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Comparison between Clevo W150ER, XMG 703, XPS 9370 and Desktop

Comparison between Clevo W150ER, XMG 703, XPS 9370 and Desktop

Test Systems:

i5-3210M

Processor: Intel Core i5-3210M @ 3.10GHz (2 Cores / 4 Threads), Motherboard: CLEVO W150ER (1.02.16PM v3 BIOS), Chipset: Intel 3rd Gen Core DRAM, Memory: 8192MB, Disk: 750GB Western Digital WD7500BPKT-0, Graphics: Intel Ivybridge Mobile 1536MB (1100MHz), Audio: VIA VT1802, Network: Realtek RTL8111/8168/8411 + Intel Centrino Advanced-N 6235

OS: neon 16.04, Kernel: 4.15.0-29-generic (x86_64), Desktop: KDE Plasma 5.13.3, Display Server: X Server 1.19.6, Display Driver: modesetting 1.19.6, OpenGL: 4.2 Mesa 18.0.5, Compiler: GCC 5.4.0 20160609, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,ada,c++,java,go,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared

--enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Processor Notes: Scaling Governor: intel_pstate powersave
Security Notes: KPTI + __user pointer sanitization + Full generic retpoline IBPB IBRS_FW Protection

i7-4770HQ Haswell

Processor: Intel Core i7-4700HQ @ 3.40GHz (4 Cores / 8 Threads), Motherboard: XMG C703 (E1771IXM.10D BIOS), Chipset: Intel Xeon E3-1200 v3/4th, Memory: 16384MB, Disk: 500GB Samsung SSD 840, Graphics: Intel Haswell Mobile (1200MHz), Audio: Realtek ALC892, Network: Qualcomm Atheros Killer E220x Gigabit + Intel Wireless 7260

OS: Arch rolling, Kernel: 4.16.13-2-ARCH (x86_64), Desktop: KDE Plasma 5.13.3, Display Server: X Server 1.20.0, Display Driver: intel 2.99.917, OpenGL: 4.5 Mesa 18.1.4, Compiler: GCC 8.1.1 20180531, File-System: xfs, Screen Resolution: 1920x1080

Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --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-libmpx --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: KPTI + __user pointer sanitization + Full generic retpoline IBPB IBRS_FW Protection

BIOS 1.4.0 AC

Processor: Intel Core i7-8550U @ 4.00GHz (4 Cores / 8 Threads), Motherboard: Dell 0W970W (1.4.0 BIOS), Chipset: Intel Xeon E3-1200 v6/7th, Memory: 16384MB, Disk: KXG50ZNV512G NVMe TOSHIBA 512GB, Graphics: Intel UHD 620 3072MB (1150MHz), Audio: Realtek ALC3271, Network: Qualcomm Atheros QCA6174 802.11ac Wireless

OS: Ubuntu 18.04, Kernel: 4.15.0-29-generic (x86_64), Desktop: KDE Plasma 5.12.6, Display Server: X Server 1.19.6, Display Driver: modesetting 1.19.6, OpenGL: 4.5 Mesa 18.0.5, Compiler: GCC 7.3.0, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-as=/usr/bin/x86_64-linux-gnu-as --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-ld=/usr/bin/x86_64-linux-gnu-ld --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: intel_pstate powersave
Security Notes: KPTI + __user pointer sanitization + Full generic retpoline IBPB IBRS_FW + SSB disabled via prctl and seccomp Protection

i760

Processor: Intel Core i5 760 @ 2.79GHz (4 Cores), Motherboard: Gigabyte P55-USB3 (F10g BIOS), Chipset: Intel Core DMI, Memory: 8192MB, Disk: 120GB Corsair Force 3 + 2000GB Seagate ST2000DM001-1CH1 + 4001GB Western Digital WD40EFRX-68W, Graphics: Sapphire AMD Radeon HD 5770 1024MB, Audio: C-Media CMI8788, Monitor: SyncMaster, Network: Realtek RTL8111/8168/8411

OS: Antergos, Kernel: 4.17.8-1-ARCH (x86_64), Desktop: KDE Plasma 5.13.3, Display Server: X Server 1.20.0, Display Driver: modesetting 1.20.0, OpenGL: 3.3 Mesa 18.1.4 (LLVM 6.0.1), Compiler: GCC 8.1.1 20180531, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --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-libmpx --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: KPTI + __user pointer sanitization + Full generic retpoline Protection

KDE-Slimbook ootb

Processor: Intel Core i7-6600U @ 3.40GHz (4 Cores), Motherboard: SLIMBOOK KATANA, Chipset: Intel Sky Lake, Memory: 8192MB, Disk: 120GB KINGSTON SMS200S, Graphics: Intel HD 520 (Skylake GT2) 3072MB (1050MHz), Audio: Realtek ALC269VB, Network: Realtek RTL8101/2/6E + Intel Wireless 7265

OS: neon 16.04, Kernel: 4.8.0-46-generic (x86_64), Desktop: KDE Frameworks 5, Display Server: X Server 1.18.4, Display Driver: modesetting 1.18.4, OpenGL: 4.3 Mesa 12.0.6, Compiler: GCC 5.4.0 20160609, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,ada,c++,java,go,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: NOOP / data=ordered,errors=remount-ro,inode_readahead_blks=64,noatime,nobarrier,nodelalloc,rw
Processor Notes: Scaling Governor: intel_pstate powersave
System Notes: Python 2.7.12.

Atom C3950

Processor: Intel Atom C3950 @ 1.70GHz (16 Cores), Motherboard: American Megatrends V1.00, Chipset: Intel Device 1980, Memory: 2 x 4096 MB DDR4-2400MT/s 9ASF51272AZ-2G3B1, Disk: 240GB OCZ ARC100, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 17.10, Kernel: 4.15.0-999-generic (x86_64) 20180128, Compiler: GCC 7.2.0, File-System: ext4

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
Python Notes: Python 2.7.14 + Python 3.6.3
Security Notes: KPTI + Minimal generic ASM retpoline Protection

Xeon E3-1235L v5

Processor: Intel Xeon E3-1235L v5 @ 3.00GHz (4 Cores), Motherboard: ASRockRack C236M WS (P2.60 BIOS), Chipset: Intel Skylake, Memory: 8192MB, Disk: 120GB OCZ TRION150 + 525GB SABRENT, Graphics: Intel HD 530 3072MB (1000MHz), Audio: Realtek ALC1150, Monitor: DELL S2409W, Network: Intel Connection

OS: Ubuntu 17.10, Kernel: 4.15.0-999-generic (x86_64) 20180128, Desktop: GNOME Shell 3.26.2, Display Server: Wayland, OpenGL: 4.5 Mesa 17.2.4, Compiler: GCC 7.2.0, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: intel_pstate powersave
Python Notes: Python 2.7.14 + Python 3.6.3
Security Notes: KPTI + Minimal generic ASM retpoline Protection

Xeon E3-1245 v5

Processor: Intel Xeon E3-1245 v5 @ 3.90GHz (4 Cores / 8 Threads), Motherboard: MSI C236A WORKSTATION (MS-7998) v1.0 (2.90 BIOS), Chipset: Intel Skylake, Memory: 31744MB, Disk: 120GB Samsung SSD 850 + 525GB SABRENT, Graphics: Intel HD P530 3072MB (1150MHz), Audio: Realtek ALC1150, Monitor: Acer B286HK, Network: Intel Connection

OS: Ubuntu 17.10, Kernel: 4.15.0-999-generic (x86_64) 20180128, Desktop: GNOME Shell 3.26.2, Display Server: Wayland, OpenGL: 4.5 Mesa 17.2.4, Compiler: GCC 7.2.0, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: intel_pstate powersave
Python Notes: Python 2.7.14 + Python 3.6.3
Security Notes: KPTI + Minimal generic ASM retpoline Protection

Xeon E3-1280 v5

Processor: Intel Xeon E3-1280 v5 @ 4.00GHz (4 Cores / 8 Threads), Motherboard: MSI C236A WORKSTATION (MS-7998) v1.0 (2.50 BIOS), Chipset: Intel Skylake, Memory: 16384MB, Disk: 525GB SABRENT + 256GB TOSHIBA-RD400, Graphics: Sapphire AMD Radeon 4096MB, Audio: Realtek ALC1150, Monitor: ASUS PB278, Network: Intel Connection

OS: Ubuntu 17.10, Kernel: 4.15.0-999-generic (x86_64) 20180128, Desktop: GNOME Shell 3.26.2, Display Server: Wayland, OpenGL: 4.5 Mesa 17.2.4 (LLVM 5.0.0), Compiler: GCC 7.2.0, File-System: ext4, Screen Resolution: 2560x1440

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: intel_pstate powersave
Python Notes: Python 2.7.14 + Python 3.6.3
Security Notes: KPTI + Minimal generic ASM retpoline Protection

Xeon Silver 4108

Processor: Intel Xeon Silver 4108 @ 3.00GHz (8 Cores / 16 Threads), Motherboard: TYAN S7100AG2NR (V3.00 BIOS), Chipset: Intel Device 2020, Memory: 23552MB, Disk: 525GB SABRENT + 240GB Force MP500, Graphics: ASPEED ASPEED Family, Audio: Realtek ALC892, Monitor: VE228, Network: Intel I350 Gigabit Connection

OS: Ubuntu 17.10, Kernel: 4.15.0-999-generic (x86_64) 20180128, Desktop: GNOME Shell 3.26.2, Compiler: GCC 7.2.0, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: intel_pstate powersave
Python Notes: Python 2.7.14 + Python 3.6.3
Security Notes: KPTI + Minimal generic ASM retpoline Protection

Ryzen 1700

Processor: AMD Ryzen 7 1700 Eight-Core @ 3.00GHz (16 Cores), Motherboard: ASUS PRIME X370-PRO, Chipset: AMD Device 1450, Memory: 32768MB, Disk: 500GB Samsung SSD 850 + 4 x 500GB Seagate ST500LM021-1KJ15 + Samsung SSD 960 EVO 500GB, Graphics: AMD VEGA10 8192MB, Audio: AMD Device aaf8, Monitor: PHL BDM3270, Network: Intel I211 Gigabit Connection

OS: neon 16.04, Kernel: 4.15.0-041500-generic (x86_64), Desktop: KDE Frameworks 5, Display Server: X Server 1.18.4, Display Driver: modesetting 1.18.4, OpenGL: 4.5 Mesa 17.3.2- padoka PPA (LLVM 5.0.1), OpenCL: OpenCL 1.1

Mesa 17.3.2- padoka PPA, Compiler: GCC 5.4.0 20160609 + Clang 3.8.0-2ubuntu4, File-System: ext4, Screen Resolution: 2560x1440

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

OVERCLOCK TEST

Processor: Intel Pentium G3258 @ 4.20GHz (2 Cores), Motherboard: MSI H81I (MS-7851) v2.0, Chipset: Intel 4th Gen Core DRAM, Memory: 7168MB, Disk: 160GB Seagate ST3160812AS + 240GB KINGSTON SV300S3, Graphics: Sapphire AMD Radeon HD 7950/8950 OEM / R9 280 3072MB, Audio: Intel Xeon E3-1200 v3/4th, Monitor: EQ2488F + SyncMaster, Network: Realtek RTL8111/8168/8411

OS: neon 16.04, Kernel: 4.4.0-38-generic (x86_64), Desktop: KDE Frameworks 5, Display Server: X Server 1.18.4, Display Driver: modesetting 1.18.4, OpenGL: 4.1 Mesa 11.2.0 Gallium 0.4, Compiler: GCC 5.4.0 20160609, File-System: ext4, Screen Resolution: 4344x1600

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

mm

Processor: Intel Core i5-2410M @ 2.90GHz (4 Cores), Motherboard: Acer JV51_HR, Chipset: Intel 2nd Generation Core Family DRAM, Memory: 2048MB, Disk: 750GB Western Digital WD7500BPVT-2, Graphics: Intel 2nd Generation Core Family IGP, Audio: Realtek ALC269VB, Network: Broadcom NetLink BCM57785 Gigabit PCIe + Broadcom BCM43227 802.11b/g/n

OS: neon 16.04, Kernel: 4.8.0-58-generic (x86_64), Desktop: KDE Frameworks 5, Display Server: X Server 1.18.4, Display Driver: modesetting 1.18.4, OpenGL: 3.3 Mesa 12.0.6, Compiler: GCC 5.4.0 20160609, File-System: ext4, Screen Resolution: 1366x768

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

AMD Ryzen 7 2700 Eight-Core

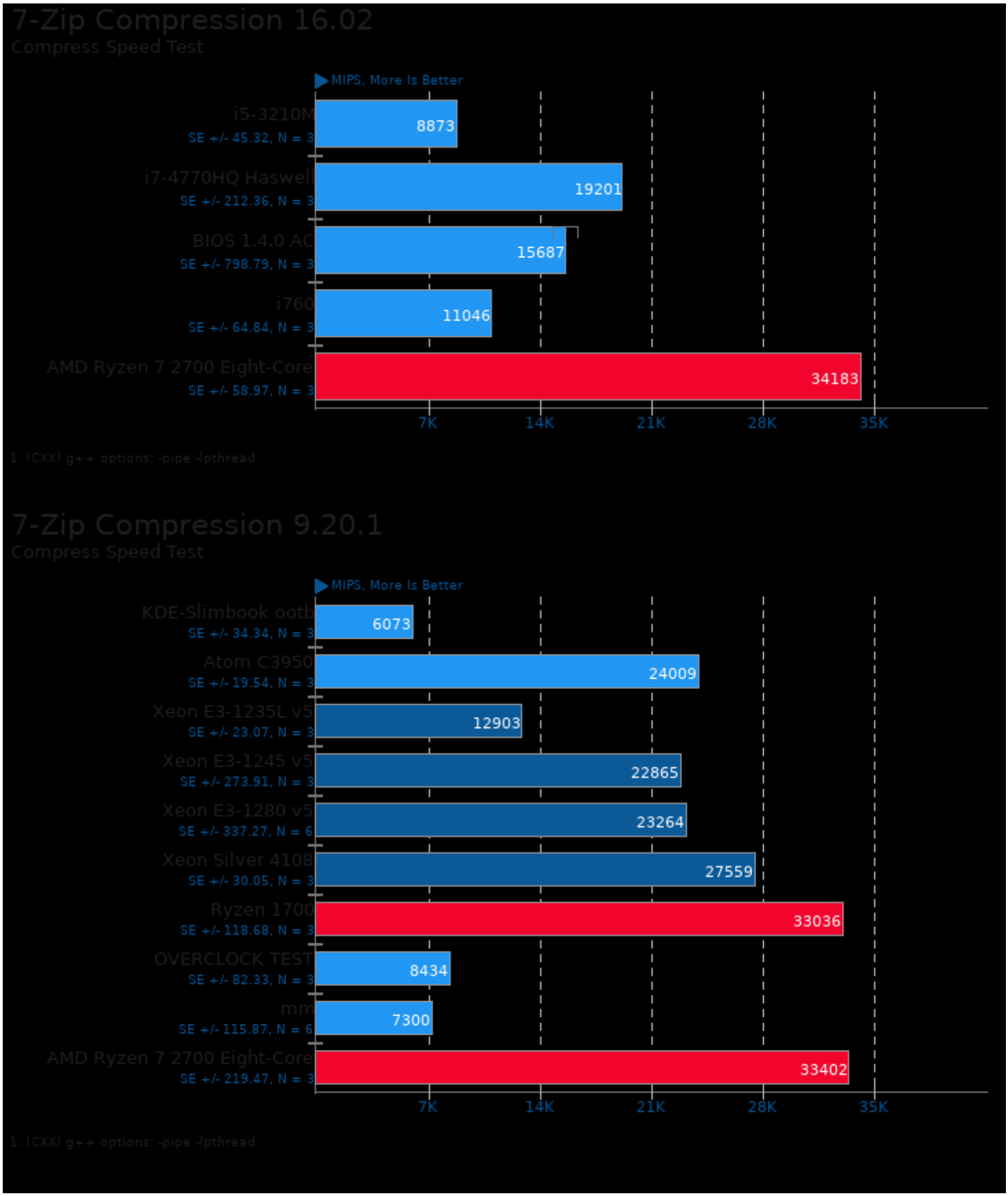
Processor: AMD Ryzen 7 2700 Eight-Core @ 3.20GHz (8 Cores / 16 Threads), Motherboard: Gigabyte B450 AORUS M (F1 BIOS), Chipset: AMD Family 17h, Memory: 32768MB, Disk: 160GB Seagate ST3160811AS + 160GB Western Digital WD1600AAJS-0 + 120GB KINGSTON SHFS37A, Graphics: Sapphire AMD Radeon HD 7470/8470 / R5 235/310 OEM 1024MB, Audio: AMD Caicos HDMI Audio, Monitor: PHL 240B7QPT, Network: Realtek RTL8111/8168/8411

OS: neon 18.04, Kernel: 4.15.0-33-generic (x86_64), Desktop: KDE Plasma 5.13.4, Display Server: X Server 1.19.6, Display Driver: modesetting 1.19.6, OpenGL: 3.3 Mesa 18.0.5 (LLVM 6.0.0), Compiler: GCC 7.3.0, File-System: ext4, Screen Resolution: 1920x1200

Comparison between Clevo W150ER, XMG 703, XPS 9370 and Desktop

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-as=/usr/bin/x86_64-linux-gnu-as --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-ld=/usr/bin/x86_64-linux-gnu-ld --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
Security Notes: __user pointer sanitization + Full AMD retpoline IBPB + SSB disabled via prctl and seccomp Protection

	i5-3210M	i7-4770HQ Haswell	BIOS 1.4.0 AC	i760	KDE-Slimbook ootb	Atom C3950	Xeon E3-1235L v5	Xeon E3-1245 v5	Xeon E3-1280 v5	Xeon Silver 4108	Ryzen 1700	OVERCLOCK TEST	mm	AMD Ryzen 7 2700 Eight-Core
7-Zip Compression - C.S.T (MIPS)	8873	19201	15687	11046										34183
Normalized	25.96%	56.17%	45.89%	32.31%										100%
Standard	0.9%	1.9%	8.8%	1%										0.3%
7-Zip Compression - C.S.T (MIPS)					6073	24009	12903	22865	23264	27559	33036	8434	7300	33402
Normalized					18.18%	71.88%	38.63%	68.45%	69.65%	82.51%	98.9%	25.25%	21.85%	100%
Standard					1%	0.1%	0.3%	2.1%	3.6%	0.2%	0.6%	1.7%	3.9%	1.1%
Deviation														



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 10:42.