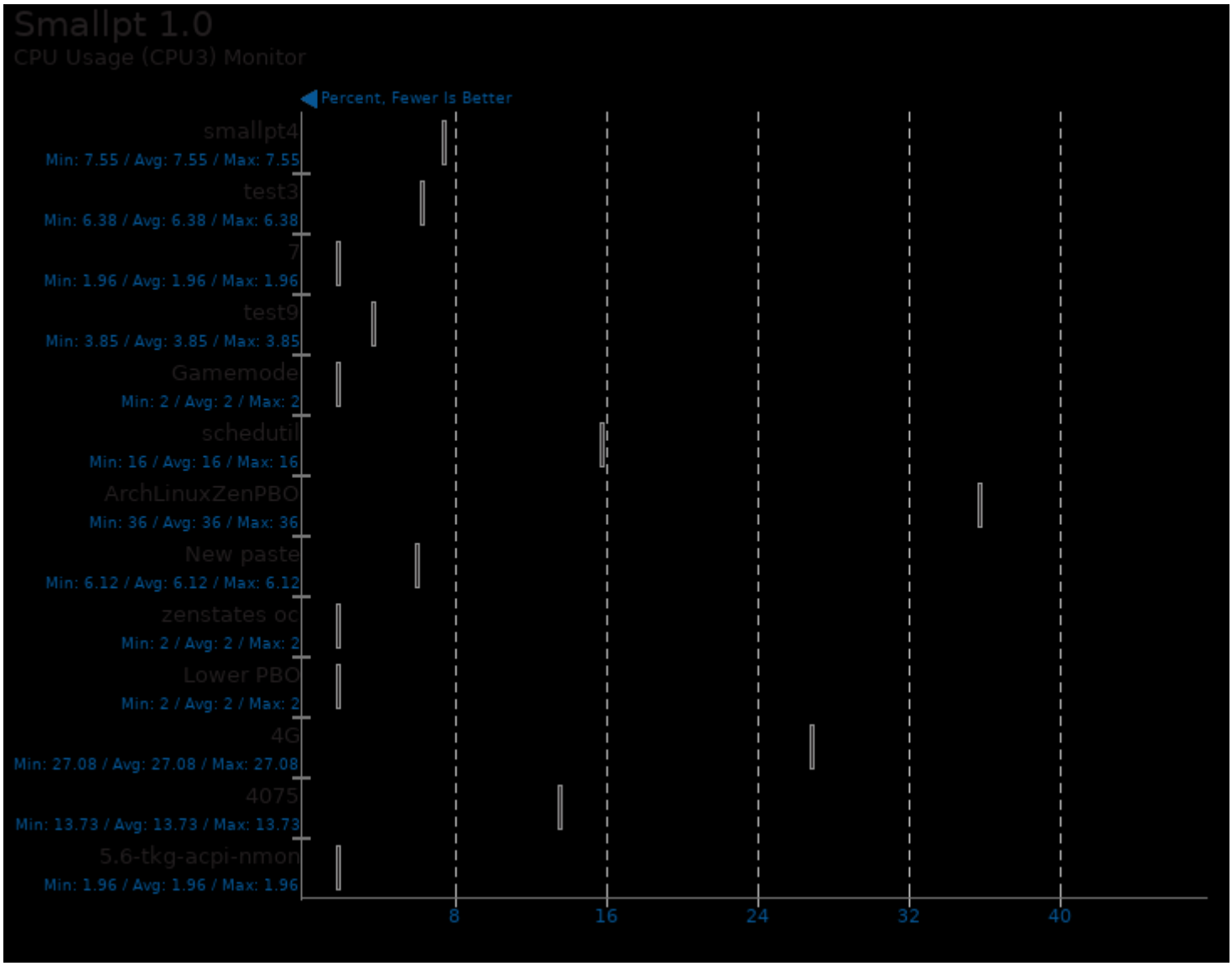
smallpt1


Smallpt 1.0
CPU Frequency (CPU11) Monitor
Megahertz, More Is Better
Ryzen 2600X
Min: 1990.78 / Avg: 3634.73 / Max: 3999.8
5.5-tkg
Min: 3973.6 / Avg: 3998.63 / Max: 4016.96
Precision Boost Overdrive
Min: 3597.58 / Avg: 3949 / Max: 4159.96
PBO 5.5-tkg
Min: 3872.36 / Avg: 3949.63 / Max: 4191.66
pbo3
Min: 3847.83 / Avg: 3943.57 / Max: 4168.16
5.5-rc
Min: 3890.43 / Avg: 3966.7 / Max: 4166.6
Gamemode
Min: 3896.84 / Avg: 3967.28 / Max: 4161.88
async
Min: 3887.46 / Avg: 3965.39 / Max: 4164.42
modesetting attempt
Min: 3821.64 / Avg: 3904.29 / Max: 4138.45
schedutil
Min: 2088.01 / Avg: 3508.24 / Max: 3955.03
4.0GHz
Min: 3887.83 / Avg: 3994.83 / Max: 3999.85
fsync kernel
Min: 3956.74 / Avg: 3998.35 / Max: 3999.97
Arch Linux
Min: 3992.2 / Avg: 4023.4 / Max: 4043.09
Manjaro-TKG-5.5-PDS
Min: 3886 / Avg: 4021.65 / Max: 4072
Arch with fsync kernel 5.4.3
Min: 1993.17 / Avg: 3547 / Max: 3999.87
ArchLinuxZenPBO
Min: 3749 / Avg: 3835.16 / Max: 4044
New paste
Min: 3867.84 / Avg: 3966.99 / Max: 4198.46
zenstates oc
Min: 3910.01 / Avg: 4040.08 / Max: 4065.19
Arch 5.5-tkg
Min: 3841 / Avg: 4067.99 / Max: 4075
Lower PBO
Min: 3363 / Avg: 3976.84 / Max: 4006
Arch 5.4.8
Min: 3979.37 / Avg: 3999.71 / Max: 4025.77
4G
Min: 3637 / Avg: 3994.22 / Max: 4026
4075
Min: 4060.01 / Avg: 4072.97 / Max: 4074.97
noacpi-pbo
Min: 3843 / Avg: 3929.45 / Max: 4161
Deepcool
Min: 3911.41 / Avg: 3985.49 / Max: 4201.03
muqss
Min: 4051.33 / Avg: 4074.39 / Max: 4079.09
5.6
Min: 3696 / Avg: 4066.22 / Max: 4087
fancontrol
Min: 4015 / Avg: 4047.47 / Max: 4079
noacpi-5.6
Min: 3733.39 / Avg: 4044.45 / Max: 4066.5
5.6-tkg-pds-acpi
Min: 3459.59 / Avg: 4056.15 / Max: 4123.03
5.6-tkg-acpi-nmon
Min: 3727.38 / Avg: 4062.17 / Max: 4082.08
4100-5.6
Min: 3440.17 / Avg: 4083.53 / Max: 4137.63
5.6-tkg-acpi-pbo
Min: 3904.88 / Avg: 3983.29 / Max: 4219.31
4150

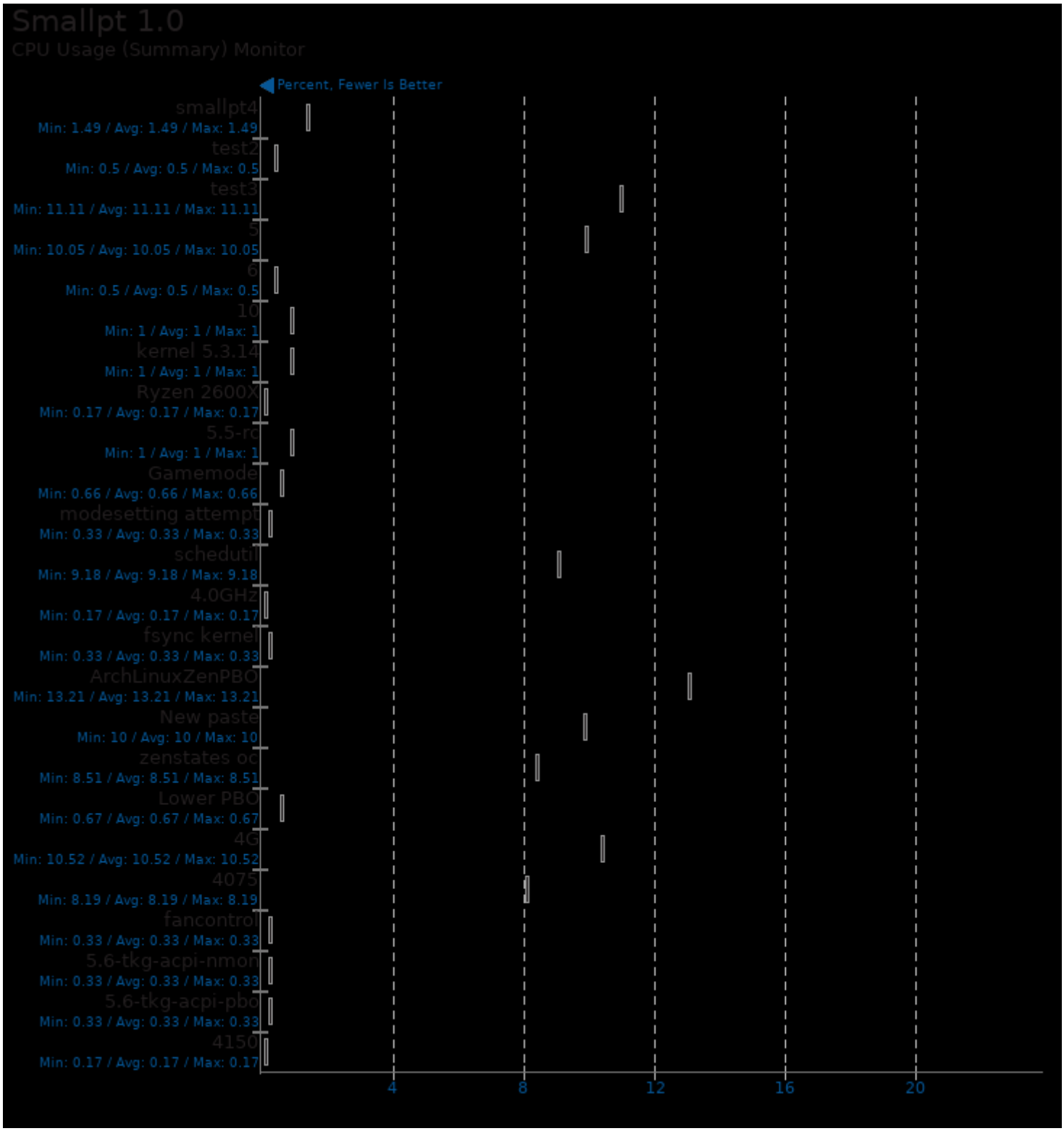
smallpt1


Smallpt 1.0
CPU Temperature Monitor
Celsius, Fewer Is Better
smallpt4
Min: 40 / Avg: 70.41 / Max: 75.5
test
Min: 37.75 / Avg: 69.52 / Max: 74.75
test2
Min: 39 / Avg: 70.75 / Max: 76.5
test3
Min: 42.75 / Avg: 72.32 / Max: 77.25
test4
Min: 42.38 / Avg: 72.24 / Max: 77.5
5
Min: 43.25 / Avg: 72.91 / Max: 77.5
6
Min: 34.75 / Avg: 65.94 / Max: 72.38
7
Min: 34.25 / Avg: 66.3 / Max: 73.25
8
Min: 44.25 / Avg: 75.78 / Max: 82.25
test9
Min: 32.5 / Avg: 62.38 / Max: 69
10
Min: 41.5 / Avg: 73.59 / Max: 79.75
kernel 5.3.14
Min: 44 / Avg: 76.05 / Max: 82.25
Ryzen 2600X
Min: 39.25 / Avg: 79.7 / Max: 89.63
5.5-tkg
Min: 41.13 / Avg: 79.09 / Max: 89
Precision Boost Overdrive
Min: 38 / Avg: 74.52 / Max: 82.25
PBO 5.5-tkg
Min: 38.75 / Avg: 74.96 / Max: 82.88
pbo3
Min: 39.5 / Avg: 75.95 / Max: 83.5
5.5-rc
Min: 46.13 / Avg: 73.83 / Max: 80.5
Gamemode
Min: 45.38 / Avg: 73.38 / Max: 80.25
async
Min: 45.75 / Avg: 73.87 / Max: 80.5
modesetting attempt
Min: 58.63 / Avg: 81.18 / Max: 87.88
schedutil
Min: 54.63 / Avg: 80.96 / Max: 88
4.0GHz
Min: 43 / Avg: 77.08 / Max: 84.75
fsync kernel
Min: 39.25 / Avg: 73.96 / Max: 81.75
Arch Linux
Min: 50.25 / Avg: 85.11 / Max: 95.5
Manjaro-TKG-5.5-PDS
Min: 49.63 / Avg: 85.05 / Max: 95
Arch with fsync kernel 5.4.3
Min: 49.13 / Avg: 84.88 / Max: 95.5
ArchLinuxZenPBO
Min: 57.88 / Avg: 81.92 / Max: 89.75
New paste
Min: 46.88 / Avg: 73.85 / Max: 81.25
zenstates oc
Min: 45 / Avg: 77.3 / Max: 86.5
Arch 5.5-tkg
Min: 42.75 / Avg: 75.16 / Max: 84
Lower PBO
Min: 44.38 / Avg: 74.26 / Max: 83.13
Arch 5.4.8
Min: 42.25 / Avg: 72.02 / Max: 80.5
4G

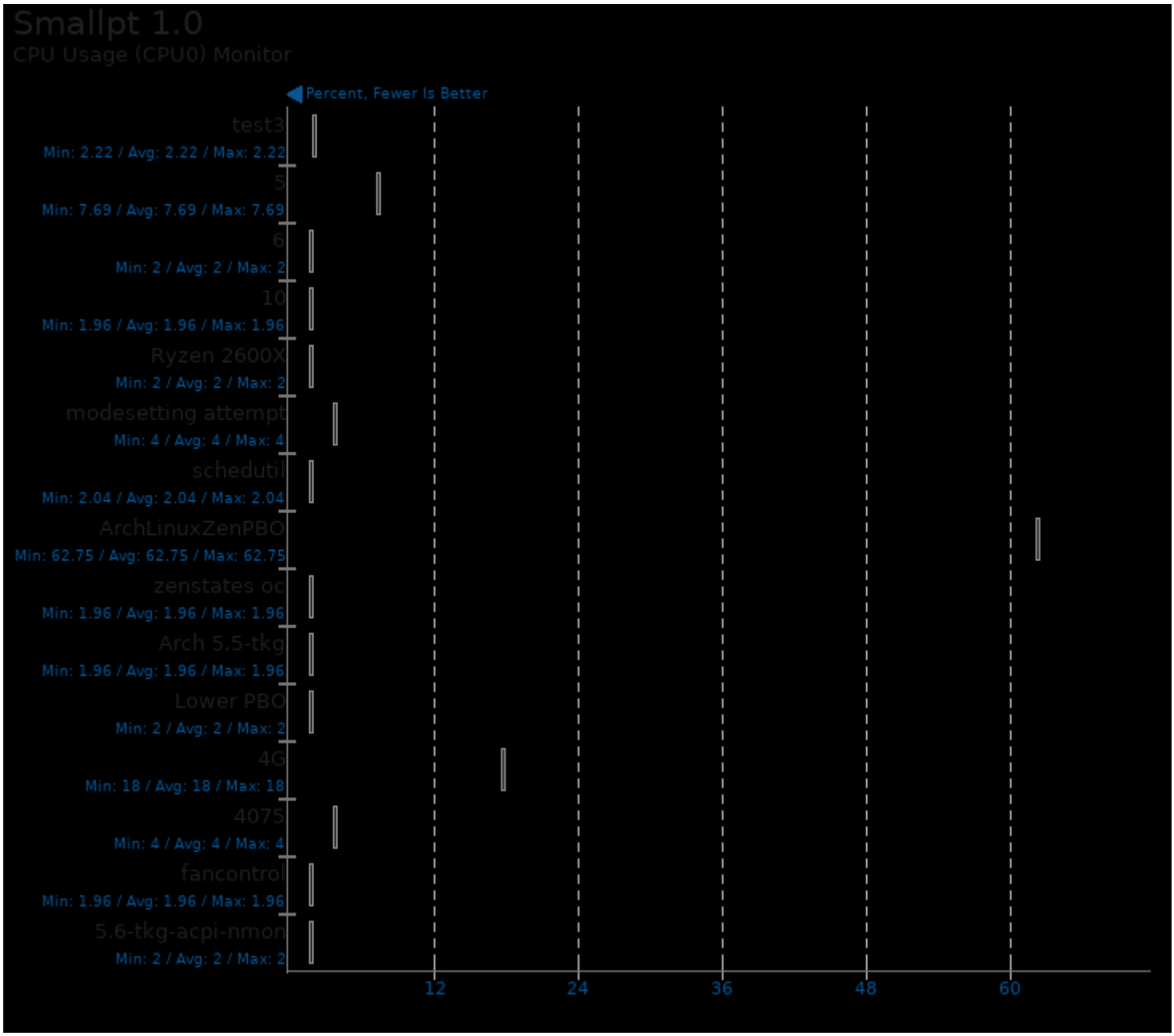
smallpt1


Smallpt 1.0
CPU Usage (CPU3) Monitor
Percent, Fewer Is Better
smallpt4
Min: 7.55 / Avg: 7.55 / Max: 7.55
test3
Min: 6.38 / Avg: 6.38 / Max: 6.38
7
Min: 1.96 / Avg: 1.96 / Max: 1.96
test9
Min: 3.85 / Avg: 3.85 / Max: 3.85
Gamemode
Min: 2 / Avg: 2 / Max: 2
schedutil
Min: 16 / Avg: 16 / Max: 16
ArchLinuxZenPBO
Min: 36 / Avg: 36 / Max: 36
New paste
Min: 6.12 / Avg: 6.12 / Max: 6.12
zenstates oc
Min: 2 / Avg: 2 / Max: 2
Lower PBO
Min: 2 / Avg: 2 / Max: 2
4G
Min: 27.08 / Avg: 27.08 / Max: 27.08
4075
Min: 13.73 / Avg: 13.73 / Max: 13.73
5.6-tkg-acpi-nmon
Min: 1.96 / Avg: 1.96 / Max: 1.96
8
16
24
32
40

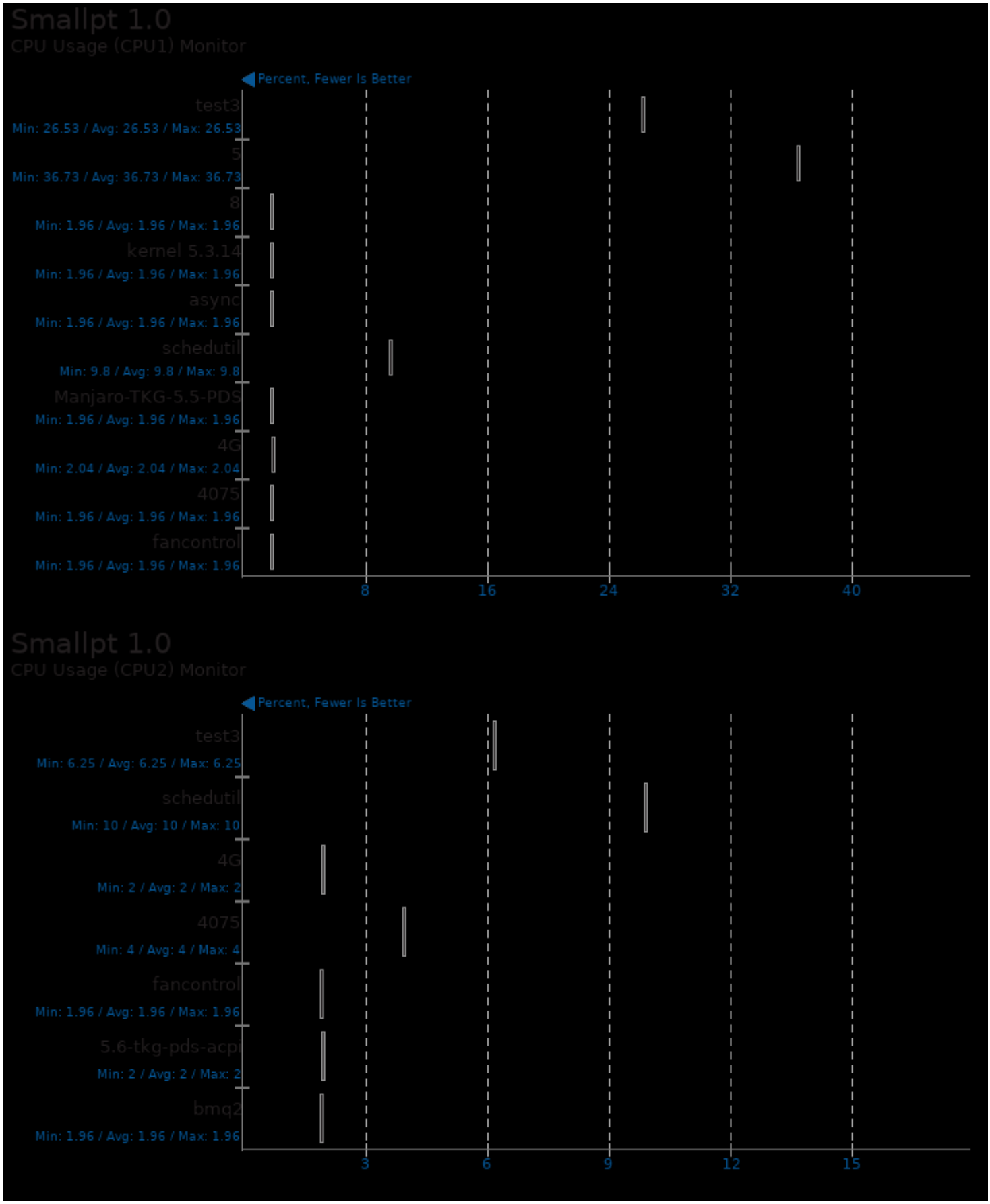
smallpt1


Smallpt 1.0
CPU Usage (Summary) Monitor
Percent, Fewer Is Better
smallpt4
Min: 1.49 / Avg: 1.49 / Max: 1.49
test2
Min: 0.5 / Avg: 0.5 / Max: 0.5
test3
Min: 11.11 / Avg: 11.11 / Max: 11.11
5
Min: 10.05 / Avg: 10.05 / Max: 10.05
6
Min: 0.5 / Avg: 0.5 / Max: 0.5
10
Min: 1 / Avg: 1 / Max: 1
kernel 5.3.14
Min: 1 / Avg: 1 / Max: 1
Ryzen 2600X
Min: 0.17 / Avg: 0.17 / Max: 0.17
5.5-rc
Min: 1 / Avg: 1 / Max: 1
Gamemode
Min: 0.66 / Avg: 0.66 / Max: 0.66
modesetting attempt
Min: 0.33 / Avg: 0.33 / Max: 0.33
scheduti
Min: 9.18 / Avg: 9.18 / Max: 9.18
4.0GHz
Min: 0.17 / Avg: 0.17 / Max: 0.17
fsync kernel
Min: 0.33 / Avg: 0.33 / Max: 0.33
ArchLinuxZenPBO
Min: 13.21 / Avg: 13.21 / Max: 13.21
New paste
Min: 10 / Avg: 10 / Max: 10
zenstates oc
Min: 8.51 / Avg: 8.51 / Max: 8.51
Lower PBO
Min: 0.67 / Avg: 0.67 / Max: 0.67
4G
Min: 10.52 / Avg: 10.52 / Max: 10.52
4075
Min: 8.19 / Avg: 8.19 / Max: 8.19
fancontrol
Min: 0.33 / Avg: 0.33 / Max: 0.33
5.6-tkg-acpi-nmon
Min: 0.33 / Avg: 0.33 / Max: 0.33
5.6-tkg-acpi-pbo
Min: 0.33 / Avg: 0.33 / Max: 0.33
4150
Min: 0.17 / Avg: 0.17 / Max: 0.17
4
8
12
16
20

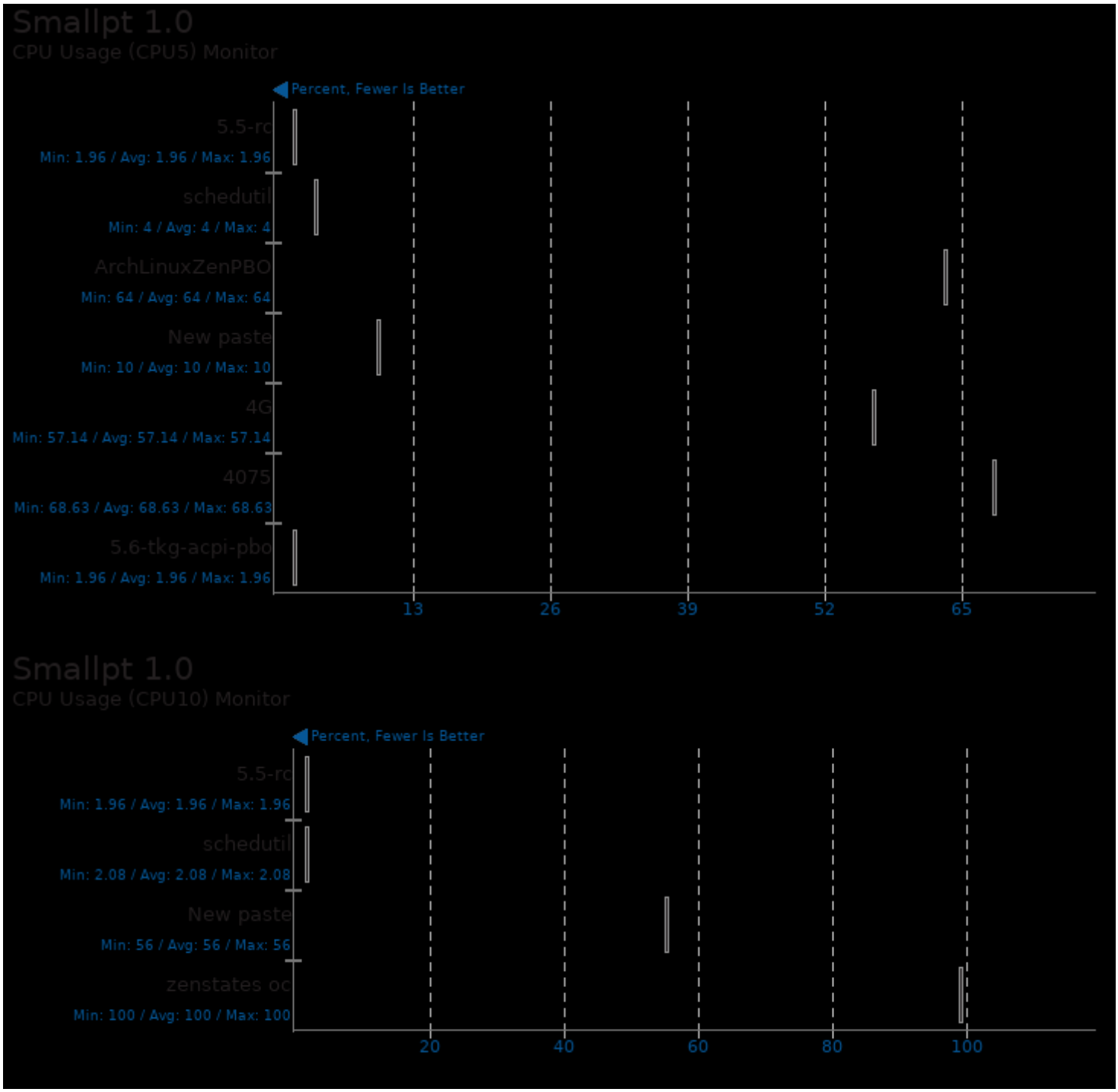
smallpt1


Smallpt 1.0
CPU Usage (CPU0) Monitor
Percent, Fewer Is Better
test3
Min: 2.22 / Avg: 2.22 / Max: 2.22
5
Min: 7.69 / Avg: 7.69 / Max: 7.69
6
Min: 2 / Avg: 2 / Max: 2
10
Min: 1.96 / Avg: 1.96 / Max: 1.96
Ryzen 2600X
Min: 2 / Avg: 2 / Max: 2
modesetting attempt
Min: 4 / Avg: 4 / Max: 4
schedutil
Min: 2.04 / Avg: 2.04 / Max: 2.04
ArchLinuxZenPBO
Min: 62.75 / Avg: 62.75 / Max: 62.75
zenstates oc
Min: 1.96 / Avg: 1.96 / Max: 1.96
Arch 5.5-tkg
Min: 1.96 / Avg: 1.96 / Max: 1.96
Lower PBO
Min: 2 / Avg: 2 / Max: 2
4G
Min: 18 / Avg: 18 / Max: 18
4075
Min: 4 / Avg: 4 / Max: 4
fancontrol
Min: 1.96 / Avg: 1.96 / Max: 1.96
5.6-tkg-acpi-nmon
Min: 2 / Avg: 2 / Max: 2
12
24
36
48
60

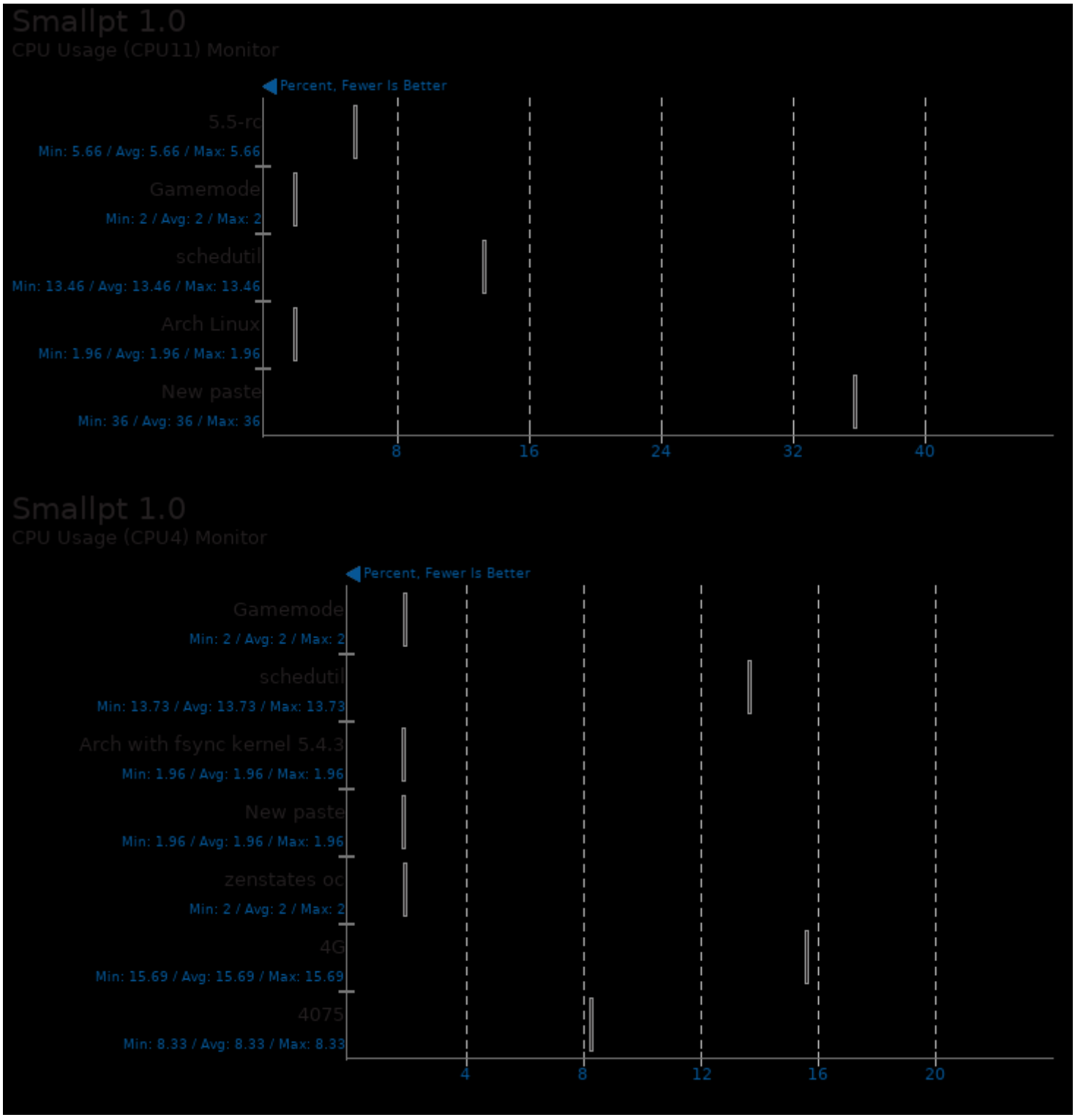
smallpt1


Smallpt 1.0
CPU Usage (CPU1) Monitor
Percent, Fewer Is Better
test3
Min: 26.53 / Avg: 26.53 / Max: 26.53
5
Min: 36.73 / Avg: 36.73 / Max: 36.73
8
Min: 1.96 / Avg: 1.96 / Max: 1.96
kernel 5.3.14
Min: 1.96 / Avg: 1.96 / Max: 1.96
async
Min: 1.96 / Avg: 1.96 / Max: 1.96
schedutil
Min: 9.8 / Avg: 9.8 / Max: 9.8
Manjaro-TKG-5.5-PDS
Min: 1.96 / Avg: 1.96 / Max: 1.96
4G
Min: 2.04 / Avg: 2.04 / Max: 2.04
4075
Min: 1.96 / Avg: 1.96 / Max: 1.96
fancontrol
Min: 1.96 / Avg: 1.96 / Max: 1.96
8
16
24
32
40
Smallpt 1.0
CPU Usage (CPU2) Monitor
Percent, Fewer Is Better
test3
Min: 6.25 / Avg: 6.25 / Max: 6.25
schedutil
Min: 10 / Avg: 10 / Max: 10
4G
Min: 2 / Avg: 2 / Max: 2
4075
Min: 4 / Avg: 4 / Max: 4
fancontrol
Min: 1.96 / Avg: 1.96 / Max: 1.96
5.6-tkg-pds-acp
Min: 2 / Avg: 2 / Max: 2
bmq2
Min: 1.96 / Avg: 1.96 / Max: 1.96
3
6
9
12
15

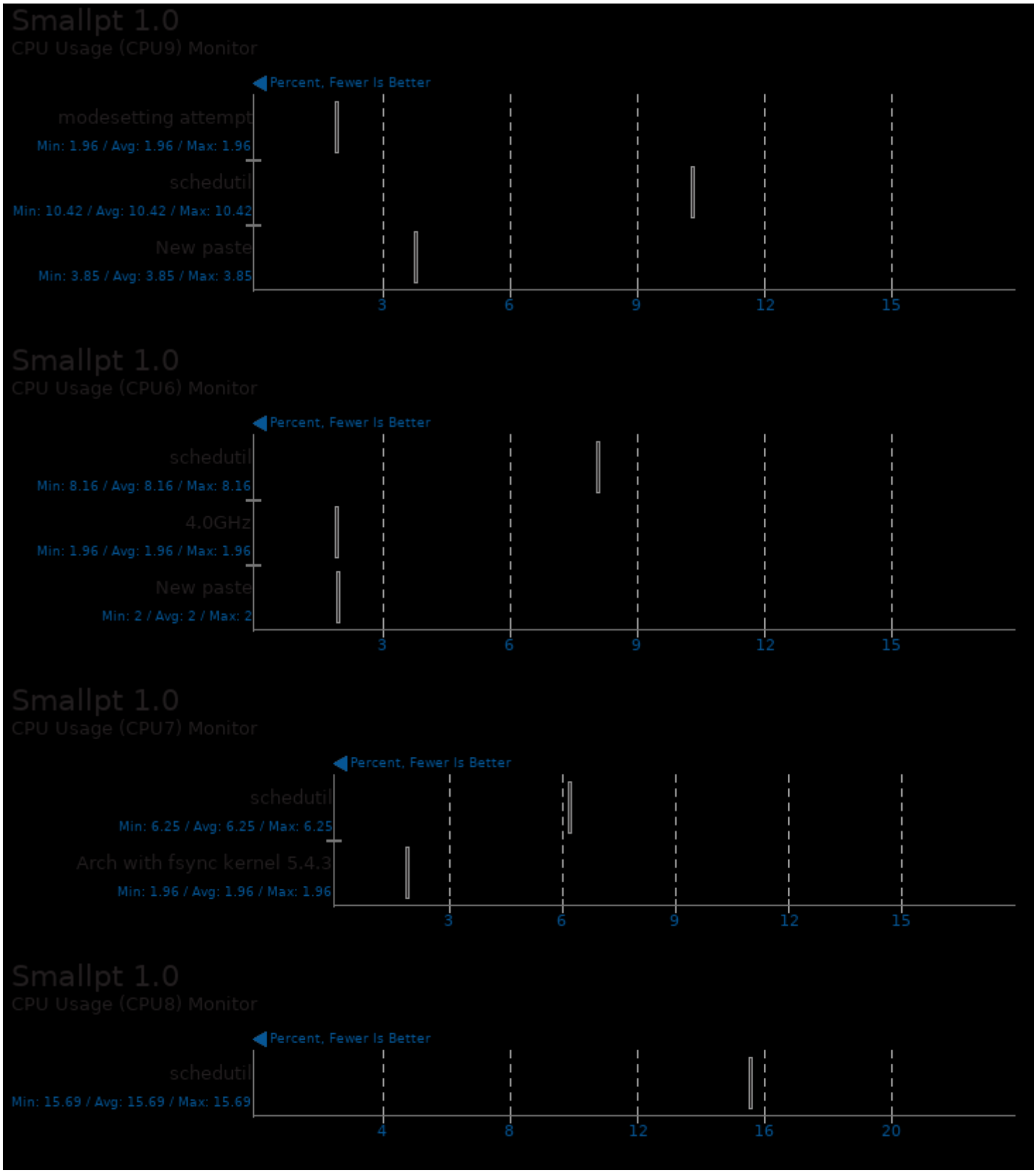
smallpt1


Smallpt 1.0
CPU Usage (CPU5) Monitor
Percent, Fewer Is Better
5.5-rc
Min: 1.96 / Avg: 1.96 / Max: 1.96
schedutil
Min: 4 / Avg: 4 / Max: 4
ArchLinuxZenPBO
Min: 64 / Avg: 64 / Max: 64
New paste
Min: 10 / Avg: 10 / Max: 10
4G
Min: 57.14 / Avg: 57.14 / Max: 57.14
4075
Min: 68.63 / Avg: 68.63 / Max: 68.63
5.6-tkg-acpi-pbo
Min: 1.96 / Avg: 1.96 / Max: 1.96
13
26
39
52
65
Smallpt 1.0
CPU Usage (CPU10) Monitor
Percent, Fewer Is Better
5.5-rc
Min: 1.96 / Avg: 1.96 / Max: 1.96
schedutil
Min: 2.08 / Avg: 2.08 / Max: 2.08
New paste
Min: 56 / Avg: 56 / Max: 56
zenstates oc
Min: 100 / Avg: 100 / Max: 100
20
40
60
80
100

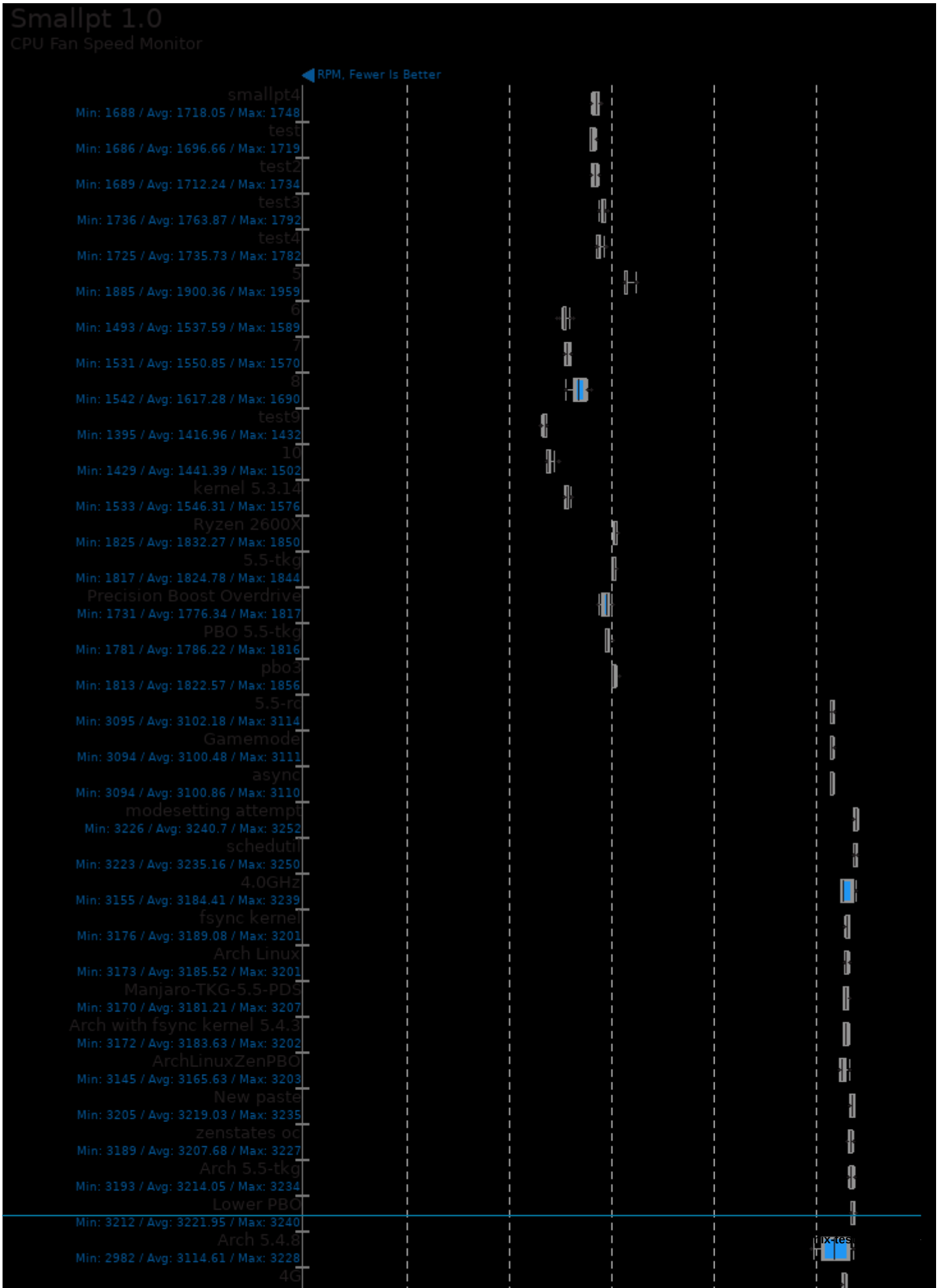
smallpt1


Smallpt 1.0
CPU Usage (CPU11) Monitor
Percent, Fewer Is Better
5.5-rc
Min: 5.66 / Avg: 5.66 / Max: 5.66
Gamemode
Min: 2 / Avg: 2 / Max: 2
schedutil
Min: 13.46 / Avg: 13.46 / Max: 13.46
Arch Linux
Min: 1.96 / Avg: 1.96 / Max: 1.96
New paste
Min: 36 / Avg: 36 / Max: 36
8
16
24
32
40
Smallpt 1.0
CPU Usage (CPU4) Monitor
Percent, Fewer Is Better
Gamemode
Min: 2 / Avg: 2 / Max: 2
schedutil
Min: 13.73 / Avg: 13.73 / Max: 13.73
Arch with fsync kernel 5.4.3
Min: 1.96 / Avg: 1.96 / Max: 1.96
New paste
Min: 1.96 / Avg: 1.96 / Max: 1.96
zenstates oc
Min: 2 / Avg: 2 / Max: 2
4G
Min: 15.69 / Avg: 15.69 / Max: 15.69
4075
Min: 8.33 / Avg: 8.33 / Max: 8.33
4
8
12
16
20

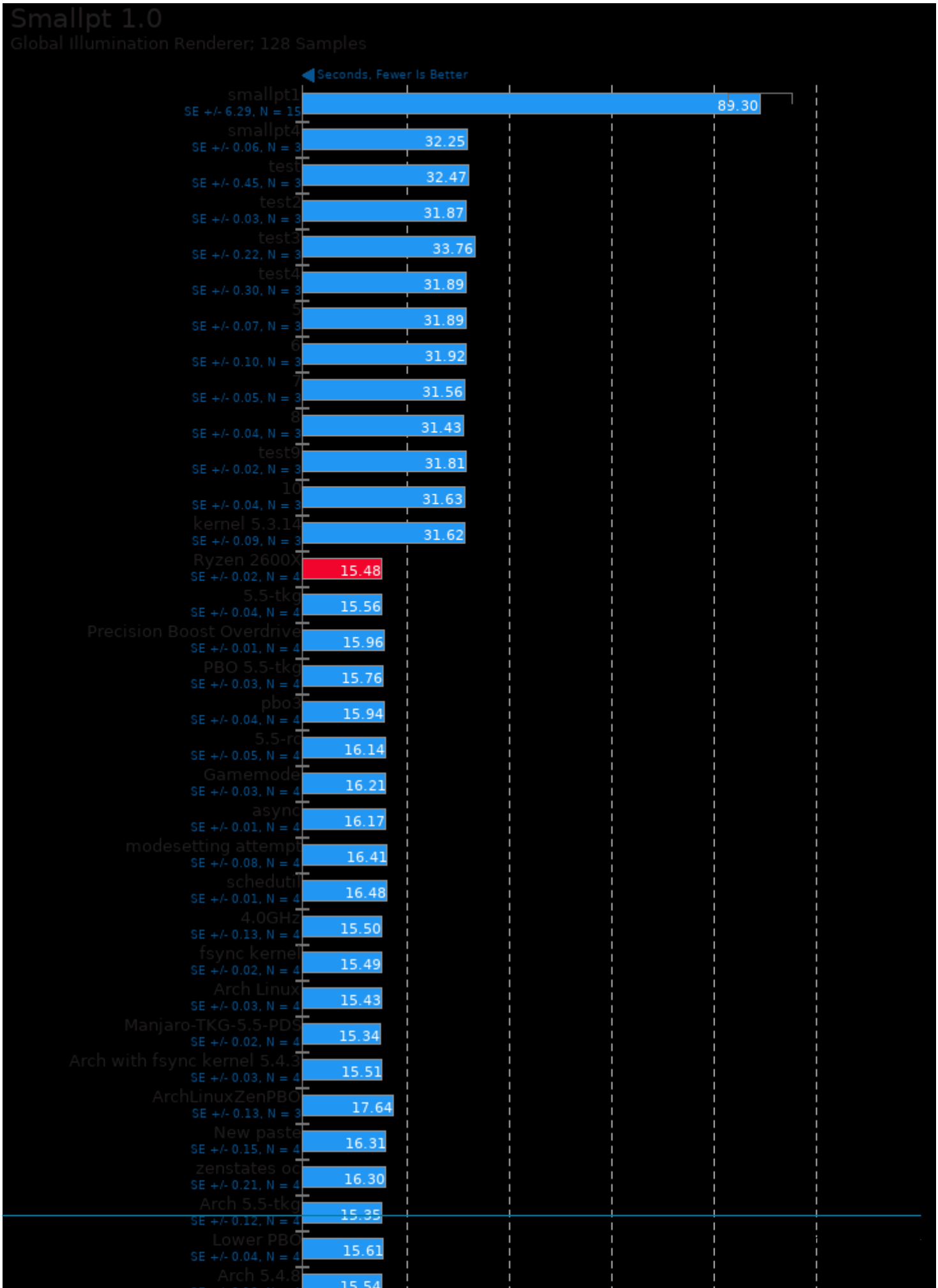
smallpt1


Smallpt 1.0
CPU Usage (CPU9) Monitor
Percent, Fewer Is Better
modesetting attempt
Min: 1.96 / Avg: 1.96 / Max: 1.96
schedutil
Min: 10.42 / Avg: 10.42 / Max: 10.42
New paste
Min: 3.85 / Avg: 3.85 / Max: 3.85
3
6
9
12
15
Smallpt 1.0
CPU Usage (CPU6) Monitor
Percent, Fewer Is Better
schedutil
Min: 8.16 / Avg: 8.16 / Max: 8.16
4.0GHz
Min: 1.96 / Avg: 1.96 / Max: 1.96
New paste
Min: 2 / Avg: 2 / Max: 2
3
6
9
12
15
Smallpt 1.0
CPU Usage (CPU7) Monitor
Percent, Fewer Is Better
schedutil
Min: 6.25 / Avg: 6.25 / Max: 6.25
Arch with fsync kernel 5.4.3
Min: 1.96 / Avg: 1.96 / Max: 1.96
3
6
9
12
15
Smallpt 1.0
CPU Usage (CPU8) Monitor
Percent, Fewer Is Better
schedutil
Min: 15.69 / Avg: 15.69 / Max: 15.69
4
8
12
16
20

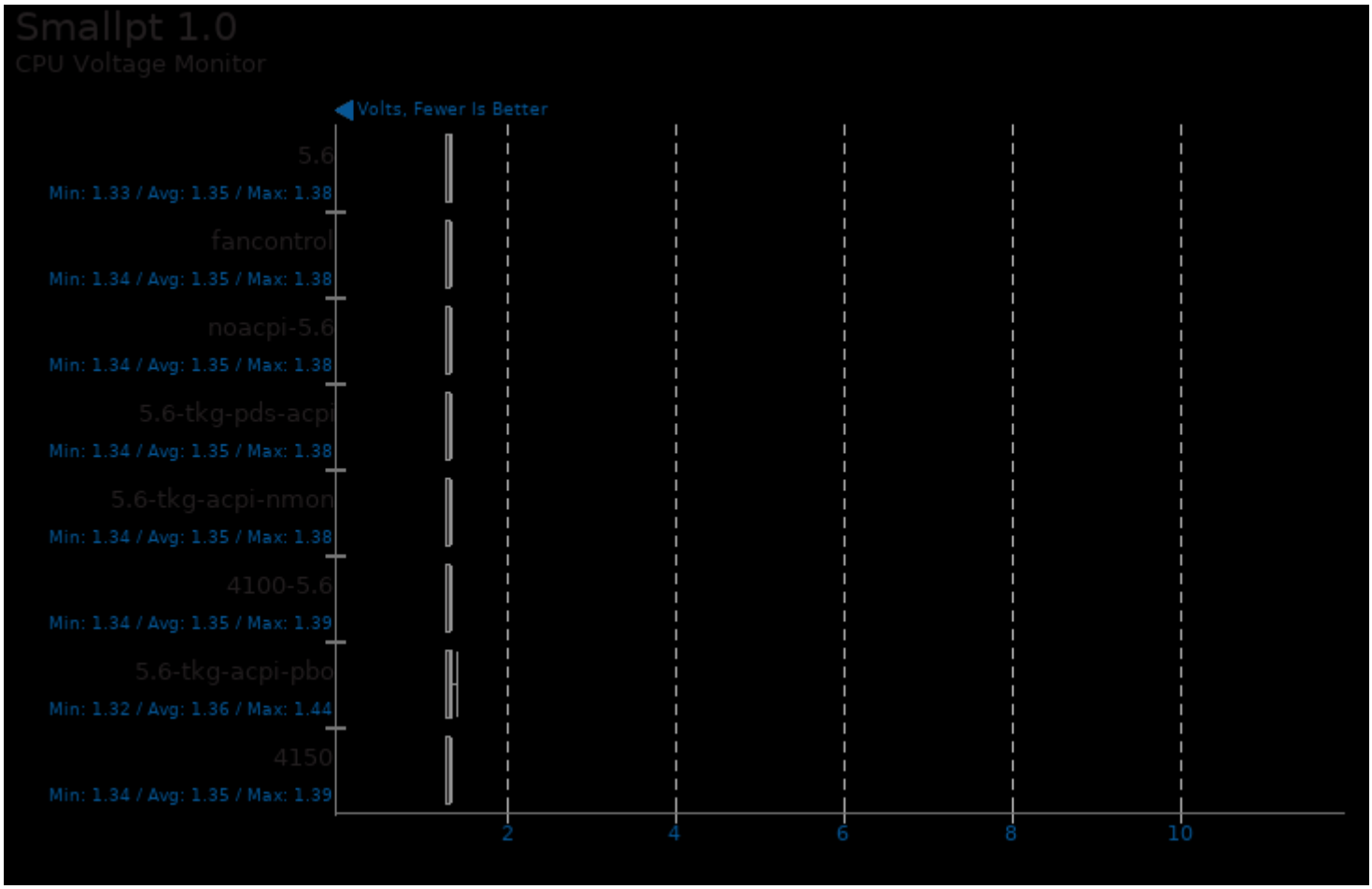
smallpt1


Smallpt 1.0
CPU Fan Speed Monitor
RPM, Fewer Is Better
smallpt4
Min: 1688 / Avg: 1718.05 / Max: 1748
test
Min: 1686 / Avg: 1696.66 / Max: 1719
test2
Min: 1689 / Avg: 1712.24 / Max: 1734
test3
Min: 1736 / Avg: 1763.87 / Max: 1792
test4
Min: 1725 / Avg: 1735.73 / Max: 1782
5
Min: 1885 / Avg: 1900.36 / Max: 1959
6
Min: 1493 / Avg: 1537.59 / Max: 1589
7
Min: 1531 / Avg: 1550.85 / Max: 1570
8
Min: 1542 / Avg: 1617.28 / Max: 1690
test9
Min: 1395 / Avg: 1416.96 / Max: 1432
10
Min: 1429 / Avg: 1441.39 / Max: 1502
kernel 5.3.14
Min: 1533 / Avg: 1546.31 / Max: 1576
Ryzen 2600X
Min: 1825 / Avg: 1832.27 / Max: 1850
5.5-tkg
Min: 1817 / Avg: 1824.78 / Max: 1844
Precision Boost Overdrive
Min: 1731 / Avg: 1776.34 / Max: 1817
PBO 5.5-tkg
Min: 1781 / Avg: 1786.22 / Max: 1816
pbo3
Min: 1813 / Avg: 1822.57 / Max: 1856
5.5-rc
Min: 3095 / Avg: 3102.18 / Max: 3114
Gamemode
Min: 3094 / Avg: 3100.48 / Max: 3111
async
Min: 3094 / Avg: 3100.86 / Max: 3110
modesetting attempt
Min: 3226 / Avg: 3240.7 / Max: 3252
schedutil
Min: 3223 / Avg: 3235.16 / Max: 3250
4.0GHz
Min: 3155 / Avg: 3184.41 / Max: 3239
fsync kernel
Min: 3176 / Avg: 3189.08 / Max: 3201
Arch Linux
Min: 3173 / Avg: 3185.52 / Max: 3201
Manjaro-TKG-5.5-PDS
Min: 3170 / Avg: 3181.21 / Max: 3207
Arch with fsync kernel 5.4.3
Min: 3172 / Avg: 3183.63 / Max: 3202
ArchLinuxZenPBO
Min: 3145 / Avg: 3165.63 / Max: 3203
New paste
Min: 3205 / Avg: 3219.03 / Max: 3235
zenstates oc
Min: 3189 / Avg: 3207.68 / Max: 3227
Arch 5.5-tkg
Min: 3193 / Avg: 3214.05 / Max: 3234
Lower PBO
Min: 3212 / Avg: 3221.95 / Max: 3240
Arch 5.4.8
Min: 2982 / Avg: 3114.61 / Max: 3228
4G

smallpt1


Smallpt 1.0
Global Illumination Renderer; 128 Samples
Seconds, Fewer Is Better
smallpt1
SE +/- 6.29, N = 15
89.30
smallpt4
SE +/- 0.06, N = 3
32.25
test
SE +/- 0.45, N = 3
32.47
test2
SE +/- 0.03, N = 3
31.87
test3
SE +/- 0.22, N = 3
33.76
test4
SE +/- 0.30, N = 3
31.89
5
SE +/- 0.07, N = 3
31.89
6
SE +/- 0.10, N = 3
31.92
7
SE +/- 0.05, N = 3
31.56
8
SE +/- 0.04, N = 3
31.43
test9
SE +/- 0.02, N = 3
31.81
10
SE +/- 0.04, N = 3
31.63
kernel 5.3.14
SE +/- 0.09, N = 3
31.62
Ryzen 2600X
SE +/- 0.02, N = 4
15.48
5.5-tkg
SE +/- 0.04, N = 4
15.56
Precision Boost Overdrive
SE +/- 0.01, N = 4
15.96
PBO 5.5-tkg
SE +/- 0.03, N = 4
15.76
pbo3
SE +/- 0.04, N = 4
15.94
5.5-rc
SE +/- 0.05, N = 4
16.14
Gamemode
SE +/- 0.03, N = 4
16.21
async
SE +/- 0.01, N = 4
16.17
modesetting attempt
SE +/- 0.08, N = 4
16.41
schedutil
SE +/- 0.01, N = 4
16.48
4.0GHz
SE +/- 0.13, N = 4
15.50
fsync kernel
SE +/- 0.02, N = 4
15.49
Arch Linux
SE +/- 0.03, N = 4
15.43
Manjaro-TKG-5.5-PDS
SE +/- 0.02, N = 4
15.34
Arch with fsync kernel 5.4.3
SE +/- 0.03, N = 4
15.51
ArchLinuxZenPBO
SE +/- 0.13, N = 3
17.64
New paste
SE +/- 0.15, N = 4
16.31
zenstates oc
SE +/- 0.21, N = 4
16.30
Arch 5.5-tkg
SE +/- 0.12, N = 4
15.35
Lower PBO
SE +/- 0.04, N = 4
15.61
Arch 5.4.8
15.54

smallpt1



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 02:11.