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fx8350

Uma comparacao apenas.

Test Systems:

ECDREAM-A9

Intel Celeron N3350

Processor: Intel Celeron N3350 @ 2.40GHz (2 Cores), Motherboard: AMI Aptio CRB, Chipset: Intel Celeron N3350/Pentium, Memory: 1 x 2048 MB DDR3-1600MHz, Disk: 32GB SP32G + 31GB NCard, Graphics: Intel HD 500 (Broxton 2x6) 1920MB (650MHz), Audio: Intel Celeron N3350/Pentium, Monitor: BenQ RL2755, Network: Intel Wireless 3165

OS: Ubuntu 17.04, Kernel: 4.10.0-19-linuxium (x86_64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.3, Display Driver: modesetting 1.19.3, OpenGL: 4.5 Mesa 17.0.7, Compiler: GCC 6.3.0 20170406, 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-default-pie --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=auto --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-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic -v
Processor Notes: Scaling Governor: intel_pstate performance

8215-D1U_Ubuntu17.04

MemorySuite

Processor: Intel Pentium 4 3.00GHz @ 2.99GHz (2 Cores), Motherboard: IBM, Chipset: Intel 82945G/GZ/P/PL + ICH7, Memory: 1024 MB + 2048 MB DDR-533MHz, Disk: 250GB Western Digital WD2500JS-08N + 500GB Seagate ST3500320AS, Graphics: Intel 82945G/GZ IGP, Audio: Analog Devices AD1981, Network: Intel 82573E Gigabit

OS: Ubuntu 17.04, Kernel: 4.10.0-35-generic (x86_64), Desktop: Xfce 4.12, Display Server: X Server 1.19.3, Display Driver: intel 2.99.917, OpenGL: 1.4 Mesa 17.0.7, Compiler: GCC 6.3.0 20170406, File-System: ext4, Screen Resolution: 1680x1050

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --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=auto --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-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic -v

Chenbro RM217 (CentOS 7.3) [Long]

Chenbro RM217 (CentOS 7.3) RAID1 [Long]

Processor: 2 x Intel Xeon L5420 @ 2.50GHz (8 Cores), Motherboard: Supermicro X7DB8, Chipset: Intel 5000P MCH, Memory: 8 x 4096 MB DDR2-667MHz, Disk: 2 x 500GB Western Digital WD5002ABYS-0, Graphics: AMD ES1000 128MB, Monitor: DELL E173FP, Network: Intel 80003ES2LAN Gigabit

OS: CentOS Linux 7, Kernel: 3.10.0-514.el7.x86_64 (x86_64), Compiler: GCC 4.8.5 20150623, File-System: xfs, Screen Resolution: 1280x1024

Disk Notes: CFQ / attr2,inode64,noquota,relatime,rw,seclabel
System Notes: SELinux: Enabled.

Chenbro RM217 (Ubuntu 14.04) [Fast]

Chenbro RM217 (Ubuntu 14.04) [Light]

Processor: Intel Xeon L5420 @ 2.50GHz (4 Cores), Motherboard: Supermicro X7DB8, Memory: 32768MB, Disk: 2 x 500GB Western Digital WD5002ABYS-0, Graphics: radeondrmfb, Monitor: DELL E173FP

OS: Ubuntu 14.04, Kernel: 3.13.0-123-generic (x86_64), Compiler: GCC 4.8.4, File-System: ext4, Screen Resolution: 1280x1024

Environment Notes: _PMT_DEBUG_LEVEL=0
Disk Notes: DEADLINE / data=ordered,nosuid,relatime,rw

Chenbro RM217 (Ubuntu 14.04) [Long]

Processor: 2 x Intel Xeon L5420 @ 2.50GHz (8 Cores), Motherboard: Supermicro X7DB8, Memory: 32768MB, Disk: 2 x 500GB Western Digital WD5002ABYS-0, Graphics: radeondrmfb

OS: Ubuntu 14.04, Kernel: 3.13.0-123-generic (x86_64), Compiler: GCC 4.8.4, File-System: ext4, Screen Resolution: 1024x768

Environment Notes: _PMT_DEBUG_LEVEL=0
Disk Notes: DEADLINE / data=ordered,nosuid,relatime,rw

Chenbro RM217 (Ubuntu 14.04) [Standard]

Chenbro RM217 (Ubuntu 14.04) [Superfast]

Processor: Intel Xeon L5420 @ 2.50GHz (4 Cores), Motherboard: Supermicro X7DB8, Memory: 32768MB, Disk: 2 x 500GB Western Digital WD5002ABYS-0, Graphics: radeondrmfb, Monitor: DELL E173FP

OS: Ubuntu 14.04, Kernel: 3.13.0-123-generic (x86_64), Compiler: GCC 4.8.4, File-System: ext4, Screen Resolution: 1280x1024

Environment Notes: _PMT_DEBUG_LEVEL=0
Disk Notes: DEADLINE / data=ordered,nosuid,relatime,rw

Chenbro RM217 (Ubuntu 14.04) RAID1 [Fast]

Chenbro RM217 (Ubuntu 14.04) RAID1 [Light]

Chenbro RM217 (Ubuntu 14.04) RAID1 [Long]

Processor: Intel Xeon L5420 @ 2.50GHz (4 Cores), Motherboard: Supermicro X7DB8, Memory: 32768MB, Disk: 2 x 500GB Western Digital WD5002ABYS-0, Graphics: radeondrmfb, Monitor: DELL E173FP

OS: Ubuntu 14.04, Kernel: 3.13.0-125-generic (x86_64), Compiler: GCC 4.8.4, File-System: ext4, Screen Resolution: 1280x1024

Environment Notes: _PMT_DEBUG_LEVEL=0
Disk Notes: DEADLINE / data=ordered,nosuid,relatime,rw

Chenbro RM217 (Ubuntu 14.04) RAID1 [Standard]

Chenbro RM217 (Ubuntu 14.04) RAID1 [Superfast]

Processor: Intel Xeon L5420 @ 2.50GHz (4 Cores), Motherboard: Supermicro X7DB8, Memory: 32768MB, Disk: 2 x 500GB Western Digital WD5002ABYS-0, Graphics: radeondrmfb

OS: Ubuntu 14.04, Kernel: 3.13.0-125-generic (x86_64), Compiler: GCC 4.8.4, File-System: ext4, Screen Resolution: 1024x768

Environment Notes: _PMT_DEBUG_LEVEL=0
Disk Notes: DEADLINE / data=ordered,nosuid,relatime,rw

Chenbro RM217 (Ubuntu 17.04) [Long]

Processor: 2 x Intel Xeon L5420 @ 2.50GHz (8 Cores), Motherboard: Supermicro X7DB8, Chipset: Intel 5000P MCH, Memory: 8 x 4096 MB DDR2-667MHz, Disk: 2 x 500GB Western Digital WD5002ABYS-0, Graphics: AMD ES1000 128MB, Monitor: DELL E173FP, Network: Intel 80003ES2LAN Gigabit

OS: Ubuntu 17.04, Kernel: 4.10.0-26-generic (x86_64), Display Driver: modesetting 1.19.3, Compiler: GCC 6.3.0 20170406, File-System: ext4, Screen Resolution: 1280x1024

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --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=auto --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-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic -v
Disk Notes: CFQ / data=ordered,errors=remount-ro,relatime,rw

Samsung RV515 (CentOS 7.3) [Long]

Processor: AMD E-350 @ 1.60GHz (2 Cores), Motherboard: SAMSUNG RV415/RV415, Chipset: AMD Family 14h Root Complex, Memory: 4096 MB + 2048 MB DDR3-1066MHz, Disk: 320GB Seagate ST9320423AS, Graphics: AMD Radeon HD 6400M/7400M 512MB (10000/150MHz), Audio: Realtek ALC269VB, Network: Realtek RTL8111/8168/8411 + Qualcomm Atheros AR9285 Wireless

OS: CentOS Linux 7, Kernel: 3.10.0-514.el7.x86_64 (x86_64), Compiler: GCC 4.8.5 20150623, File-System: xfs, Screen Resolution: 1366x768

Disk Notes: CFQ / attr2,inode64,noquota,relatime,rw,seclabel
Processor Notes: Scaling Governor: acpi-cpufreq conservative
System Notes: SELinux: Enabled.

Samsung RV515 (Ubuntu 14.04) [Fast]

Samsung RV515 (Ubuntu 14.04) [Light]

Samsung RV515 (Ubuntu 14.04) [Long]

Samsung RV515 (Ubuntu 14.04) [Standard]

Samsung RV515 (Ubuntu 14.04) [Superfast]

Processor: AMD E-350 @ 1.60GHz (2 Cores), Motherboard: SAMSUNG RV415/RV415, Memory: 6144MB, Disk: 320GB Seagate ST9320423AS, Graphics: radeondrmfb (800/800MHz), Audio: Realtek ALC269VB

OS: Ubuntu 14.04, Kernel: 3.13.0-123-generic (x86_64), Compiler: GCC 4.8.4, File-System: ext4, Screen Resolution: 1366x768

Environment Notes: _PMT_DEBUG_LEVEL=0
Disk Notes: DEADLINE / data=ordered,nosuid,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

Samsung X22 (CentOS 7.3) [long]

Processor: Intel Core 2 Duo T7500 @ 2.20GHz (2 Cores), Motherboard: SAMSUNG SX22S, Chipset: Intel Mobile PM965/GM965/GL960 + ICH8M, Memory: 2 x 1024 MB DDR2-667MHz, Disk: 200GB Hitachi HTS54252, Graphics: AMD Mobility Radeon HD 2400 128MB (450/500MHz), Audio: Realtek ALC262, Network: Marvell 88E8055 PCI-E Gigabit + Intel PRO/Wireless

OS: CentOS Linux 7, Kernel: 3.10.0-514.el7.x86_64 (x86_64), Compiler: GCC 4.8.5 20150623, File-System: xfs, Screen Resolution: 1280x800

Disk Notes: CFQ / attr2,inode64,noquota,relatime,rw,seclabel

Processor Notes: Scaling Governor: acpi-cpufreq conservative
System Notes: SELinux: Enabled.

Samsung X22 (Ubuntu 14.04) [Fast]

Samsung X22 (Ubuntu 14.04) [Light]

Samsung X22 (Ubuntu 14.04) [Long]

Samsung X22 (Ubuntu 14.04) [Standard]

Samsung X22 (Ubuntu 14.04) [Superfast]

Processor: Intel Core 2 Duo T7500 @ 2.20GHz (2 Cores), Motherboard: SAMSUNG SX22S, Memory: 2048MB, Disk: 200GB Hitachi HTS54252, Graphics: radeondrmfb (450/500MHz), Audio: Realtek ALC262

OS: Ubuntu 14.04, Kernel: 3.13.0-125-generic (x86_64), Compiler: GCC 4.8.4, File-System: ext4, Screen Resolution: 1280x800

Environment Notes: _PMT_DEBUG_LEVEL=0
Disk Notes: DEADLINE / data=ordered,nosuid,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

AMD Ryzen 5 1500X

Processor: AMD Ryzen 5 1500X @ 3.80GHz (8 Cores), Motherboard: MSI X370 XPOWER GAMING TITANIUM (MS-7A31) v1.0, Chipset: AMD Device 1450, Memory: 16384MB, Disk: 2 x VisionTek 120GB + 2000GB Western Digital WD20PURX-64P + 512GB TOSHIBA-RD400, Graphics: NVIDIA GeForce GTX 1080 8192MB (663/5005MHz), Audio: NVIDIA GP104 HD Audio, Network: Intel I211 Gigabit Connection

OS: Ubuntu 17.04, Kernel: 4.10.9-041009-generic (x86_64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.3, Display Driver: NVIDIA 375.39, OpenGL: 4.5.0, Vulkan: 1.0.24, Compiler: GCC 6.3.0 20170406, 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-default-pie --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=auto --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-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic -v
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
OpenCL Notes: GPU Compute Cores: 2560
System Notes: GPU Compute Cores: 2560.

i5.6600_NVMe_GTX1080

Processor: Intel Core i5-6600 @ 3.90GHz (4 Cores), Motherboard: Gigabyte Z170-HD3P-CF, Chipset: Intel Skylake, Memory: 16384MB, Disk: 240GB ADATA SP550 + 3 x 3001GB Western Digital WD30EFRX-68E + 128GB ADATA SX8000NP, Graphics: MSI NVIDIA GeForce GTX 1080 8192MB (1632/5005MHz), Audio: Realtek ALC887-VD, Network: Realtek RTL8111/8168/8411

OS: Fedora 25, Kernel: 4.10.13-200.fc25.x86_64 (x86_64), Desktop: GNOME Shell 3.22.3, Display Driver: NVIDIA 381.09, OpenGL: 4.5.0, Vulkan: 1.0.42, Compiler: GCC 6.3.1 20161221 + CUDA 8.0, File-System: ext4, Screen Resolution: 3840x2160

Compiler Notes: --build=x86_64-redhat-linux --disable-libgcj --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,objc,obj-c++,fortran,ada,go,lto --enable-libmpx --enable-multilib

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

r5.1500x_AB350g3_NVMe_GTX1080

Processor: AMD Ryzen 5 1500X @ 3.50GHz (8 Cores), Motherboard: Gigabyte AB350-Gaming 3-CF, Chipset: AMD Device 1450, Memory: 16384MB, Disk: 240GB ADATA SP550 + 128GB ADATA SX8000NP, Graphics: MSI NVIDIA GeForce GTX 1080 8192MB (86/405MHz), Audio: NVIDIA GP104 HD Audio, Network: Realtek RTL8111/8168/8411

OS: Fedora 25, Kernel: 4.10.13-200.fc25.x86_64 (x86_64), Desktop: GNOME Shell 3.22.3, Display Driver: NVIDIA 381.09, OpenGL: 4.5.0, Vulkan: 1.0.42, Compiler: GCC 6.3.1 20161221 + CUDA 8.0, File-System: ext4, Screen Resolution: 3840x2160

Compiler Notes: --build=x86_64-redhat-linux --disable-libgcj --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,objc,obj-c++,fortran,ada,go,lto --enable-libmpx --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-isl --with-linker-hash-style=gnu --with-tune=generic
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

AMD Ryzen 7 1700X Eight-Core

Processor: AMD Ryzen 7 1700X Eight-Core @ 3.40GHz (16 Cores), Motherboard: MSI X370 XPOWER GAMING TITANIUM (MS-7A31) v1.0, Chipset: AMD Device 1450, Memory: 16384MB, Disk: 512GB TOSHIBA-RD400, Graphics: LLVMpipe, Audio: NVIDIA GP104 HD Audio, Monitor: PLE2483H, Network: Intel I211 Gigabit Connection

OS: Ubuntu 17.04, Kernel: 4.11.0-041100rc5-generic (x86_64) 20170403, Desktop: Unity 7.5.0, Display Server: X Server 1.18.4, Display Driver: nouveau 1.0.13, OpenGL: 3.3 Mesa 17.0.3 Gallium 0.4 (LLVM 4.0 128 bits), Compiler: GCC 6.3.0 20170406, File-System: ext4, Screen Resolution: 1920x1080

Environment Notes: LIBGL_ALWAYS_SOFTWARE=1
Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --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=auto --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-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic -v
Processor Notes: Scaling Governor: acpi-cpufreq ondemand

AMD FX-8350 Eight-Core

Processor: AMD FX-8350 Eight-Core @ 4.01GHz (8 Cores), Motherboard: ASUS M5A97 R2.0, Chipset: AMD RD9x0/RX980, Memory: 16384MB, Disk: 2000GB Western Digital WD20PURX-64P + 2 x VisionTek 120GB, Graphics: NVIDIA GeForce GTX 1080 8192MB (193/5005MHz), Audio: Realtek ALC887-VD, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 17.04, Kernel: 4.10.0-13-generic (x86_64), Desktop: Unity 7.5.0, Display Server: X Server 1.18.4, Display Driver: NVIDIA 375.39, OpenGL: 4.5.0, Vulkan: 1.0.24, Compiler: GCC 6.3.0 20170406, 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-default-pie --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=auto --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-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic -v
OpenCL Notes: GPU Compute Cores: 2560
System Notes: GPU Compute Cores: 2560.

cachecompare1

Processor: Intel Core i7-4770 @ 3.39GHz (1 Core), Motherboard: Oracle VirtualBox v1.2, Chipset: Intel 440FX-

fx8350

82441FX PMC, Memory: 4096MB, Disk: 26GB VBOX HDD, Graphics: LLVMpipe, Audio: Intel 82801AA AC 97 Audio, Monitor: VBOX monitor, Network: Intel 82540EM Gigabit

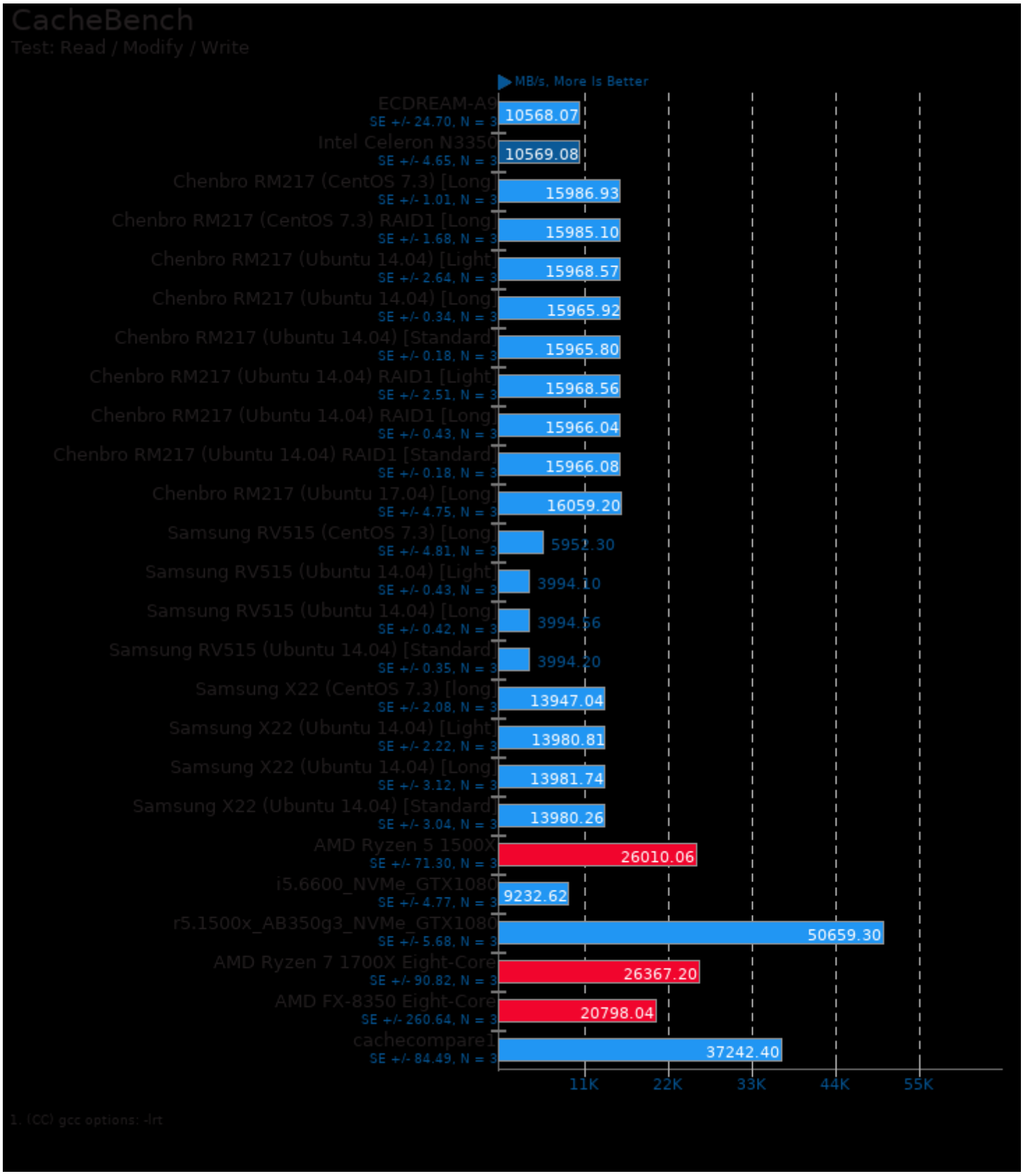
OS: Ubuntu 17.04, Kernel: 4.10.0-38-generic (x86_64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.3, Display Driver: modesetting 1.19.3, OpenGL: 3.3 Mesa 17.0.7 Gallium 0.4, Compiler: GCC 6.3.0 20170406, File-System: ext4, Screen Resolution: 1920x975, System Layer: Oracle VirtualBox

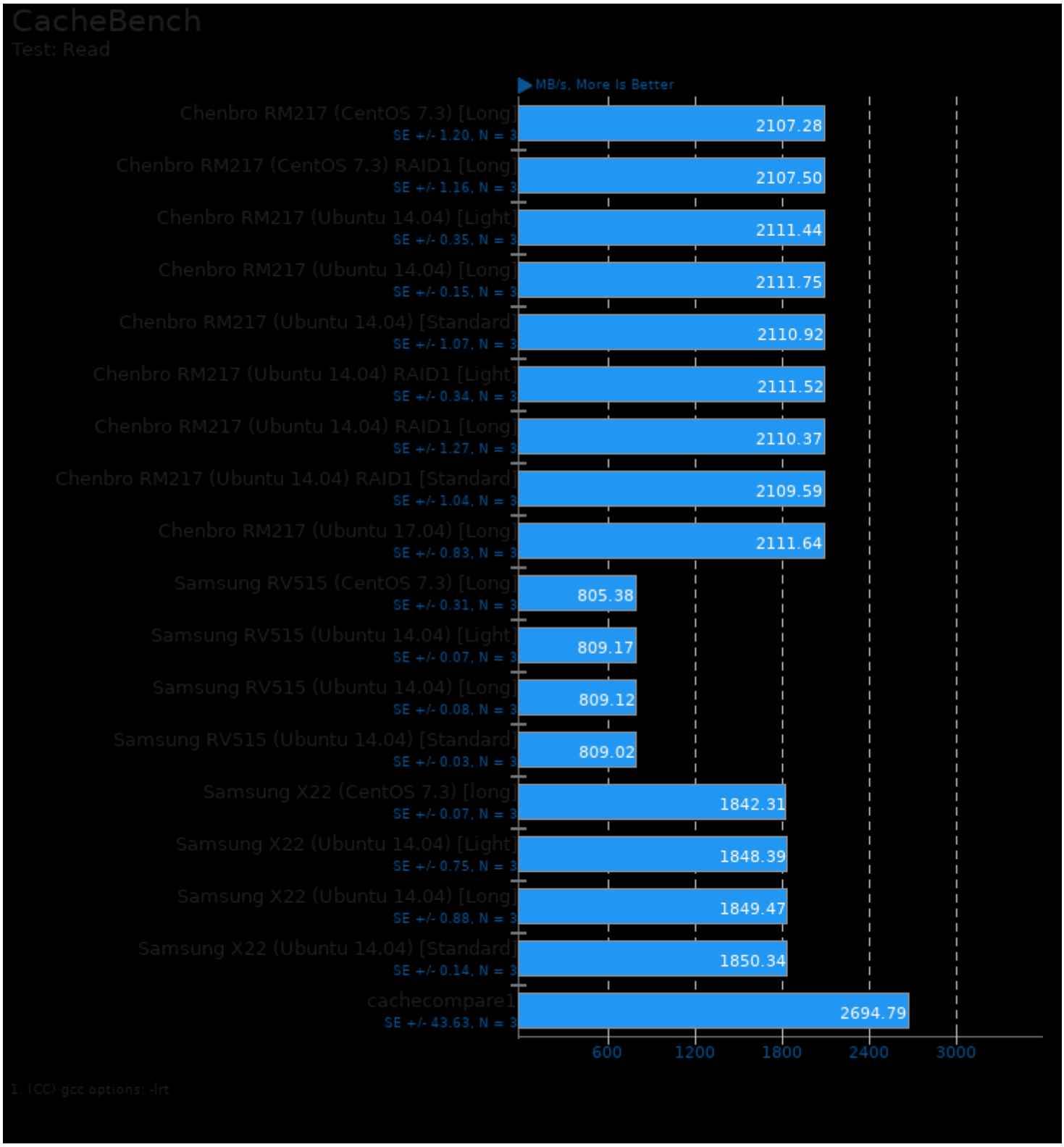
Environment Notes: LIBGL_ALWAYS_SOFTWARE=1
Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --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=auto --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-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic -v

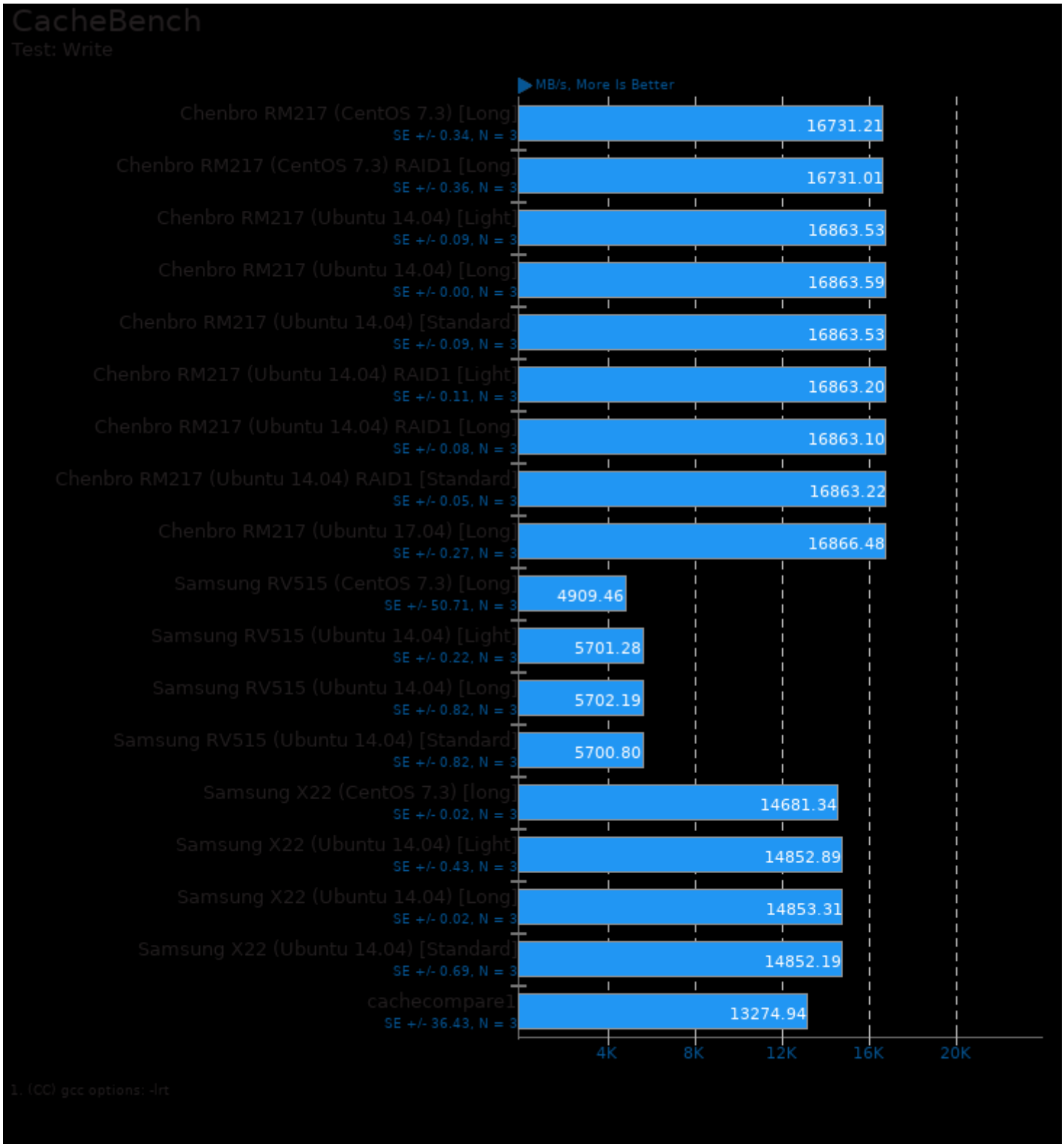
	ECDREAM-A9	Intel Core i3-3350	8215-DU_Bunt u17.04	Memory Suite	Chenbro RM217 (Cent OS 7.3) [Long]	Chenbro RM217 (Cent OS 7.3) [RAID1 [Long]]	Chenbro RM217 (Ubuntu 14.04) [Fast]	Chenbro RM217 (Ubuntu 14.04) [Light]	Chenbro RM217 (Ubuntu 14.04) [Long]	Chenbro RM217 (Ubuntu 14.04) [Standard]	Chenbro RM217 (Ubuntu 14.04) [Superfast]	Chenbro RM217 (Ubuntu 14.04) [RAID1 [Fast]]	Chenbro RM217 (Ubuntu 14.04) [RAID1 [Light]]	Chenbro RM217 (Ubuntu 14.04) [RAID1 [Long]]	Chenbro RM217 (Ubuntu 14.04) [RAID1 [Standard]]	Chenbro RM217 (Ubuntu 14.04) [RAID1 [Superfast]]	Chenbro RM217 (Ubuntu 17.04) [Long]	Samsung RV515 (Cent OS 7.3) [Long]	Samsung RV515 (Ubuntu 14.04) [Fast]	Samsung RV515 (Ubuntu 14.04) [Light]	Samsung RV515 (Ubuntu 14.04) [Long]	Samsung RV515 (Ubuntu 14.04) [Standard]	Samsung RV515 (Ubuntu 14.04) [Superfast]	Samsung RV515 (Ubuntu 17.04) [Long]	Samsung RX222 (Cent OS 7.3) [Long]	Samsung RX222 (Ubuntu 14.04) [Fast]	Samsung RX222 (Ubuntu 14.04) [Light]	Samsung RX222 (Ubuntu 14.04) [Long]	Samsung RX222 (Ubuntu 14.04) [Standard]	Samsung RX222 (Ubuntu 14.04) [Superfast]	Samsung RX222 (Ubuntu 17.04) [Long]	AMD Ryzen 5 1500X_AB350g3_NVMe_GTX1080	i5.6600_NVMe_GTX1080	ryzen 5.1500x_AB350g3_NVMe_GTX1080	AMD Ryzen 7 1700X Eight-Core	AMD FX-8350 Eight-Core	achecompare1
CacheBench - R.M.W (MB/s)	10056899	10056899		15987	15987		15969	15966	15966		15969	15966	15966		16059	15952		39994	39995	39994		13947		13981	13982	13980		26010	29263		50659	26037	22698	37242	
Normalized	20.86%	20.86%		31.56%	31.55%		31.52%	31.52%	31.52%		31.52%	31.52%	31.52%		31.7%	11.75%		7.88%	7.89%	7.88%		27.53%		27.6%	27.6%	27.6%		51.34%	18.2%	100%	52.05%	41.05%	73.52%		

fx8350

| | | |


CacheBench
Test: Read / Modify / Write
MB/s, More Is Better
ECDREAM-A9
SE +/- 24.70, N = 3
10568.07
Intel Celeron N3350
SE +/- 4.65, N = 3
10569.08
Chenbro RM217 (CentOS 7.3) [Long]
SE +/- 1.01, N = 3
15986.93
Chenbro RM217 (CentOS 7.3) RAID1 [Long]
SE +/- 1.68, N = 3
15985.10
Chenbro RM217 (Ubuntu 14.04) [Light]
SE +/- 2.64, N = 3
15968.57
Chenbro RM217 (Ubuntu 14.04) [Long]
SE +/- 0.34, N = 3
15965.92
Chenbro RM217 (Ubuntu 14.04) [Standard]
SE +/- 0.18, N = 3
15965.80
Chenbro RM217 (Ubuntu 14.04) RAID1 [Light]
SE +/- 2.51, N = 3
15968.56
Chenbro RM217 (Ubuntu 14.04) RAID1 [Long]
SE +/- 0.43, N = 3
15966.04
Chenbro RM217 (Ubuntu 14.04) RAID1 [Standard]
SE +/- 0.18, N = 3
15966.08
Chenbro RM217 (Ubuntu 17.04) [Long]
SE +/- 4.75, N = 3
16059.20
Samsung RV515 (CentOS 7.3) [Long]
SE +/- 4.81, N = 3
5952.30
Samsung RV515 (Ubuntu 14.04) [Light]
SE +/- 0.43, N = 3
3994.10
Samsung RV515 (Ubuntu 14.04) [Long]
SE +/- 0.42, N = 3
3994.56
Samsung RV515 (Ubuntu 14.04) [Standard]
SE +/- 0.35, N = 3
3994.20
Samsung X22 (CentOS 7.3) [long]
SE +/- 2.08, N = 3
13947.04
Samsung X22 (Ubuntu 14.04) [Light]
SE +/- 2.22, N = 3
13980.81
Samsung X22 (Ubuntu 14.04) [Long]
SE +/- 3.12, N = 3
13981.74
Samsung X22 (Ubuntu 14.04) [Standard]
SE +/- 3.04, N = 3
13980.26
AMD Ryzen 5 1500X
SE +/- 71.30, N = 3
26010.06
i5.6600_NVMe_GTX1080
SE +/- 4.77, N = 3
9232.62
r5.1500x_AB350g3_NVMe_GTX1080
SE +/- 5.68, N = 3
50659.30
AMD Ryzen 7 1700X Eight-Core
SE +/- 90.82, N = 3
26367.20
AMD FX-8350 Eight-Core
SE +/- 260.64, N = 3
20798.04
cachecompare1
SE +/- 84.49, N = 3
37242.40
11K
22K
33K
44K
55K
1. (CC) gcc options: -lrt


CacheBench
Test: Read
MB/s, More Is Better
Chenbro RM217 (CentOS 7.3) [Long]
SE +/- 1.20, N = 3
2107.28
Chenbro RM217 (CentOS 7.3) RAID1 [Long]
SE +/- 1.16, N = 3
2107.50
Chenbro RM217 (Ubuntu 14.04) [Light]
SE +/- 0.35, N = 3
2111.44
Chenbro RM217 (Ubuntu 14.04) [Long]
SE +/- 0.15, N = 3
2111.75
Chenbro RM217 (Ubuntu 14.04) [Standard]
SE +/- 1.07, N = 3
2110.92
Chenbro RM217 (Ubuntu 14.04) RAID1 [Light]
SE +/- 0.34, N = 3
2111.52
Chenbro RM217 (Ubuntu 14.04) RAID1 [Long]
SE +/- 1.27, N = 3
2110.37
Chenbro RM217 (Ubuntu 14.04) RAID1 [Standard]
SE +/- 1.04, N = 3
2109.59
Chenbro RM217 (Ubuntu 17.04) [Long]
SE +/- 0.83, N = 3
2111.64
Samsung RV515 (CentOS 7.3) [Long]
SE +/- 0.31, N = 3
805.38
Samsung RV515 (Ubuntu 14.04) [Light]
SE +/- 0.07, N = 3
809.17
Samsung RV515 (Ubuntu 14.04) [Long]
SE +/- 0.08, N = 3
809.12
Samsung RV515 (Ubuntu 14.04) [Standard]
SE +/- 0.03, N = 3
809.02
Samsung X22 (CentOS 7.3) [long]
SE +/- 0.07, N = 3
1842.31
Samsung X22 (Ubuntu 14.04) [Light]
SE +/- 0.75, N = 3
1848.39
Samsung X22 (Ubuntu 14.04) [Long]
SE +/- 0.88, N = 3
1849.47
Samsung X22 (Ubuntu 14.04) [Standard]
SE +/- 0.14, N = 3
1850.34
cachecompare1
SE +/- 43.63, N = 3
2694.79
600
1200
1800
2400
3000
1. (CC) gcc options: -lrt



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