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celwebv3

Intel Celeron J4105 testing with a ASRock J4105-ITX (P1.00 BIOS) and Intel UHD 605 on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

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Processor: Intel Celeron J4105 @ 2.50GHz (4 Cores), Motherboard: ASRock J4105-ITX (P1.00 BIOS), Chipset: Intel Gemini Lake, Memory: 8GB, Disk: 240GB Patriot Burst, Graphics: Intel UHD 605 (750MHz), Audio: Realtek ALC892, Monitor: SMB2230H, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 20.04, Kernel: 5.4.0-65-generic (x86_64), Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 1920x1080

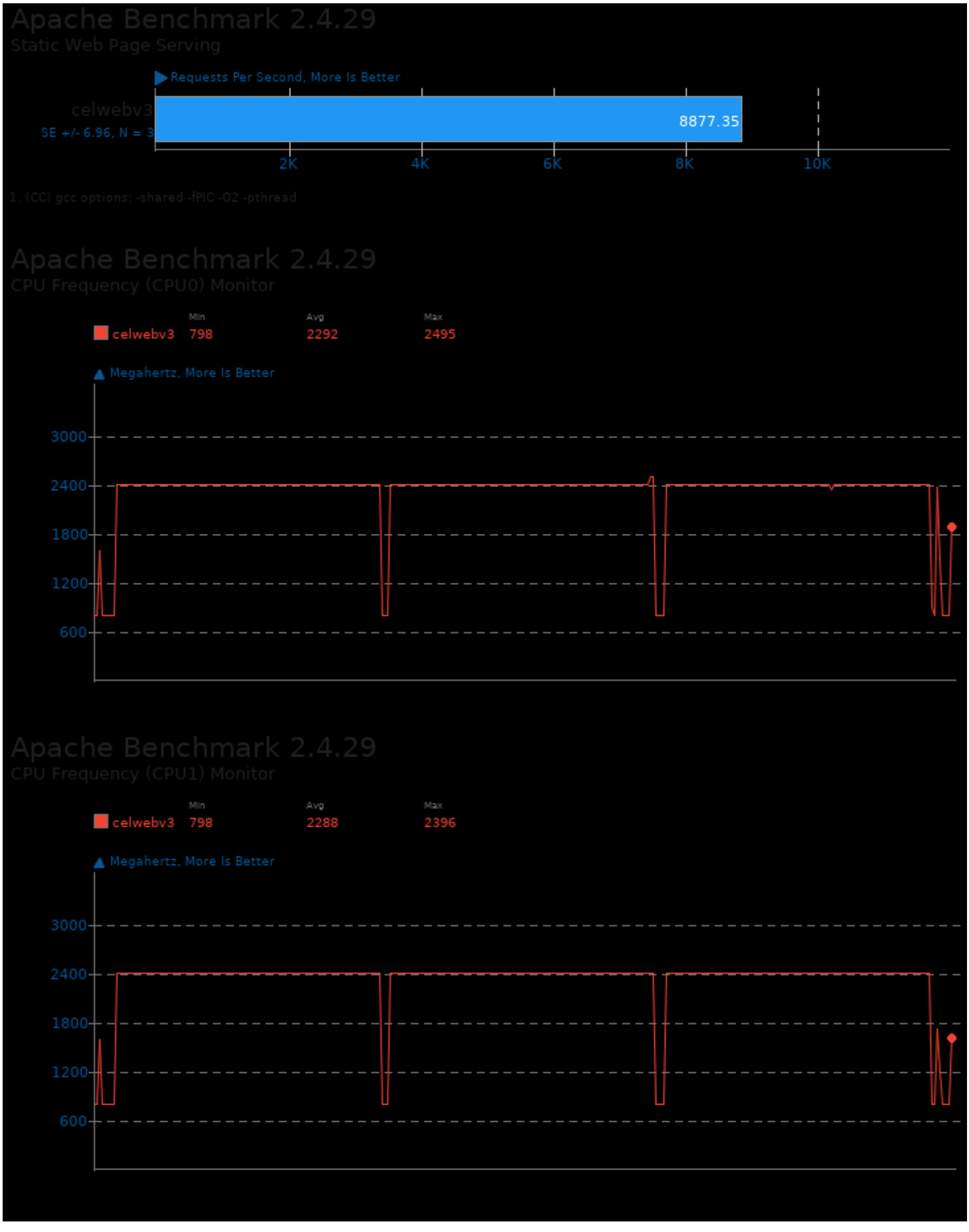
Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-HskZEa/gcc-9-9.3.0/debian/tmp-nvptx/usr,hsa --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

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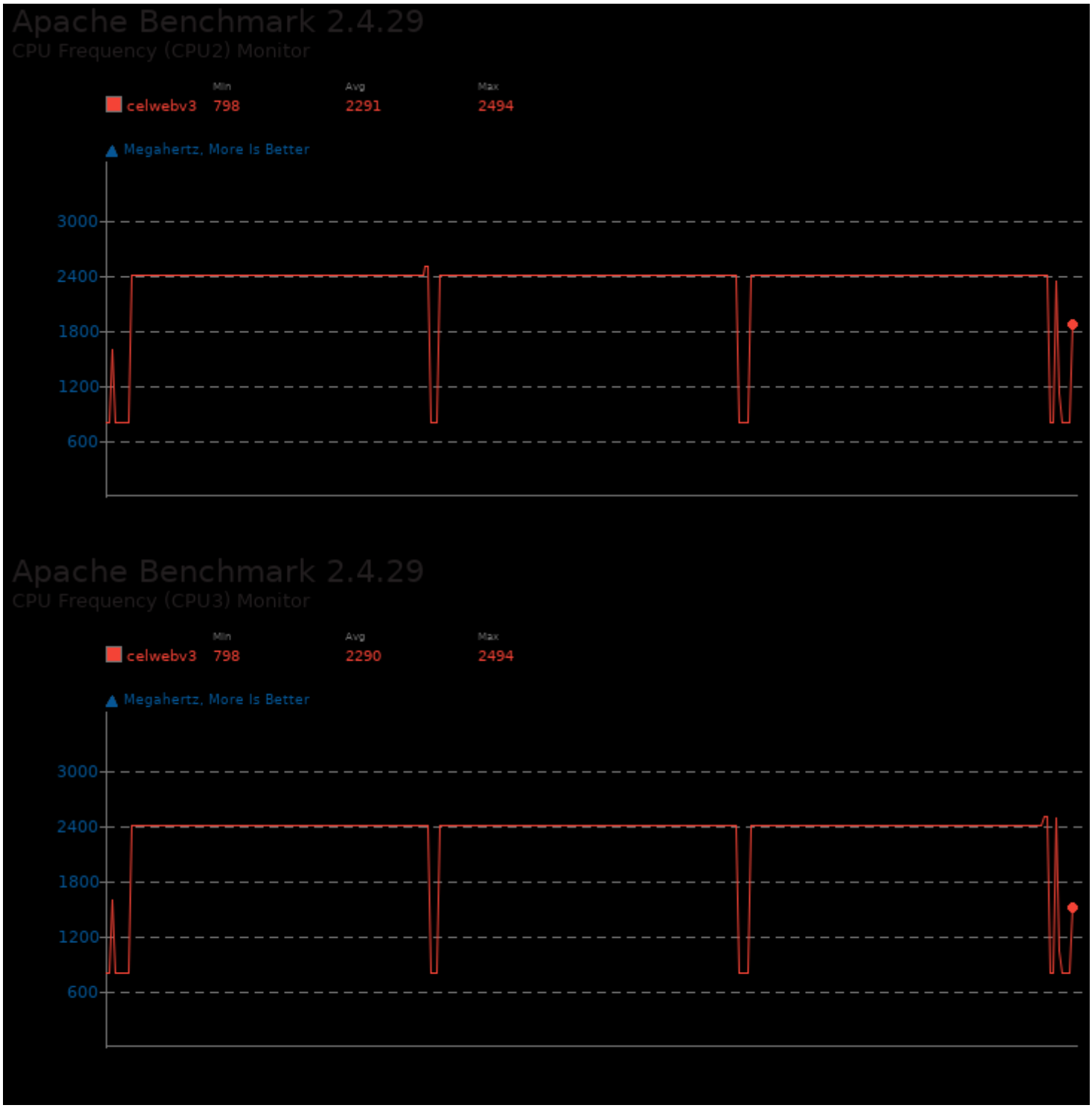
--with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib=auto --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0x32 - Thermald 1.9.1
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Mitigation of PTI + 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 Enhanced IBRS IBPB: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

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Apache Benchmark - S.W.P.S (Reqs/sec)	8877
Standard Deviation	0.1%

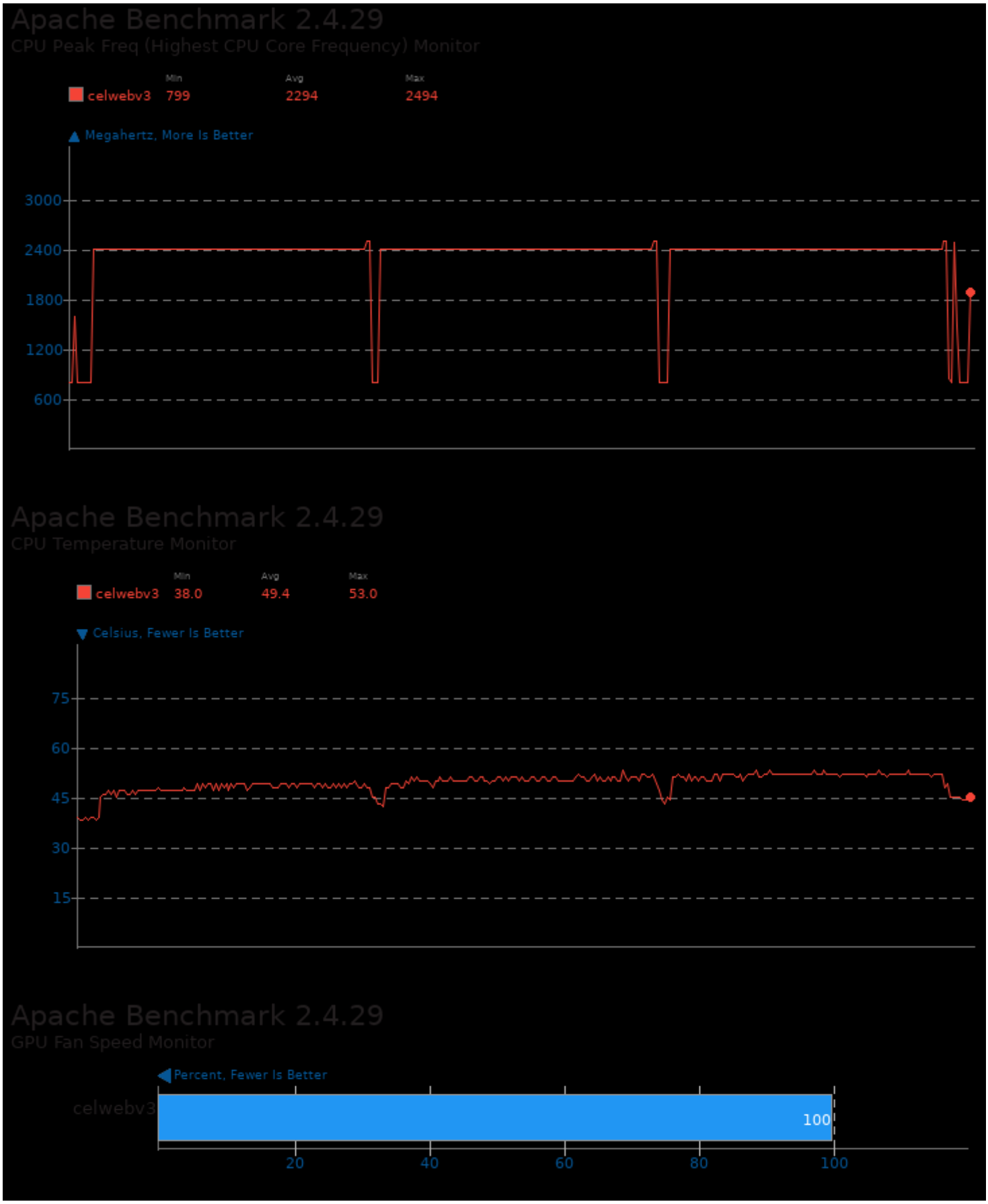
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Apache Benchmark 2.4.29
Static Web Page Serving
Requests Per Second, More Is Better
celwebv3
SE +/- 6.96, N = 3
8877.35
2K
4K
6K
8K
10K
1. (CC) gcc options: -shared -fPIC -O2 -pthread
Apache Benchmark 2.4.29
CPU Frequency (CPU0) Monitor
Min
Avg
Max
celwebv3
798
2292
2495
Megahertz, More Is Better
3000
2400
1800
1200
600
Apache Benchmark 2.4.29
CPU Frequency (CPU1) Monitor
Min
Avg
Max
celwebv3
798
2288
2396
Megahertz, More Is Better
3000
2400
1800
1200
600

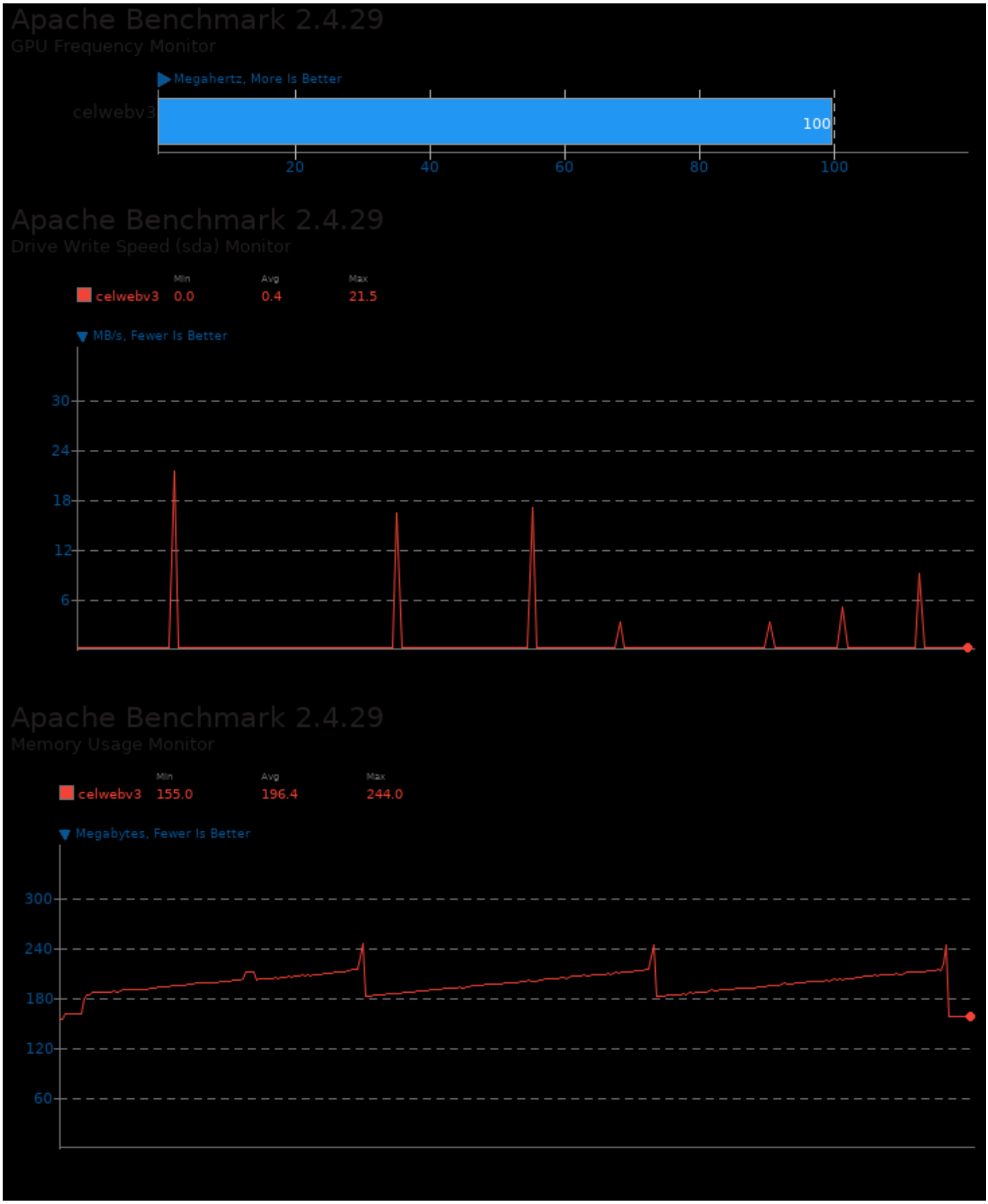
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Apache Benchmark 2.4.29
CPU Frequency (CPU2) Monitor
Min
Avg
Max
celwebv3
798
2291
2494
Megahertz, More Is Better
3000
2400
1800
1200
600
Apache Benchmark 2.4.29
CPU Frequency (CPU3) Monitor
Min
Avg
Max
celwebv3
798
2290
2494
Megahertz, More Is Better
3000
2400
1800
1200
600

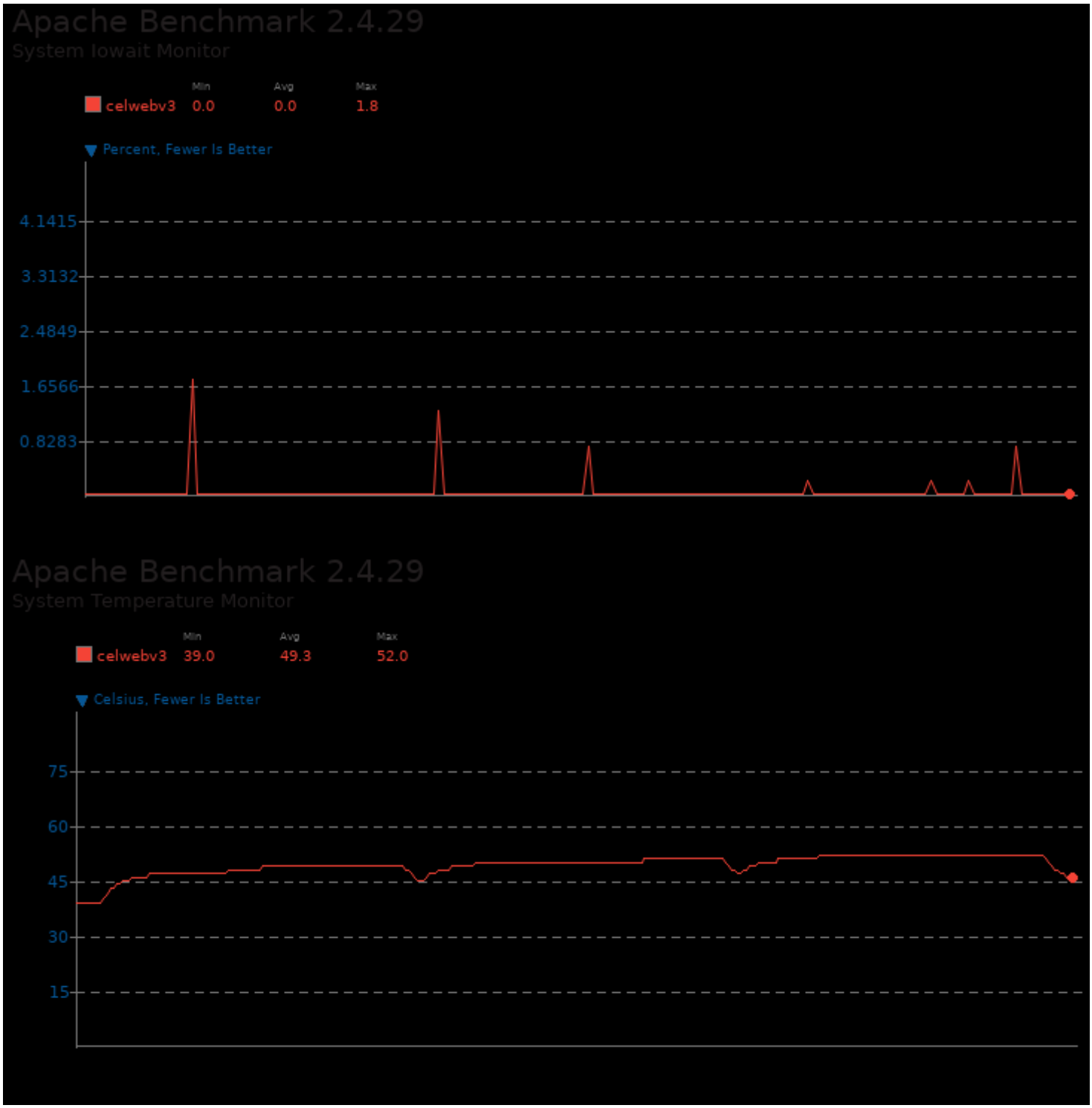
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Apache Benchmark 2.4.29
CPU Peak Freq (Highest CPU Core Frequency) Monitor
Min
Avg
Max
celwebv3 799 2294 2494
Megahertz, More Is Better
3000
2400
1800
1200
600
Apache Benchmark 2.4.29
CPU Temperature Monitor
Min
Avg
Max
celwebv3 38.0 49.4 53.0
Celsius, Fewer Is Better
75
60
45
30
15
Apache Benchmark 2.4.29
GPU Fan Speed Monitor
Percent, Fewer Is Better
celwebv3
100
20
40
60
80
100

celwebv3


Apache Benchmark 2.4.29
GPU Frequency Monitor
Megahertz, More Is Better
celwebv3
100
20
40
60
80
100
Apache Benchmark 2.4.29
Drive Write Speed (sda) Monitor
Min
Avg
Max
celwebv3
0.0
0.4
21.5
MB/s, Fewer Is Better
30
24
18
12
6
Apache Benchmark 2.4.29
Memory Usage Monitor
Min
Avg
Max
celwebv3
155.0
196.4
244.0
Megabytes, Fewer Is Better
300
240
180
120
60

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 18:47.