

www.phoronix-test-suite.com

m4-crypto

m4-fullsize

Test Systems:

m4-crypto

Processor: 40 x Intel Xeon E312xx (Sandy Bridge) @ 2.50GHz (40 Cores), Motherboard: Red Hat OpenStack Compute, Chipset: Intel 440FX- 82441FX PMC, Memory: 16384 MB + 16384 MB + 16384 MB + 16384 MB + 16384 MB + 16384 MB + 16384 MB + 16384 MB + 16384 MB + 16384 MB + 16384 MB + 16384 MB + 16384 MB + 16384 MB + 16384 MB + 10240 MB RAM, Disk: 47GB, Graphics: Cirrus Logic GD 5446, Network: Red Hat Virtio device

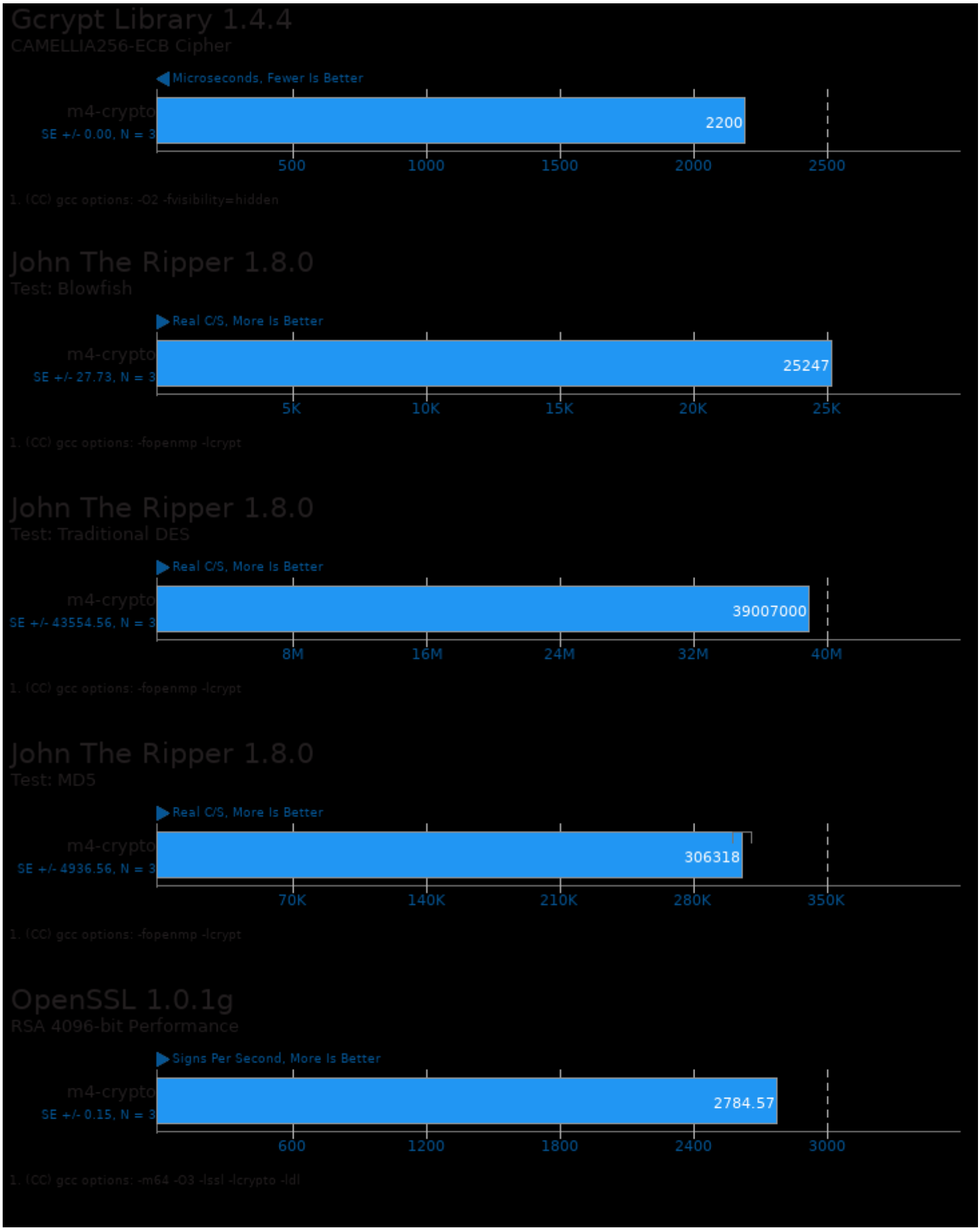
OS: RedHatEnterpriseServer 7.0, Kernel: 3.10.0-123.20.1.el7.x86_64 (x86_64), Compiler: GCC 4.8.3 20140911, File-System: ext4, Screen Resolution: 1280x1024, System Layer: KVM

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++,java,fortran,ada,go,lto --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=x86-64 --with-linker-hash-style=gnu --with-tune=generic
System Notes: SELinux: Enabled.

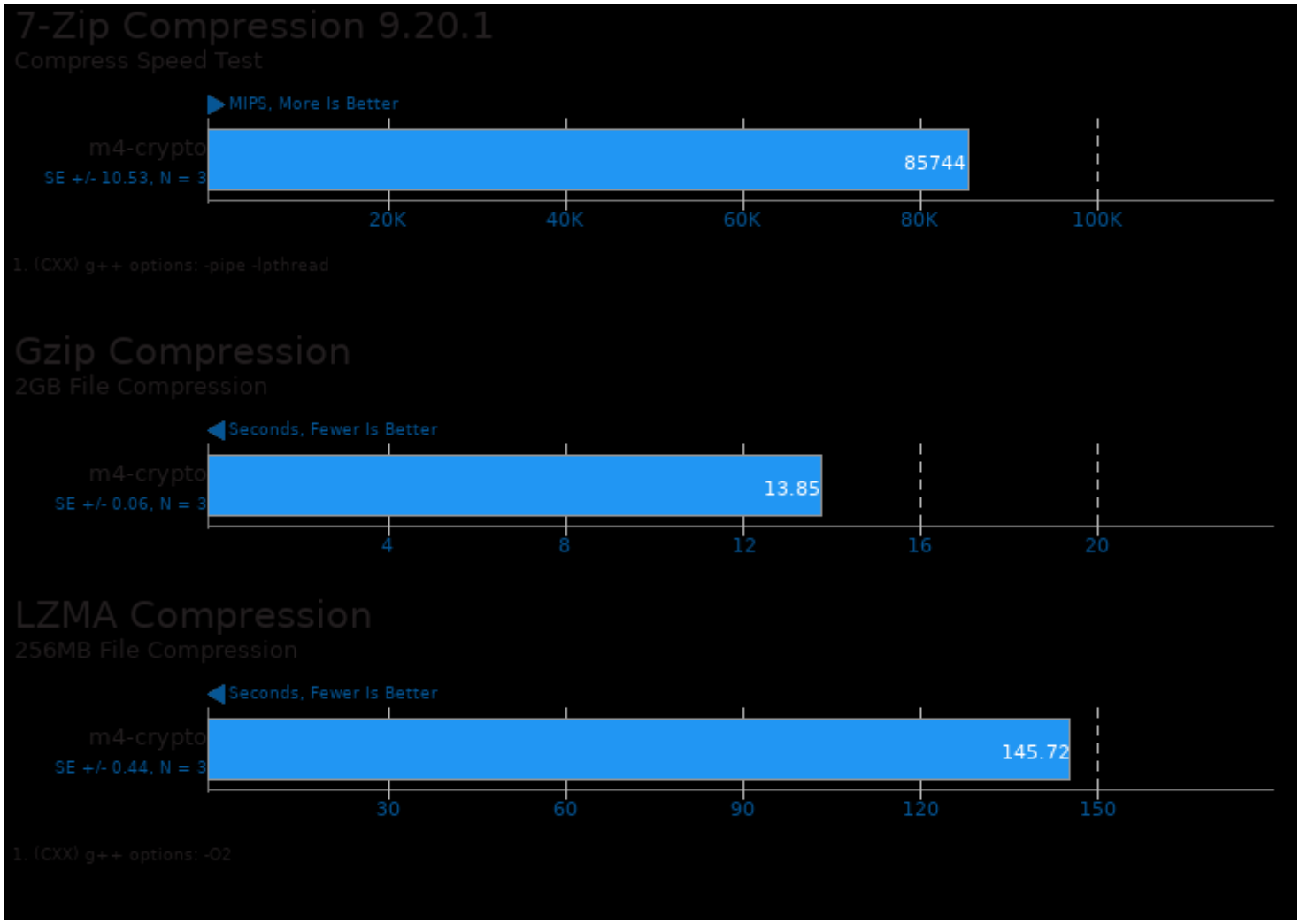
m4-crypto

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Gcrypt Library - C.E.C (us)	2200
Standard Deviation	0%
John The Ripper - Blowfish (Real C/S)	25247
Standard Deviation	0.2%
John The Ripper - Traditional DES (Real C/S)	39007000
Standard Deviation	0.2%
John The Ripper - MD5 (Real C/S)	306318
Standard Deviation	2.8%
OpenSSL - R.4.b.P (Signs/sec)	2785
Standard Deviation	0%
7-Zip Compression - C.S.T (MIPS)	85744
Standard Deviation	0%
Gzip Compression - 2.F.C (sec)	13.85
Standard Deviation	0.7%
LZMA Compression - 2.F.C (sec)	145.72
Standard Deviation	0.5%

m4-crypto


Gcrypt Library 1.4.4
CAMELLIA256-ECB Cipher
Microseconds, Fewer Is Better
m4-crypto
SE +/- 0.00, N = 3
2200
500
1000
1500
2000
2500
1. (CC) gcc options: -O2 -fvisibility=hidden
John The Ripper 1.8.0
Test: Blowfish
Real C/S, More Is Better
m4-crypto
SE +/- 27.73, N = 3
25247
5K
10K
15K
20K
25K
1. (CC) gcc options: -fopenmp -lcrypt
John The Ripper 1.8.0
Test: Traditional DES
Real C/S, More Is Better
m4-crypto
SE +/- 43554.56, N = 3
39007000
8M
16M
24M
32M
40M
1. (CC) gcc options: -fopenmp -lcrypt
John The Ripper 1.8.0
Test: MD5
Real C/S, More Is Better
m4-crypto
SE +/- 4936.56, N = 3
306318
70K
140K
210K
280K
350K
1. (CC) gcc options: -fopenmp -lcrypt
OpenSSL 1.0.1g
RSA 4096-bit Performance
Signs Per Second, More Is Better
m4-crypto
SE +/- 0.15, N = 3
2784.57
600
1200
1800
2400
3000
1. (CC) gcc options: -m64 -O3 -lssl -lcrypto -ldl

m4-crypto



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 05:43.