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## Atom E3930 Logic Supply Karbon 300 Benchmarks

Tests for a future article on Phoronix.

### Automated Executive Summary

*NUC5i3RYB had the most wins, coming in first place for 53% of the tests.*

*Based on the geometric mean of all complete results, the fastest (Fitlet2) was 1.5x the speed of the slowest (DN2820FYK). NUC5i3RYB was 0.961x the speed of Fitlet2, Karbon 300 was 0.924x the speed of NUC5i3RYB, DN2820FYK was 0.751x the speed of Karbon 300.*

*The results with the greatest spread from best to worst included:*

*Go Benchmarks (CPU Power Consumption Monitor) at 28.667x  
DaCapo Benchmark (CPU Power Consumption Monitor) at 26.29x  
Go Benchmarks (CPU Power Consumption Monitor) at 24.471x  
Stress-NG (CPU Power Consumption Monitor) at 19.485x  
Perl Benchmarks (CPU Power Consumption Monitor) at 15.676x  
PyBench (CPU Power Consumption Monitor) at 14.8x  
ctx\_clock (CPU Power Consumption Monitor) at 11.306x  
FS-Mark (CPU Power Consumption Monitor) at 9.645x  
GIMP (CPU Power Consumption Monitor) at 9.588x*

*PHPBench (CPU Power Consumption Monitor) at 8.355x.*

## Test Systems:

### DN2820FYK

Processor: Intel Celeron N2820 @ 2.40GHz (2 Cores), Motherboard: Intel DN2820FYK (FYBYT10H.86A.0050.2015.0326.1731 BIOS), Chipset: Intel Atom Z36xxx/Z37xxx, Memory: 8192MB, Disk: 60GB OCZ VERTEX2, Graphics: Intel Bay Trail 2GB (756MHz), Audio: Realtek ALC283, Monitor: Acer B286HK, Network: Realtek RTL8111/8168/8411 + Intel 7260

OS: Ubuntu 18.04, Kernel: 4.18.0-20-generic (x86\_64), Desktop: GNOME Shell 3.28.3, Display Server: X Server 1.20.1, Display Driver: modesetting 1.20.1, OpenGL: 4.2 Mesa 18.2.8, Compiler: GCC 7.4.0, 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

Disk Notes: CFQ / errors=remount-ro,relatime,rw

Processor Notes: Scaling Governor: intel\_pstate powersave

Java Notes: OpenJDK Runtime Environment (build 11.0.3+7-Ubuntu-1ubuntu218.04.1)

Python Notes: Python 2.7.15rc1 + Python 3.6.7

Security Notes: I1tf: Not affected + mds: Vulnerable: Clear buffers attempted no microcode; SMT disabled + meltdown: Mitigation of PTI + spec\_store\_bypass: Not affected + spectre\_v1: Mitigation of \_\_user pointer sanitization + spectre\_v2: Mitigation of Full generic retpoline STIBP: disabled RSB filling

### NUC5i3RYB

Processor: Intel Core i3-5010U @ 2.00GHz (2 Cores / 4 Threads), Motherboard: Intel NUC5i3RYB (RYBDWi35.86A.0130.2014.1203.1639 BIOS), Chipset: Intel Broadwell-U-OPI, Memory: 8192MB, Disk: 256GB TS256GSSD370 + 16GB Voyager 3.0, Graphics: Intel HD 5500 (900MHz), Audio: Intel Broadwell-U Audio, Monitor: Acer B286HK, Network: Intel I218-V + Intel 7265

OS: Ubuntu 18.04, Kernel: 4.18.0-20-generic (x86\_64), Desktop: GNOME Shell 3.28.3, Display Server: X Server 1.20.1, Display Driver: modesetting 1.20.1, OpenGL: 4.5 Mesa 18.2.8, Compiler: GCC 7.4.0, 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

Disk Notes: CFQ / errors=remount-ro,relatime,rw

Processor Notes: Scaling Governor: intel\_pstate powersave

Java Notes: OpenJDK Runtime Environment (build 11.0.3+7-Ubuntu-1ubuntu218.04.1)

Python Notes: Python 2.7.15rc1 + Python 3.6.7

Security Notes: I1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Mitigation of Clear buffers; SMT vulnerable + meltdown: Mitigation of PTI + spec\_store\_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre\_v1: Mitigation of \_\_user pointer sanitization + spectre\_v2: Mitigation of Full generic retpoline IBPB: conditional IBRS\_FW STIBP: conditional RSB filling

### Fitlet2

Processor: Intel Celeron J3455 @ 2.30GHz (4 Cores), Motherboard: Compulab fitlet2 v1.1 (FLT2.0.38.01.00 BIOS), Chipset: Intel Celeron N3350/Pentium, Memory: 8192MB, Disk: 127GB NT-128, Graphics: inteldrmfb (750MHz), Audio:

Realtek ALC1150, Monitor: Acer B286HK, Network: 2 x Intel I211 + Intel 8260

OS: Ubuntu 18.04, Kernel: 4.18.0-20-generic (x86\_64), Desktop: GNOME Shell 3.28.3, Display Server: X Server 1.20.1, Display Driver: modesetting 1.20.1, OpenGL: 4.5 Mesa 18.2.8, Compiler: GCC 7.4.0, 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

Disk Notes: CFQ / errors=remount-ro,relatime,rw

Processor Notes: Scaling Governor: intel\_pstate powersave

Java Notes: OpenJDK Runtime Environment (build 11.0.3+7-Ubuntu-1ubuntu218.04.1)

Python Notes: Python 2.7.15rc1 + Python 3.6.7

Security Notes: I1tf: Not affected + mds: Not affected + meltdown: Not affected + spec\_store\_bypass: Not affected + spectre\_v1: Mitigation of \_\_user pointer sanitization + spectre\_v2: Mitigation of Full generic retpoline IBPB: conditional IBRS\_FW STIBP: disabled RSB filling

## Karbon 300

Processor: Intel Atom E3930 @ 1.80GHz (2 Cores), Motherboard: MiTAC NeonPoint (D8000X08 BIOS), Chipset: Intel Celeron N3350/Pentium, Memory: 4096MB, Disk: 256GB TS256GMTE510T, Graphics: inteldrmfb (550MHz), Audio: Realtek ALC233, Monitor: Acer B286HK, Network: 3 x Intel I210

OS: Ubuntu 18.04, Kernel: 4.15.0-50-generic (x86\_64), Desktop: GNOME Shell 3.28.3, Display Server: X Server 1.19.6, Display Driver: modesetting 1.19.6, OpenGL: 4.5 Mesa 18.2.8, Compiler: GCC 7.4.0, 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

Disk Notes: NONE / data=ordered,errors=remount-ro,relatime,rw

Processor Notes: Scaling Governor: intel\_pstate powersave

Java Notes: OpenJDK Runtime Environment (build 11.0.3+7-Ubuntu-1ubuntu218.04.1)

Python Notes: Python 2.7.15rc1 + Python 3.6.7

Security Notes: I1tf: Not affected + mds: Not affected + meltdown: Not affected + spec\_store\_bypass: Not affected + spectre\_v1: Mitigation of \_\_user pointer sanitization + spectre\_v2: Mitigation of Full generic retpoline IBPB: conditional IBRS\_FW STIBP: disabled RSB filling

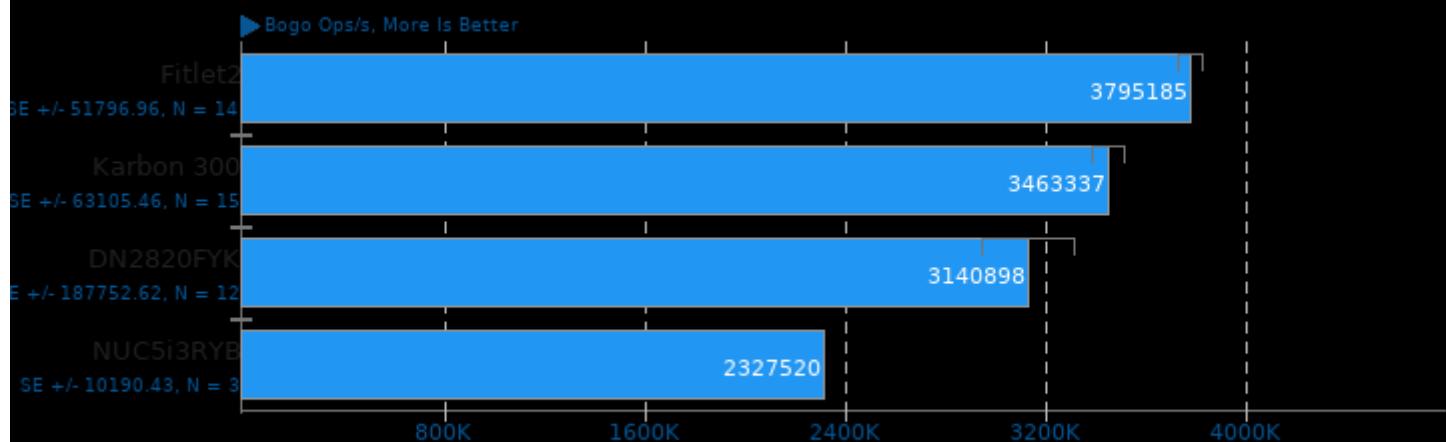
	DN2820FYK	NUC5i3RYB	Fitlet2	Karbon 300
<b>Stress-NG - Semaphores (Bogo)</b>	3140898	<b>2327520</b>	<b>3795185</b>	3463337
Normalized	82.76%	61.33%	100%	91.26%
Standard Deviation	20.7%	0.8%	5.1%	7.1%
<b>Perl Benchmarks - Pod2html (sec)</b>	<b>0.64715797</b>	<b>0.24953099</b>	0.44548371	0.56515477
Normalized	38.56%	100%	56.01%	44.15%
Standard Deviation	0.1%	0.8%	0.7%	0.3%
<b>DaCapo Benchmark - Jython (msec)</b>	<b>30697</b>	<b>12970</b>	17329	25415
Normalized	42.25%	100%	74.85%	51.03%
Standard Deviation	5.2%	2.9%	3%	0.7%
<b>PyBench - T.F.A.T.T (Milliseconds)</b>	<b>5047</b>	<b>2314</b>	3864	4944
Normalized	45.85%	100%	59.89%	46.8%
Standard Deviation	0.2%	0.3%	0.3%	0.7%
<b>SQLite - T.S.I (sec)</b>	21.80	64.17	<b>66.90</b>	<b>14.50</b>
Normalized	66.51%	22.6%	21.67%	100%

Standard Deviation	7.7%	0.1%	0.9%	13.2%
<b>PHPBench - P.B.S (Score)</b>	<b>140909</b>	<b>300338</b>	207587	162415
Normalized	46.92%	100%	69.12%	54.08%
Standard Deviation	0.1%	0.2%	0.2%	0.3%
<b>GIMP - rotate (sec)</b>	<b>66.47</b>	<b>40.16</b>	44.29	59.52
Normalized	60.42%	100%	90.68%	67.47%
Standard Deviation	0.2%	0.2%	0.1%	0.7%
<b>GIMP - auto-levels (sec)</b>	<b>62.33</b>	<b>36.65</b>	43.30	60.00
Normalized	58.8%	100%	84.64%	61.08%
Standard Deviation	0%	0.2%	0.2%	0.8%
<b>GIMP - resize (sec)</b>	<b>31.14</b>	<b>17.30</b>	19.76	26.40
Normalized	55.56%	100%	87.55%	65.53%
Standard Deviation	0.7%	1.3%	1.4%	1.3%
<b>Go Benchmarks - garbage (ns/op)</b>	<b>26028519</b>	10340128	<b>9845733</b>	23206617
Normalized	37.83%	95.22%	100%	42.43%
Standard Deviation	0.8%	0.4%	0.4%	0.5%
<b>FS-Mark - 1.F.1.S (Files/s)</b>	<b>119.77</b>	<b>87.00</b>	95.43	<b>230.93</b>
Normalized	51.86%	37.67%	41.32%	100%
Standard Deviation	0.8%	2.8%	0.4%	2.9%
<b>Go Benchmarks - json (ns/op)</b>	<b>135245445</b>	50249917	<b>43916330</b>	106948955
Normalized	32.47%	87.4%	100%	41.06%
Standard Deviation	0.3%	0.3%	0.5%	0.4%
<b>ctx_clock - C.S.T (Clocks)</b>	<b>859</b>	<b>1341</b>	<b>191</b>	211
Normalized	22.24%	14.24%	100%	90.52%
Standard Deviation	1.1%	0.2%	0.6%	
<b>Meta Performance Per Watt - P.P.W</b>	3629	<b>4452</b>	<b>3399</b>	
<b>(Performance/Watt)</b>				
Normalized	81.5%	100%	76.35%	
<b>PHPBench - P.B.S (Score/Watt)</b>	<b>17304</b>	29917	<b>30038</b>	18160
Normalized	57.61%	99.6%	100%	60.46%
<b>Stress-NG - Semaphores (Bogo Ops/s/Watt)</b>	383292	<b>207522</b>	<b>405743</b>	370166
Normalized	94.47%	51.15%	100%	91.23%
<b>FS-Mark - 1.F.1.S (Files/s/Watt)</b>	15.03	<b>9.92</b>	16.49	<b>25.80</b>
Normalized	58.26%	38.45%	63.91%	100%

## Atom E3930 Logic Supply Karbon 300 Benchmarks

### Stress-NG 0.07.26

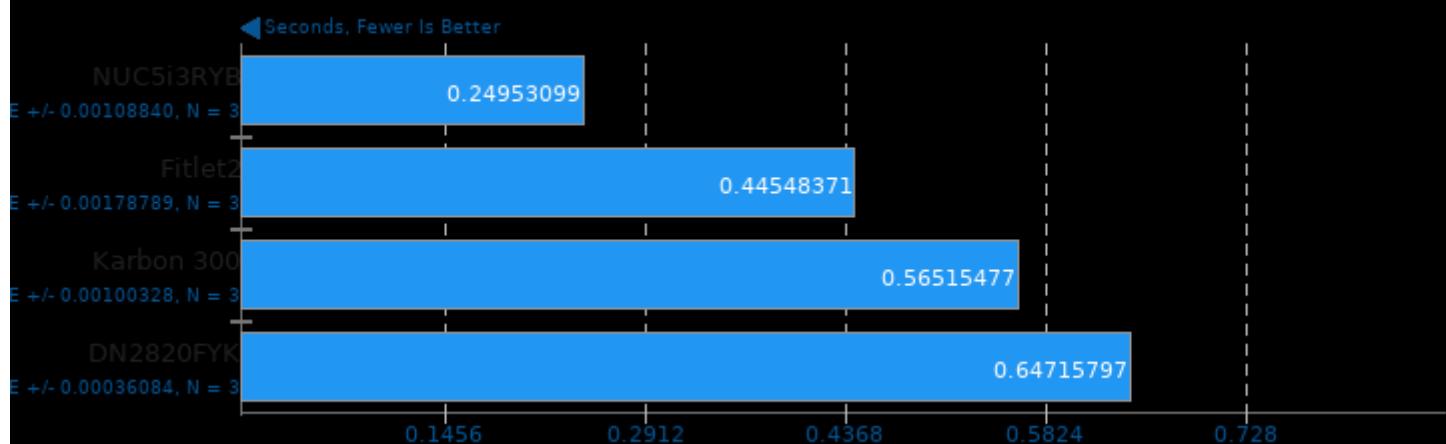
Test: Semaphores



1. (CC) gcc options: -O2 -std=gnu99 -lm -lcrypt -lrt -lpthread -lc

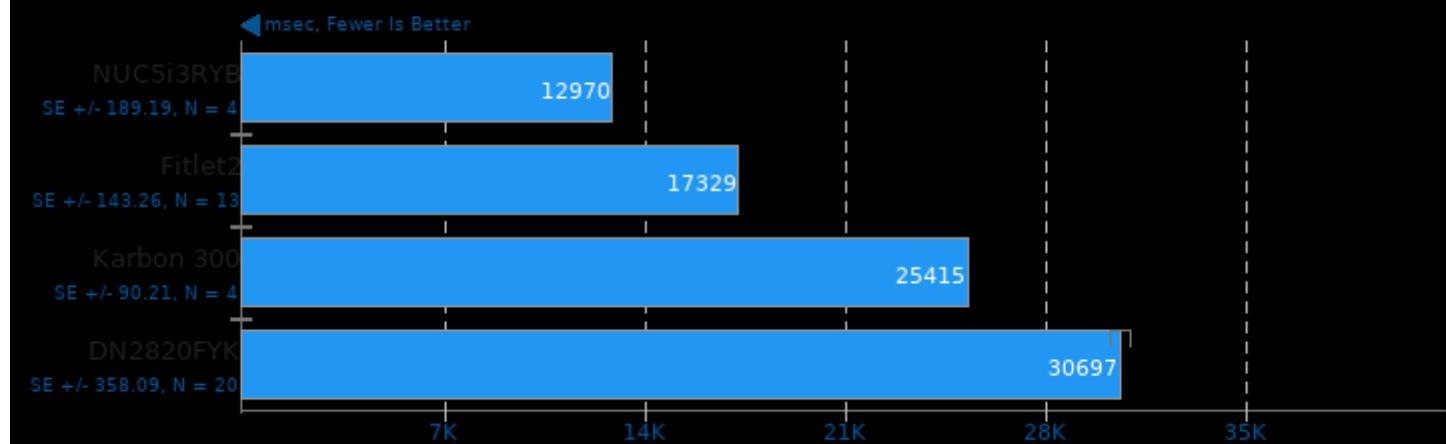
### Perl Benchmarks

Test: Pod2html



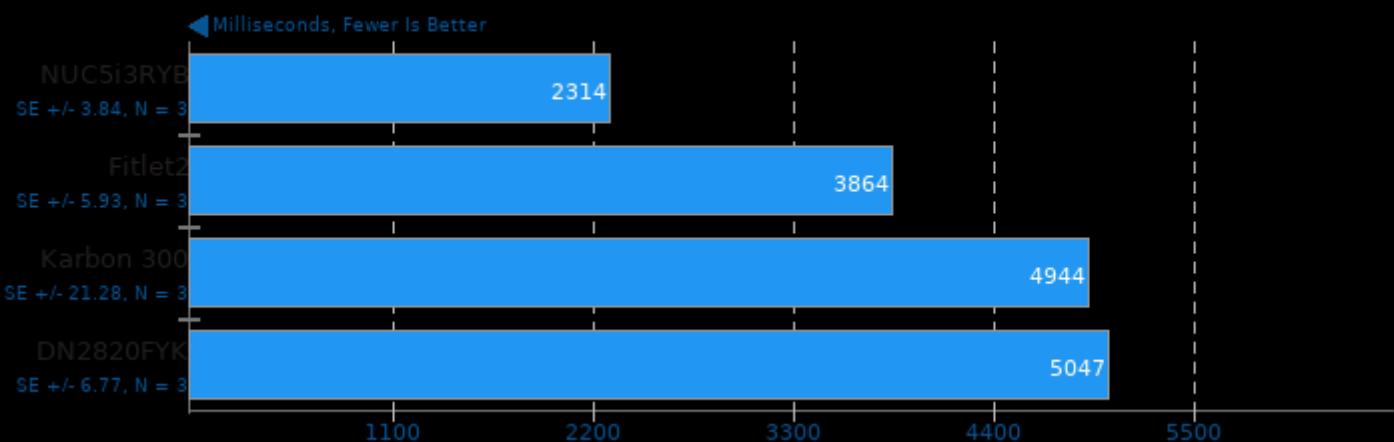
### DaCapo Benchmark 9.12-MR1

Java Test: Jython



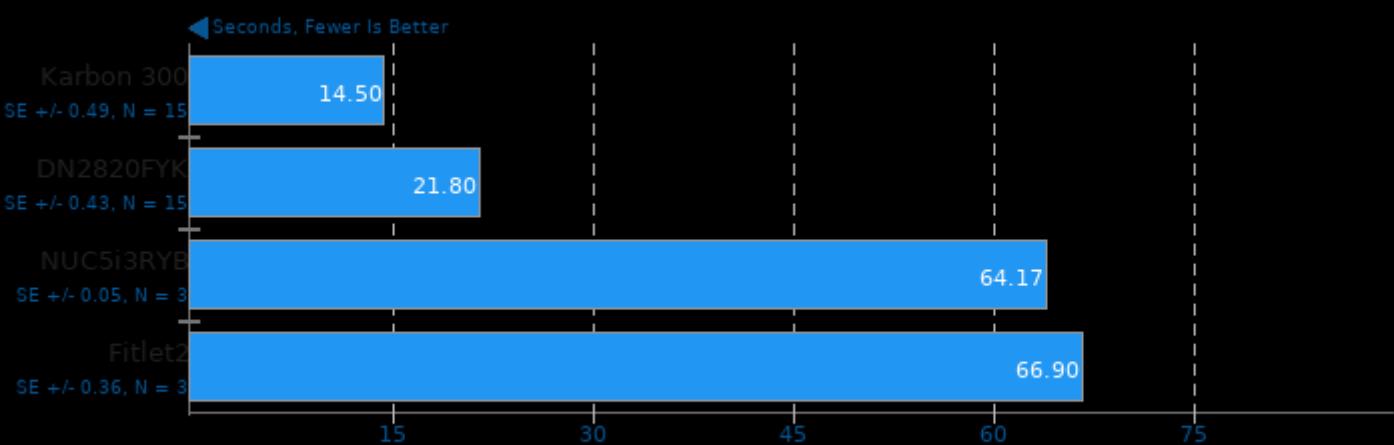
## PyBench 2018-02-16

Total For Average Test Times



## SQLite 3.22

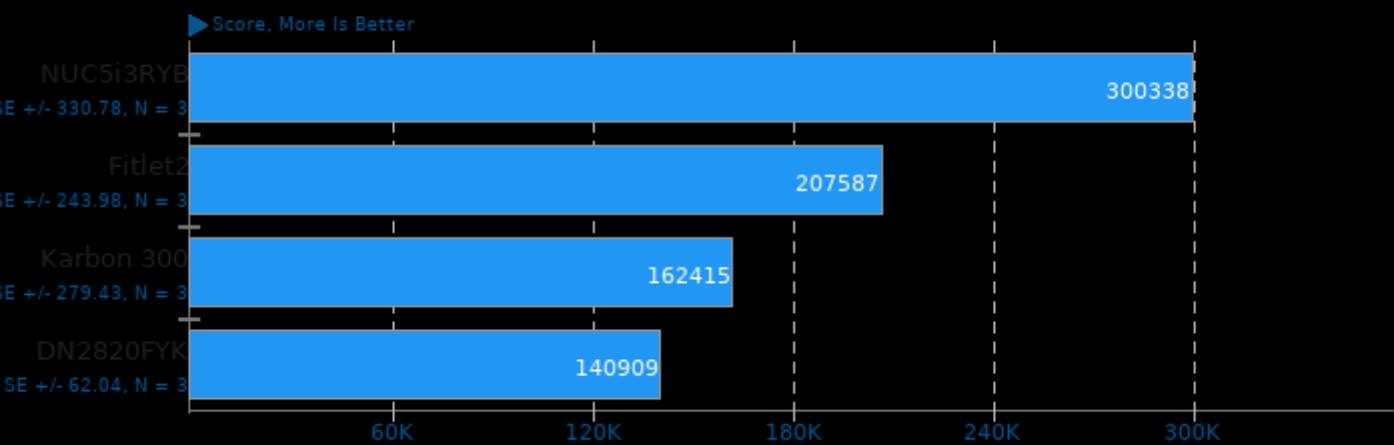
Timed SQLite Insertions



1. (CC) gcc options: -O2 -ldl -lpthread

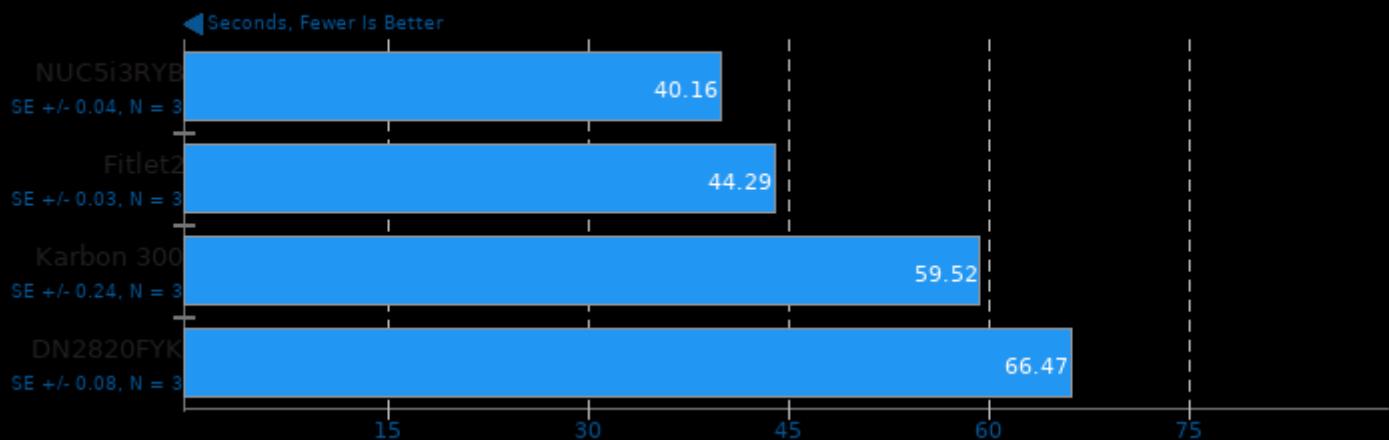
## PHPBench 0.8.1

PHP Benchmark Suite



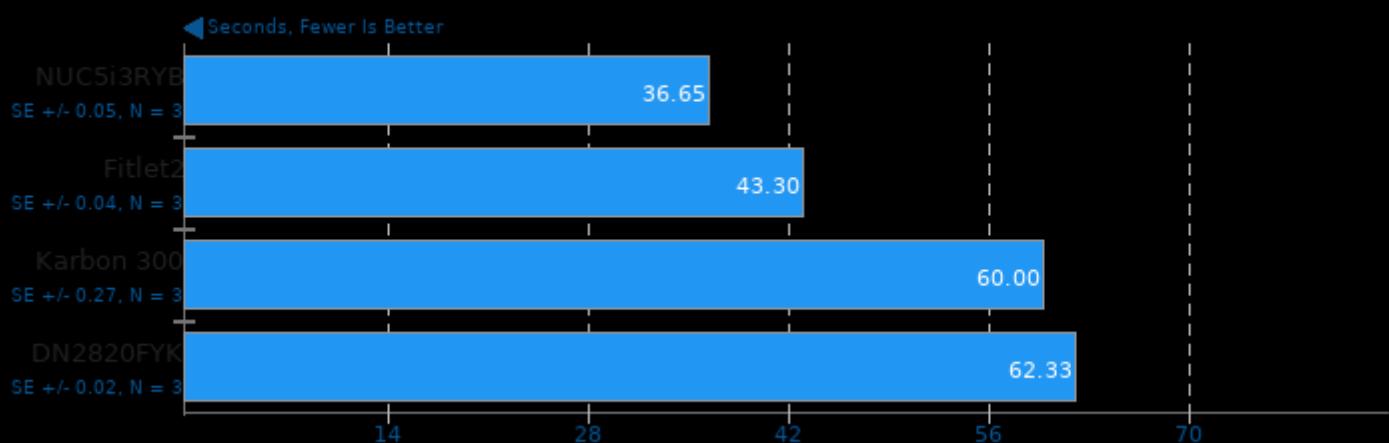
## GIMP 2.8.22

Test: rotate



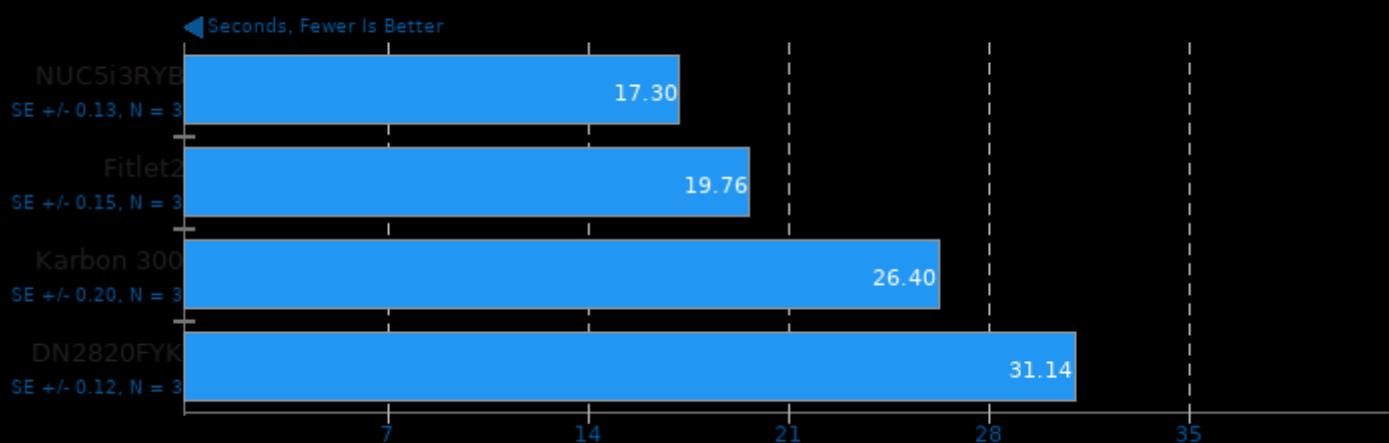
## GIMP 2.8.22

Test: auto-levels



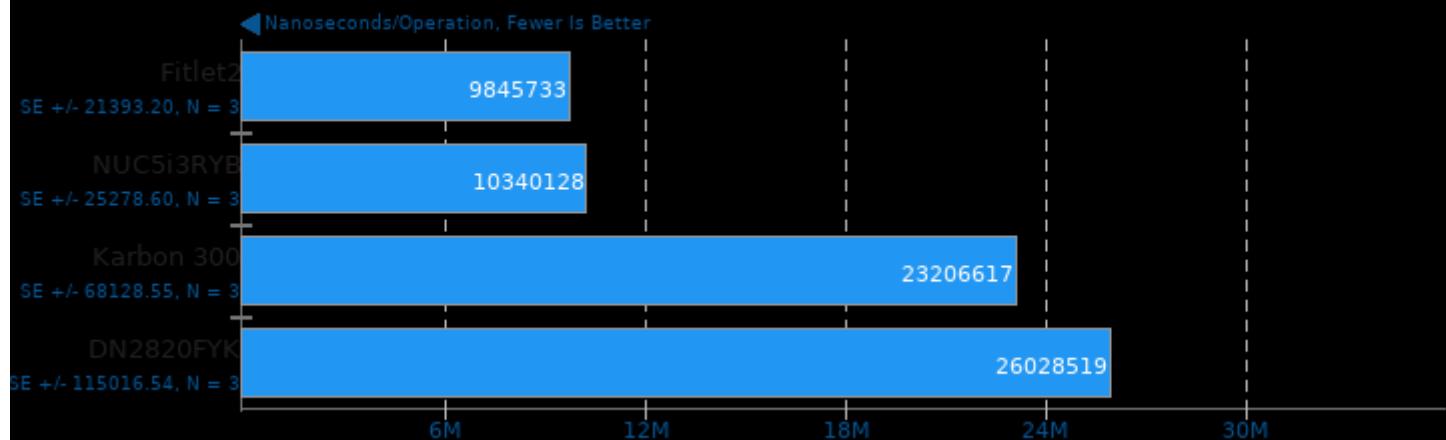
## GIMP 2.8.22

Test: resize



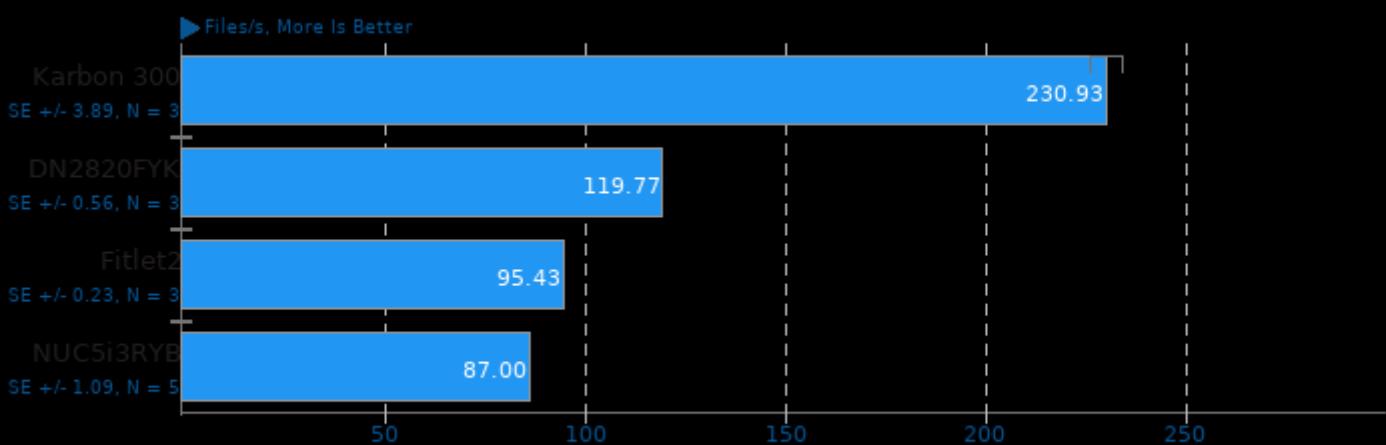
## Go Benchmarks

Test: garbage



## FS-Mark 3.3

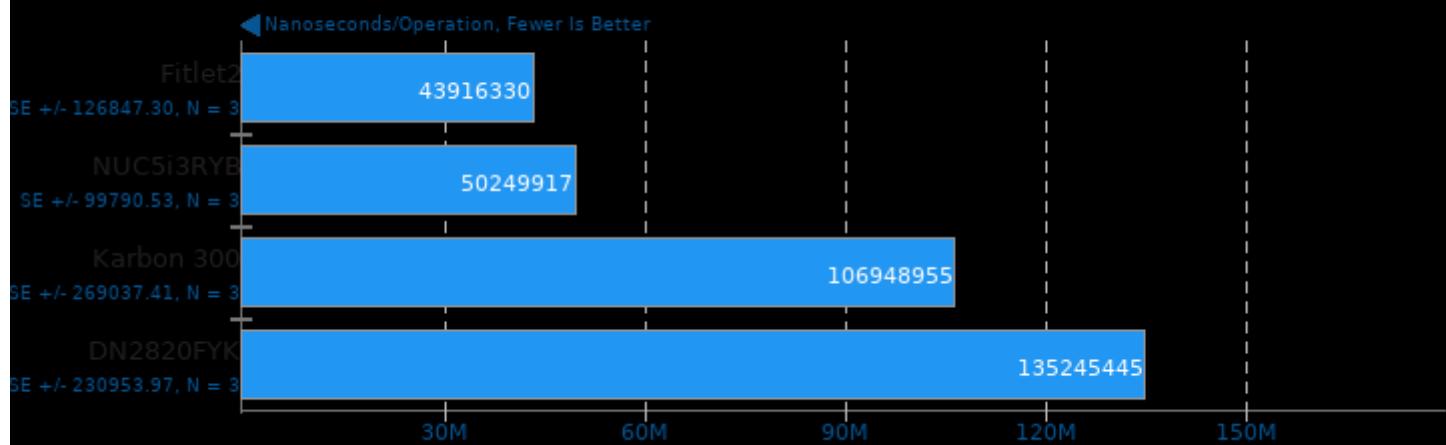
Test: 1000 Files, 1MB Size



1. (CC) gcc options: -static

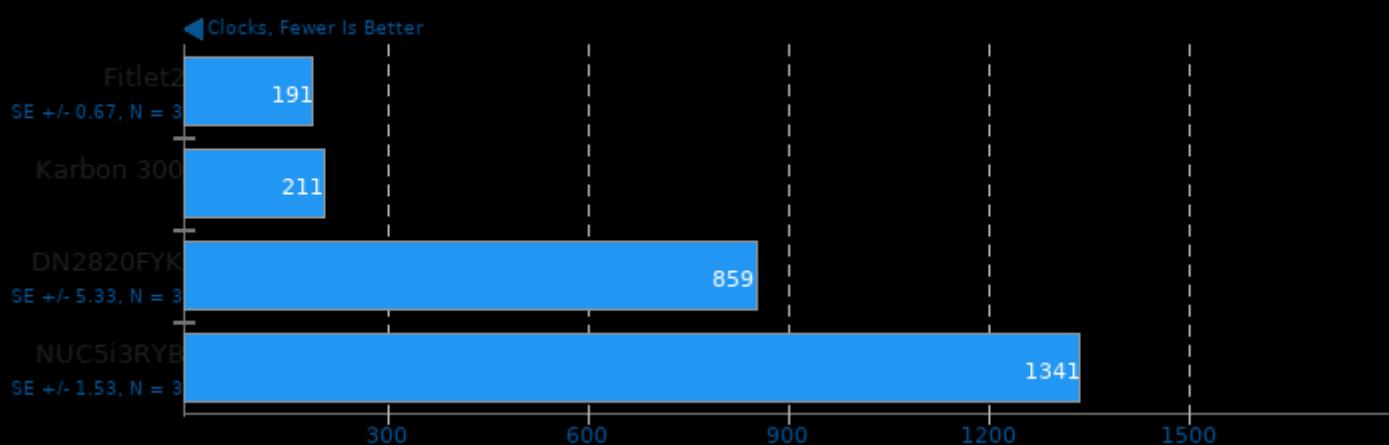
## Go Benchmarks

Test: json



**ctx\_clock**

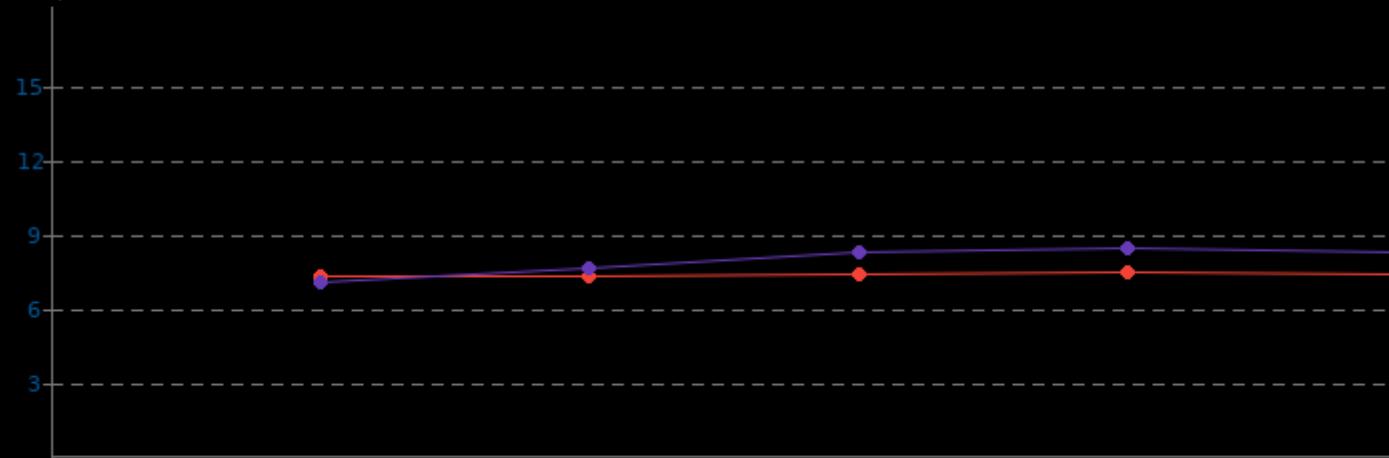
Context Switch Time

**ctx\_clock**

System Power Consumption Monitor

	Min	Avg	Max
DN2820FYK	7.3	7.4	7.5
NUC5i3RYB	7.1	7.9	8.4

▼ Watts, Fewer Is Better

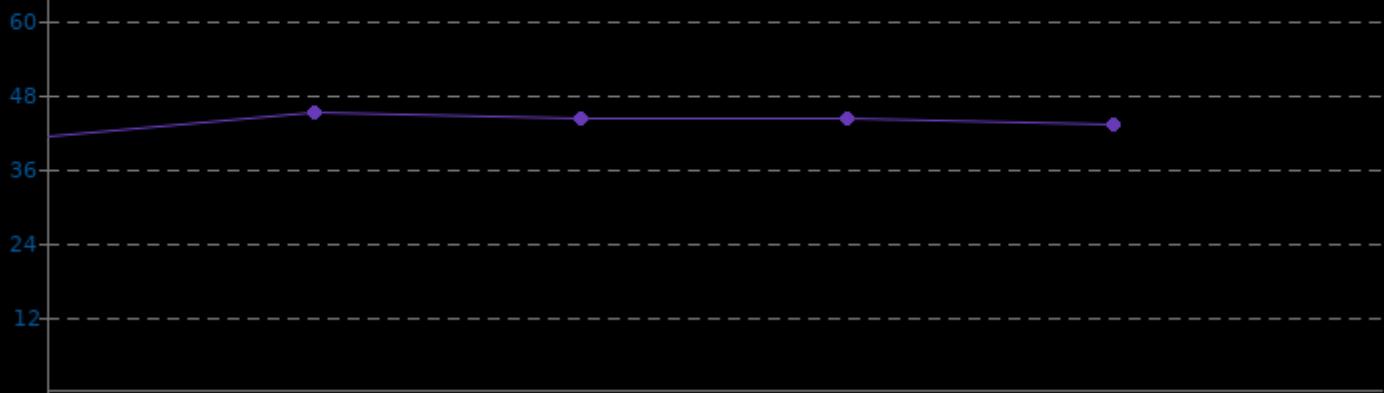


**ctx\_clock**

CPU Temperature Monitor

	Min	Avg	Max
NUC5i3RYB	41.0	43.4	45.0

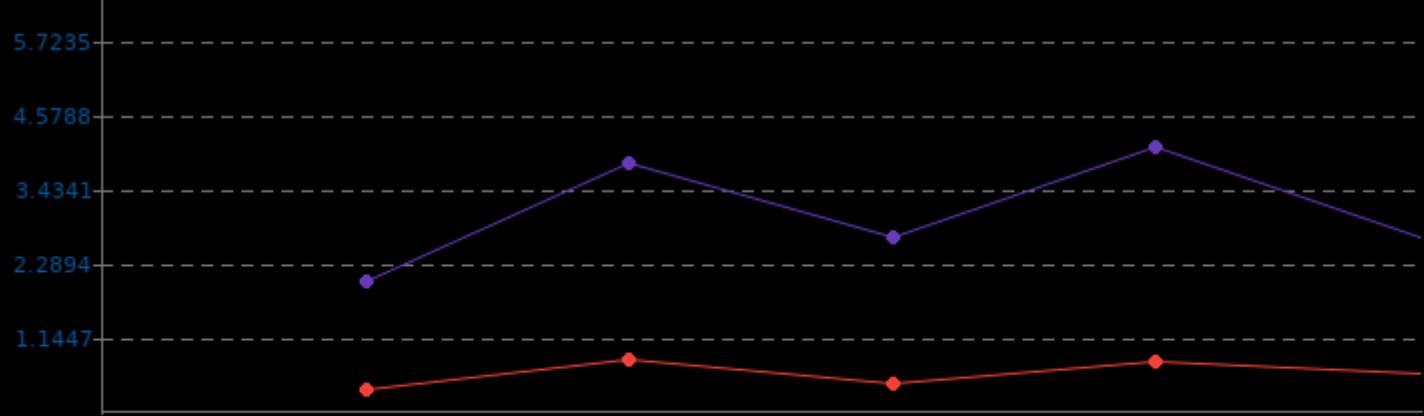
▼ Celsius, Fewer Is Better

**ctx\_clock**

CPU Power Consumption Monitor

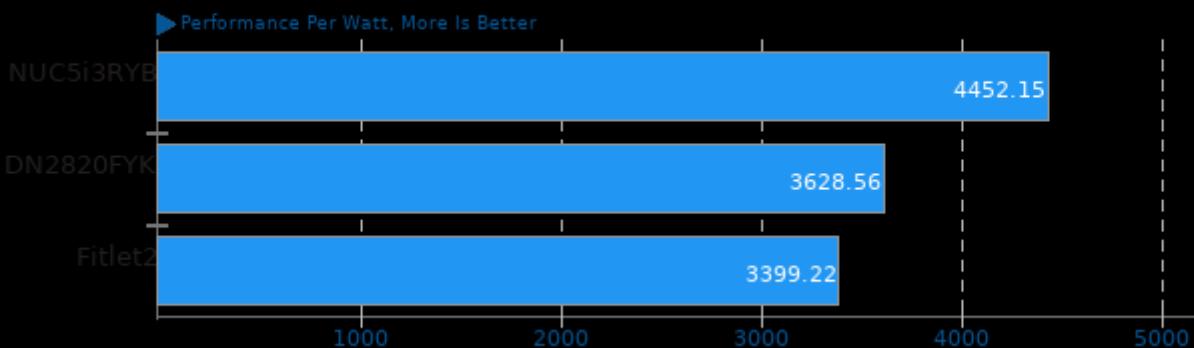
	Min	Avg	Max
DN2820FYK	0.4	0.6	0.8
NUC5i3RYB	2.0	3.1	4.1

▼ Watts, Fewer Is Better



## Meta Performance Per Watt

Performance Per Watt

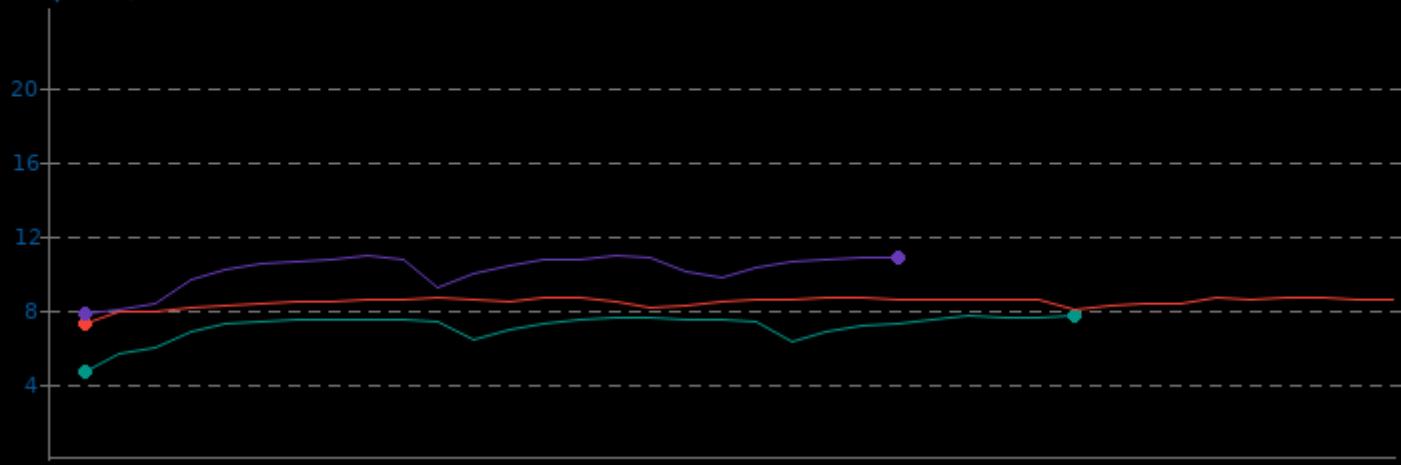


## GIMP 2.8.22

System Power Consumption Monitor

	Min	Avg	Max
Fitlet2	4.7	7.1	7.7
DN2820FYK	7.3	8.5	8.7
NUC5i3RYB	7.8	10.1	10.9

▼ Watts, Fewer Is Better

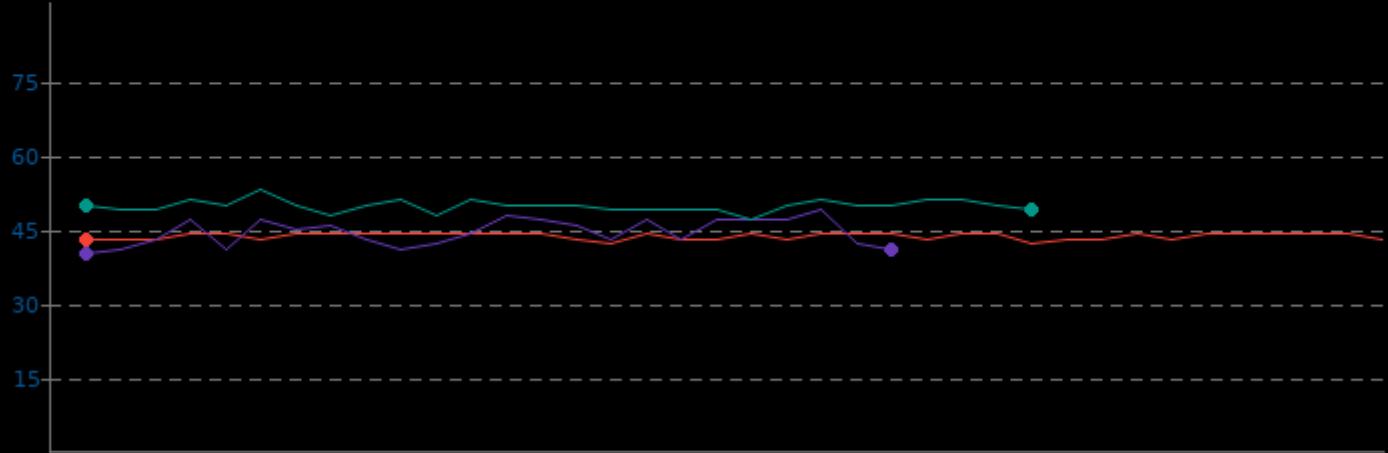


## GIMP 2.8.22

### CPU Temperature Monitor

	Min	Avg	Max
DN2820FYK	42.0	43.6	44.0
NUC5i3RYB	40.0	44.5	49.0
Fitlet2	47.0	49.8	53.0

▼ Celsius, Fewer Is Better

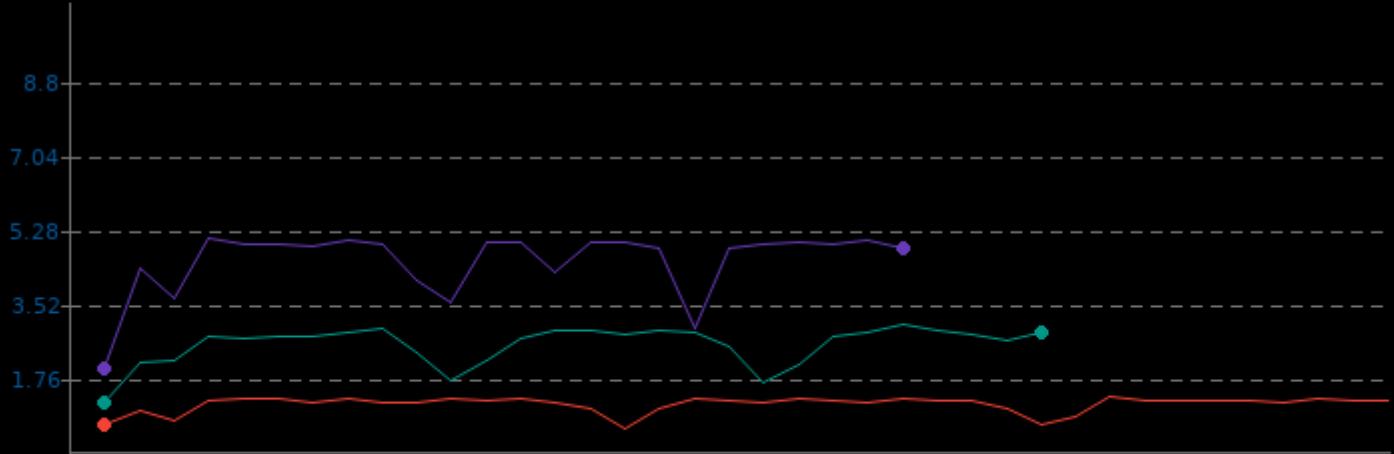


## GIMP 2.8.22

### CPU Power Consumption Monitor

	Min	Avg	Max
DN2820FYK	0.6	1.2	1.4
Fitlet2	1.2	2.6	3.1
NUC5i3RYB	2.0	4.6	5.1

▼ Watts, Fewer Is Better

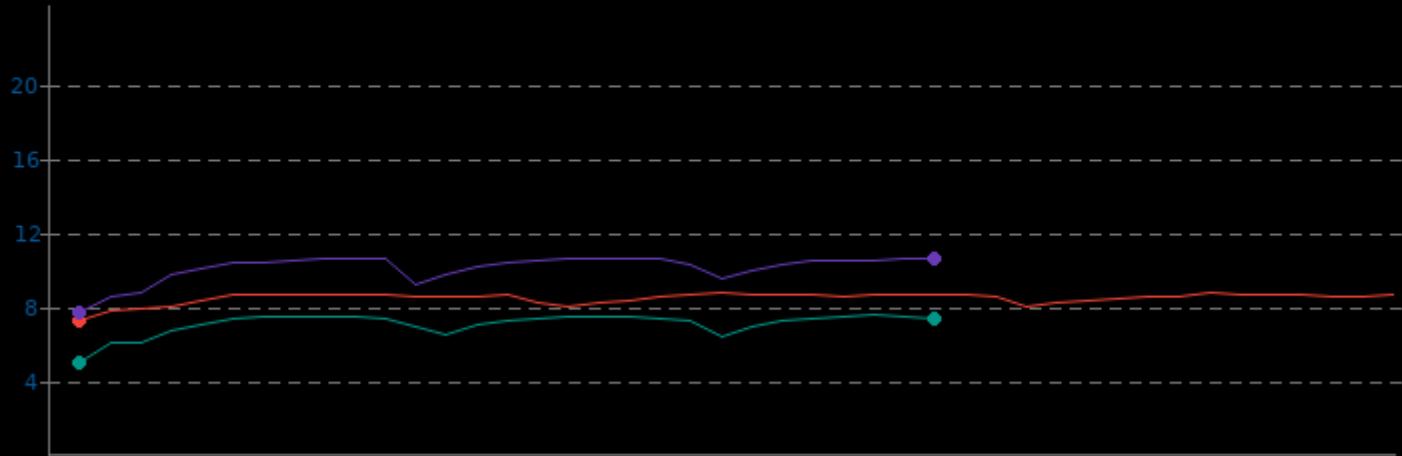


## GIMP 2.8.22

System Power Consumption Monitor

	Min	Avg	Max
Fitlet2	5.0	7.1	7.6
DN2820FYK	7.3	8.5	8.8
NUC5i3RYB	7.7	10.1	10.6

▼ Watts, Fewer Is Better

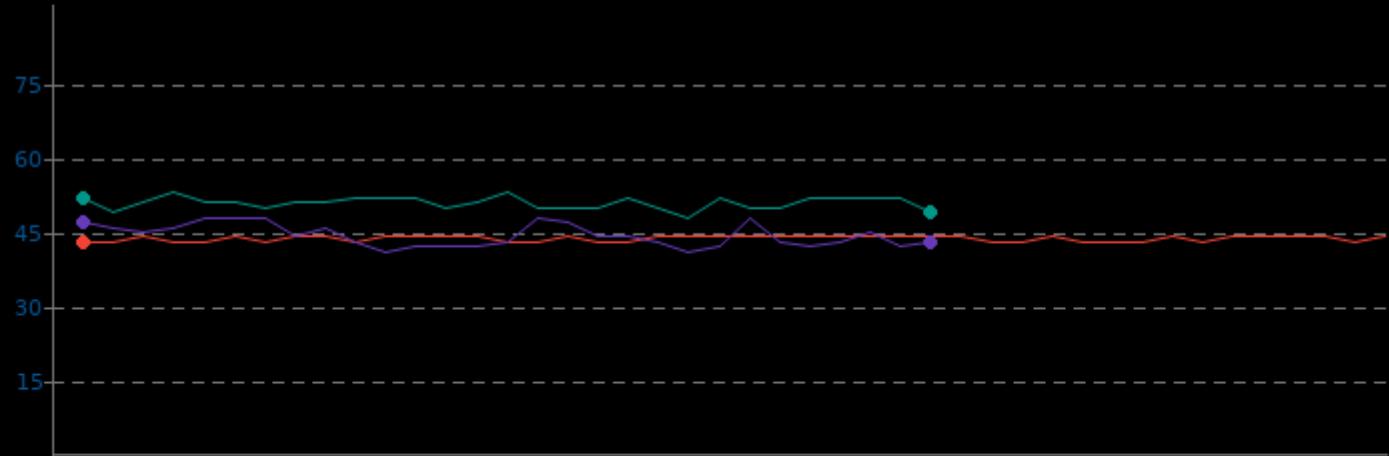


## GIMP 2.8.22

CPU Temperature Monitor

	Min	Avg	Max
DN2820FYK	43.0	43.6	44.0
NUC5i3RYB	41.0	44.3	48.0
Fitlet2	48.0	51.0	53.0

▼ Celsius, Fewer Is Better

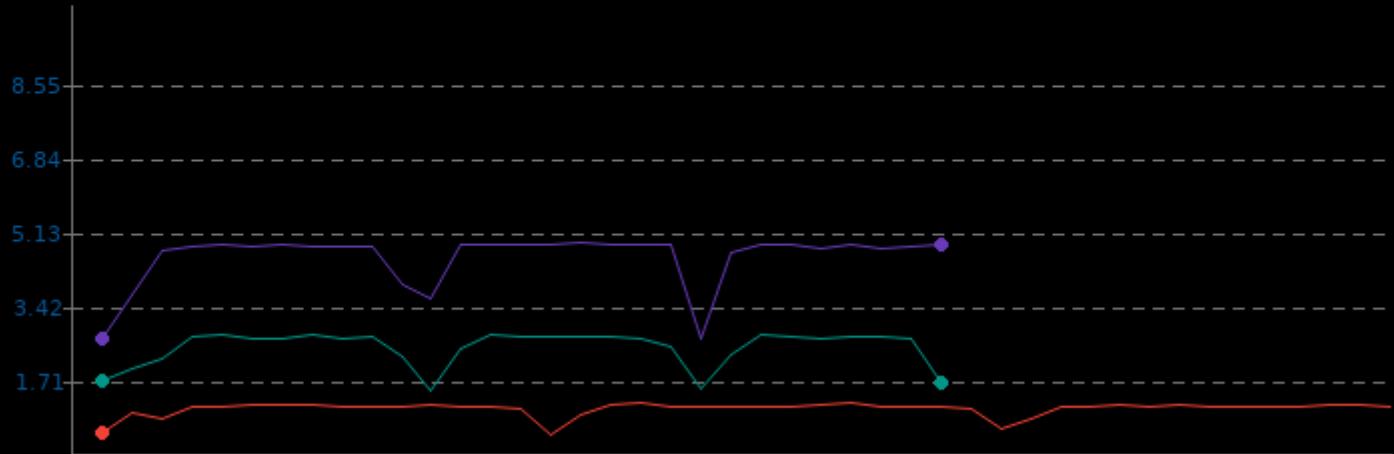


## GIMP 2.8.22

CPU Power Consumption Monitor

	Min	Avg	Max
DN2820FYK	0.5	1.1	1.2
Fitlet2	1.5	2.5	2.8
NUC5i3RYB	2.7	4.6	4.9

▼ Watts, Fewer Is Better

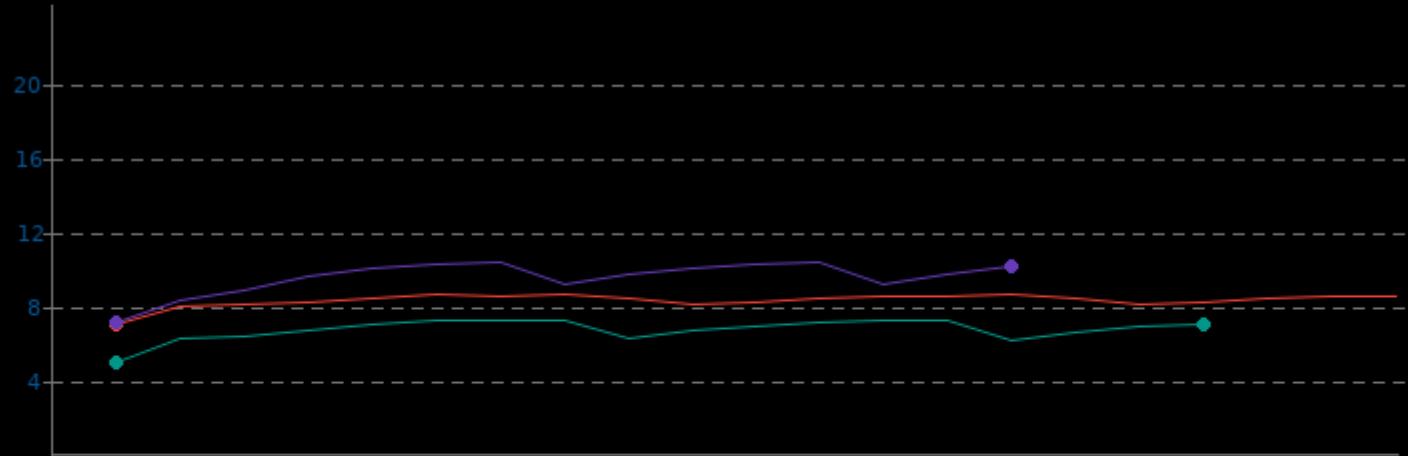


## GIMP 2.8.22

System Power Consumption Monitor

	Min	Avg	Max
Fitlet2	5.0	6.8	7.3
DN2820FYK	7.1	8.4	8.7
NUC5i3RYB	7.2	9.6	10.4

▼ Watts, Fewer Is Better

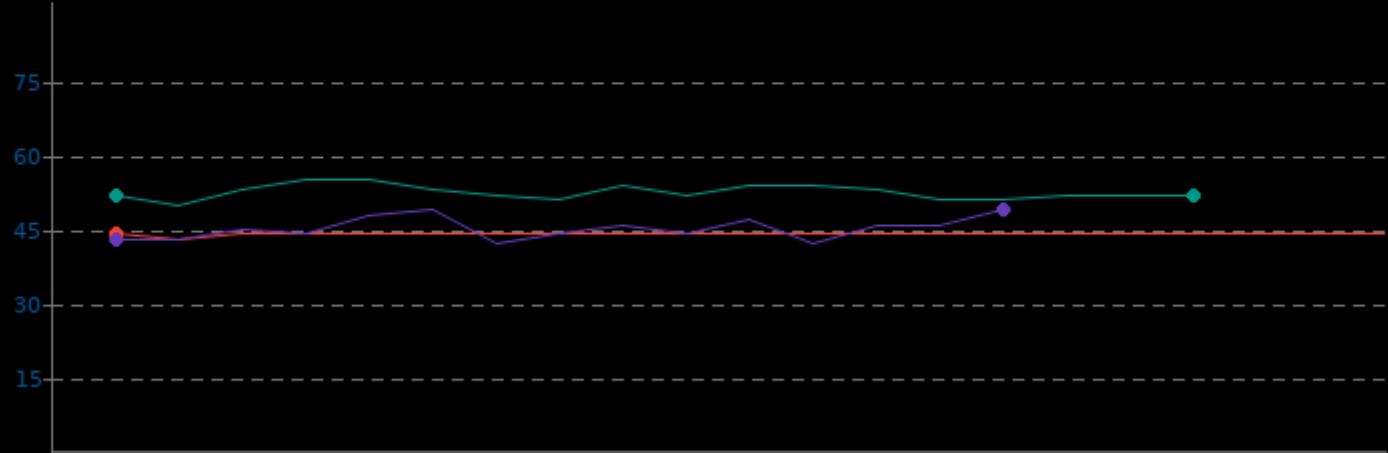


## GIMP 2.8.22

### CPU Temperature Monitor

	Min	Avg	Max
DN2820FYK	43.0	44.0	44.0
NUC5i3RYB	42.0	45.2	49.0
Fitlet2	50.0	52.6	55.0

▼ Celsius, Fewer Is Better

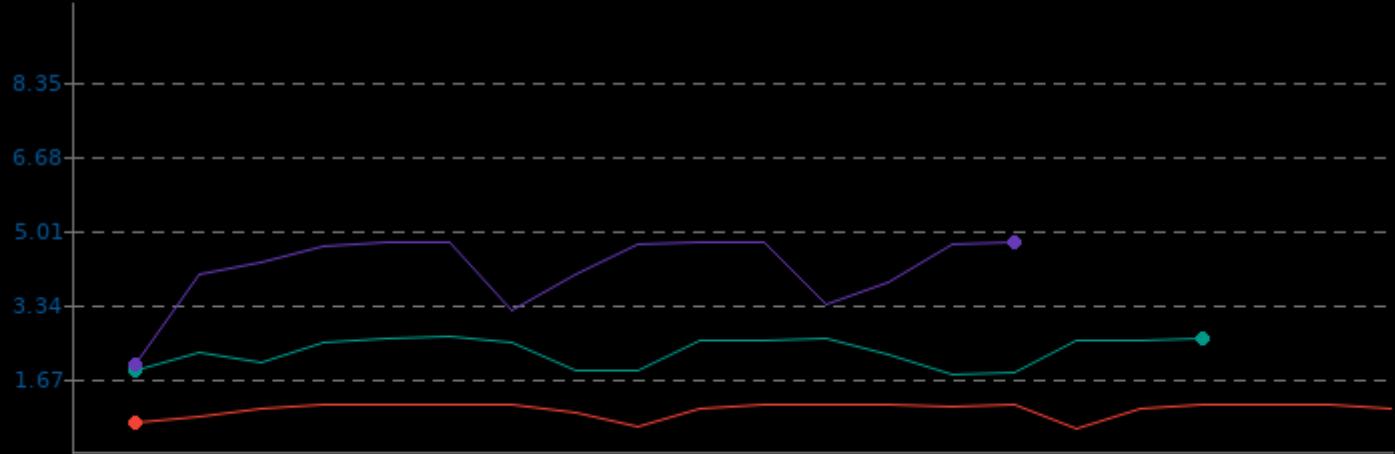


## GIMP 2.8.22

### CPU Power Consumption Monitor

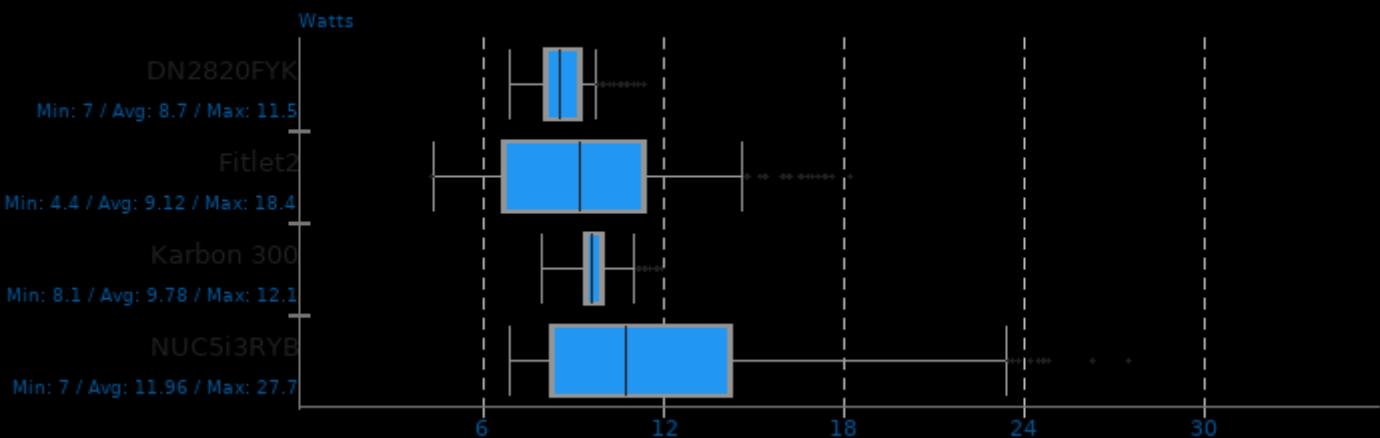
	Min	Avg	Max
DN2820FYK	0.6	1.0	1.1
Fitlet2	1.8	2.3	2.6
NUC5i3RYB	2.0	4.2	4.8

▼ Watts, Fewer Is Better



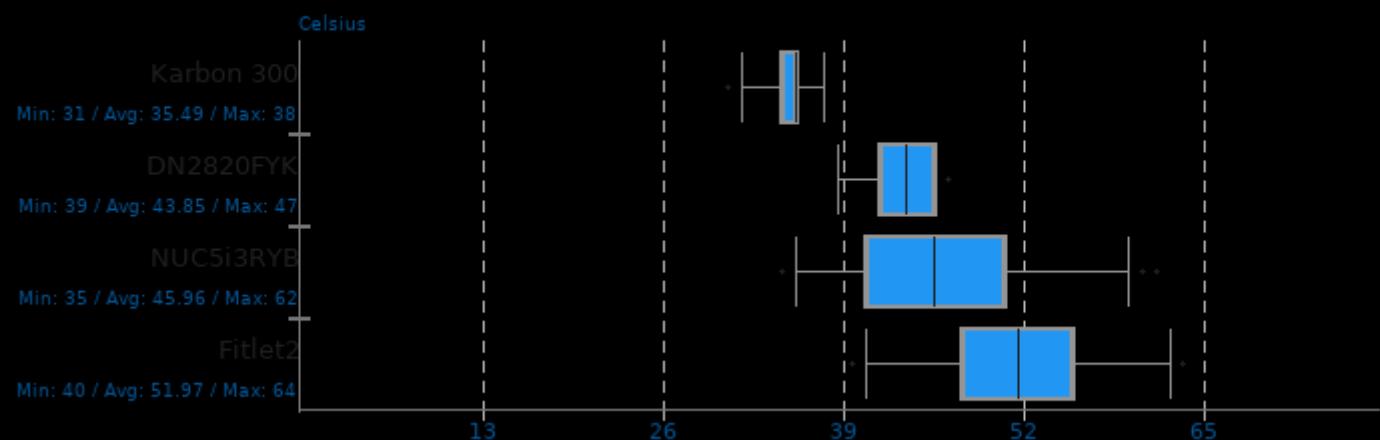
## System Power Consumption Monitor

Phoronix Test Suite System Monitoring



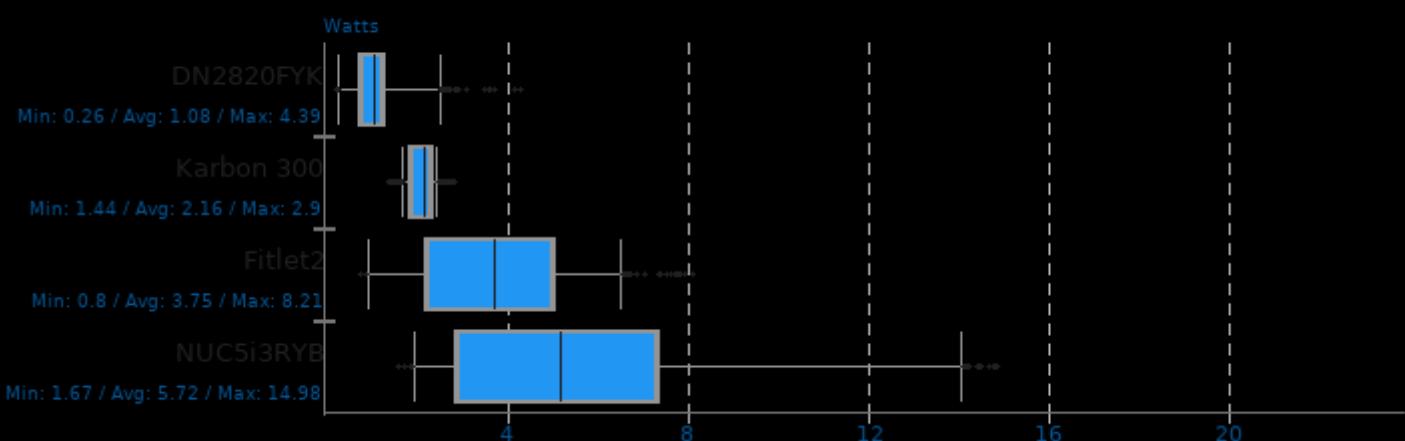
## CPU Temperature Monitor

Phoronix Test Suite System Monitoring



## CPU Power Consumption Monitor

Phoronix Test Suite System Monitoring

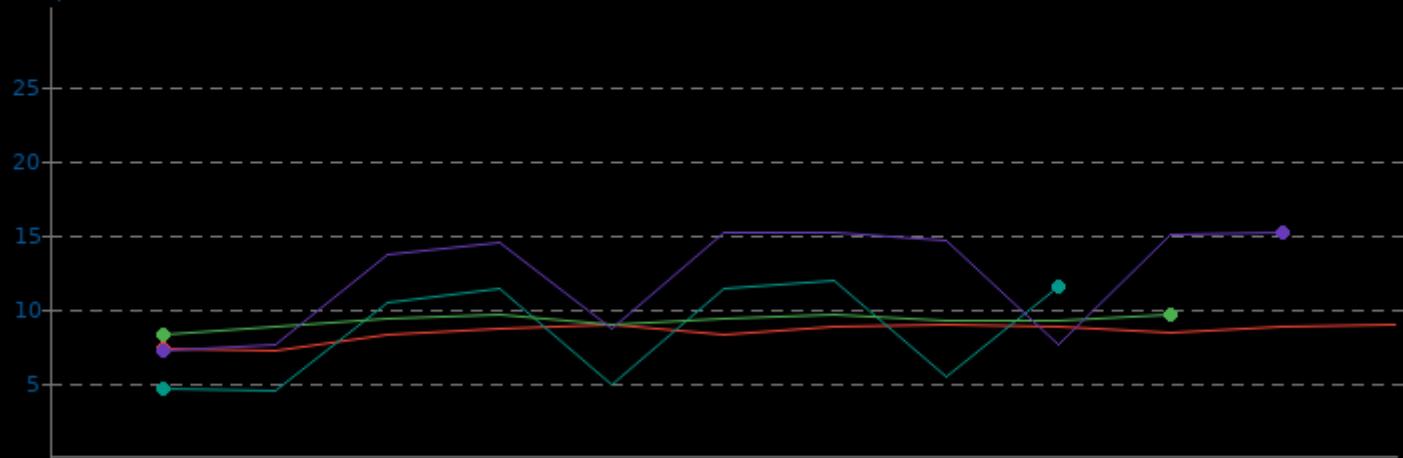


## Go Benchmarks

System Power Consumption Monitor

	Min	Avg	Max		Min	Avg	Max
DN2820FYK	7.2	8.5	9.0	NUC5i3RYB	7.2	12.2	15.1
Fitlet2	4.6	8.5	11.9				
Karbon 300	8.3	9.2	9.7				

▼ Watts, Fewer Is Better

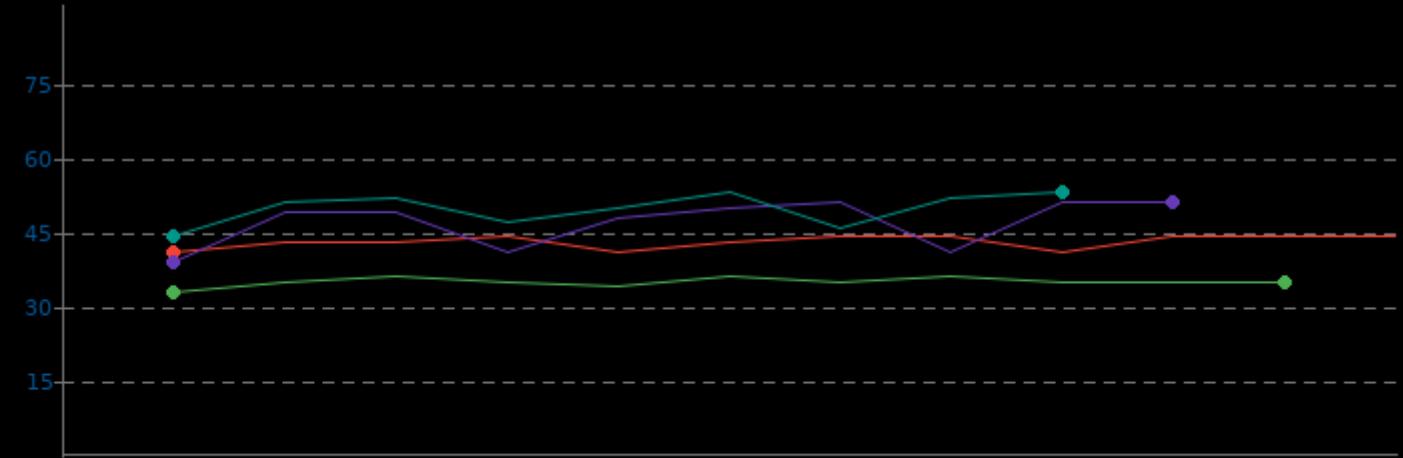


## Go Benchmarks

CPU Temperature Monitor

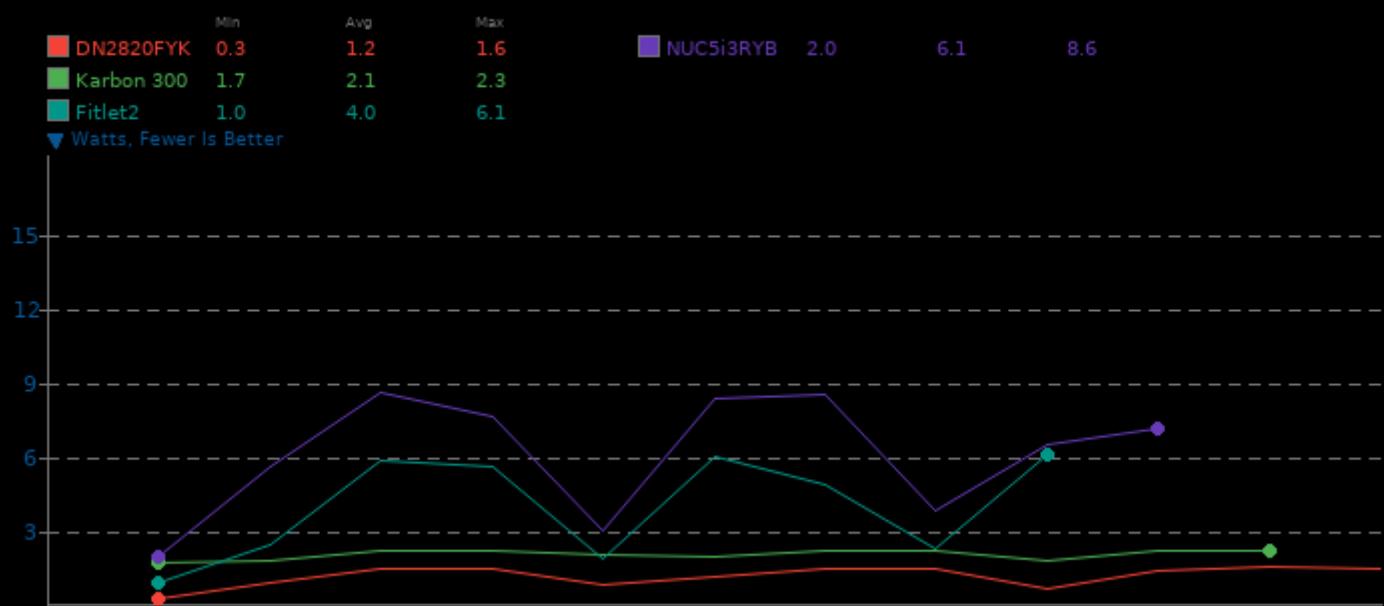
	Min	Avg	Max		Min	Avg	Max
Karbon 300	33.0	35.0	36.0	Fitlet2	44.0	49.8	53.0
DN2820FYK	41.0	43.0	44.0				
NUC5i3RYB	39.0	47.0	51.0				

▼ Celsius, Fewer Is Better



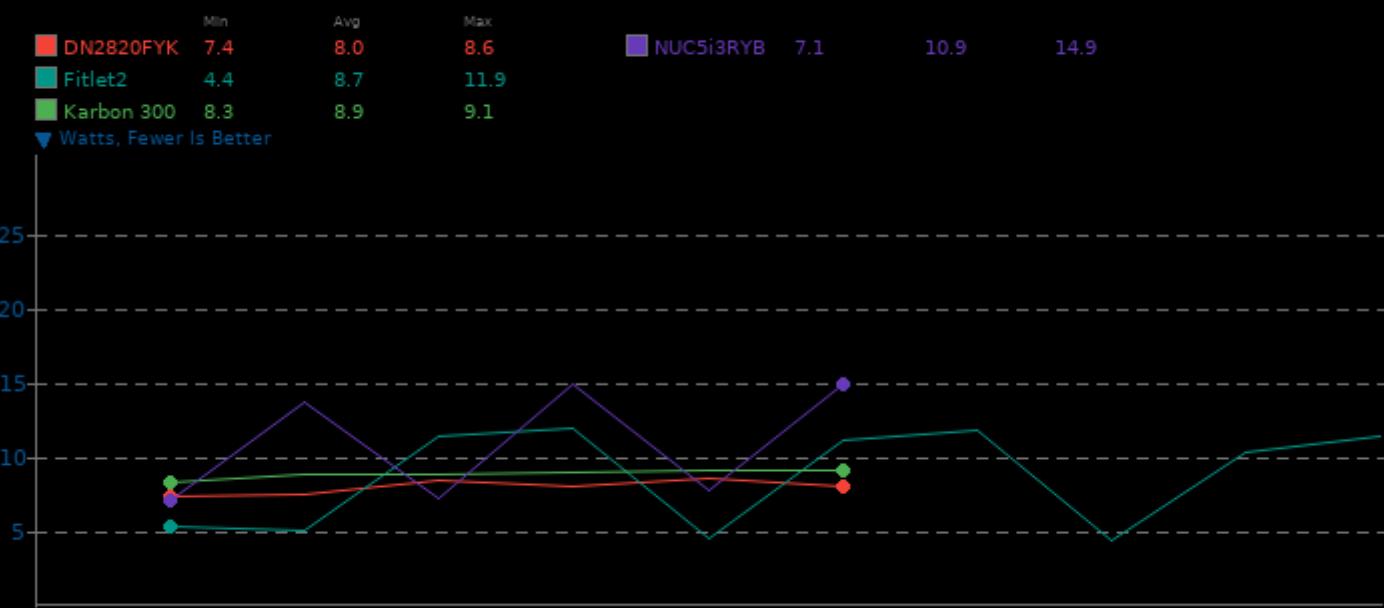
## Go Benchmarks

CPU Power Consumption Monitor



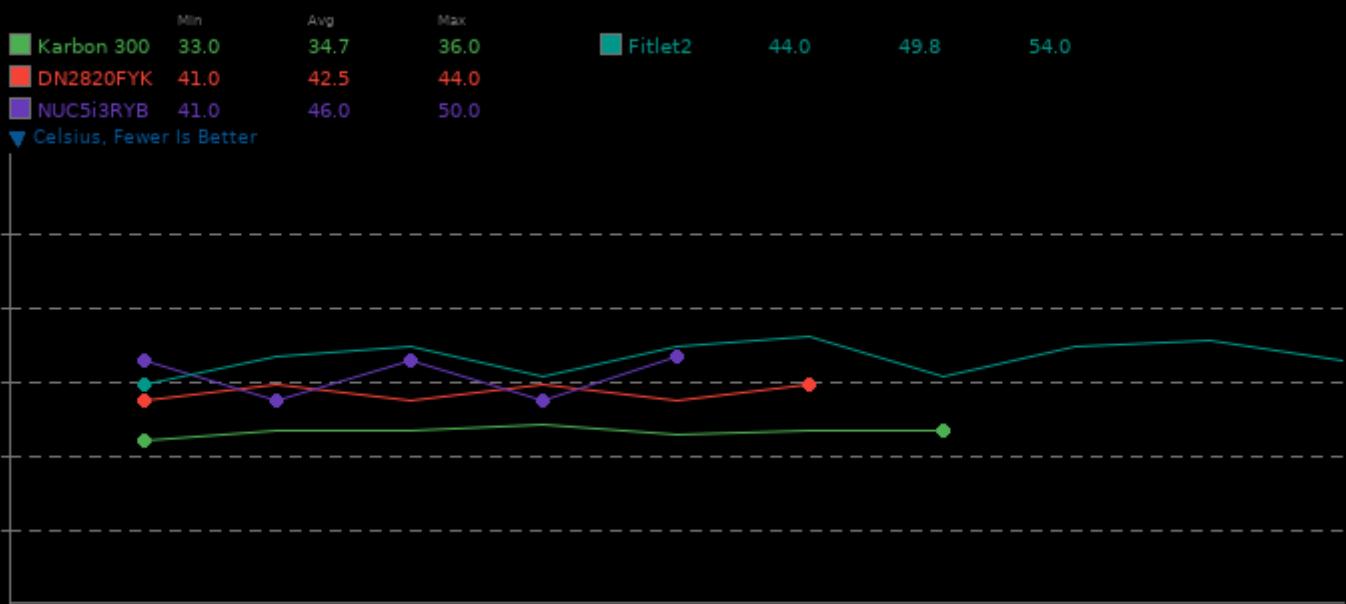
## Go Benchmarks

System Power Consumption Monitor



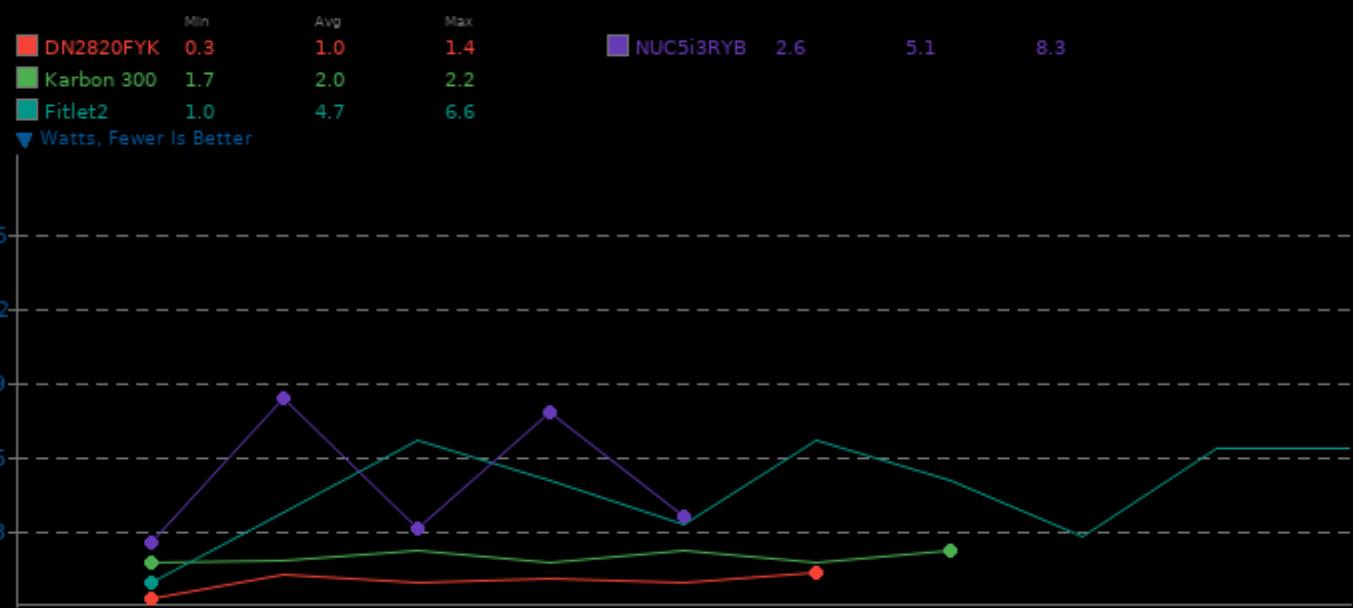
## Go Benchmarks

CPU Temperature Monitor



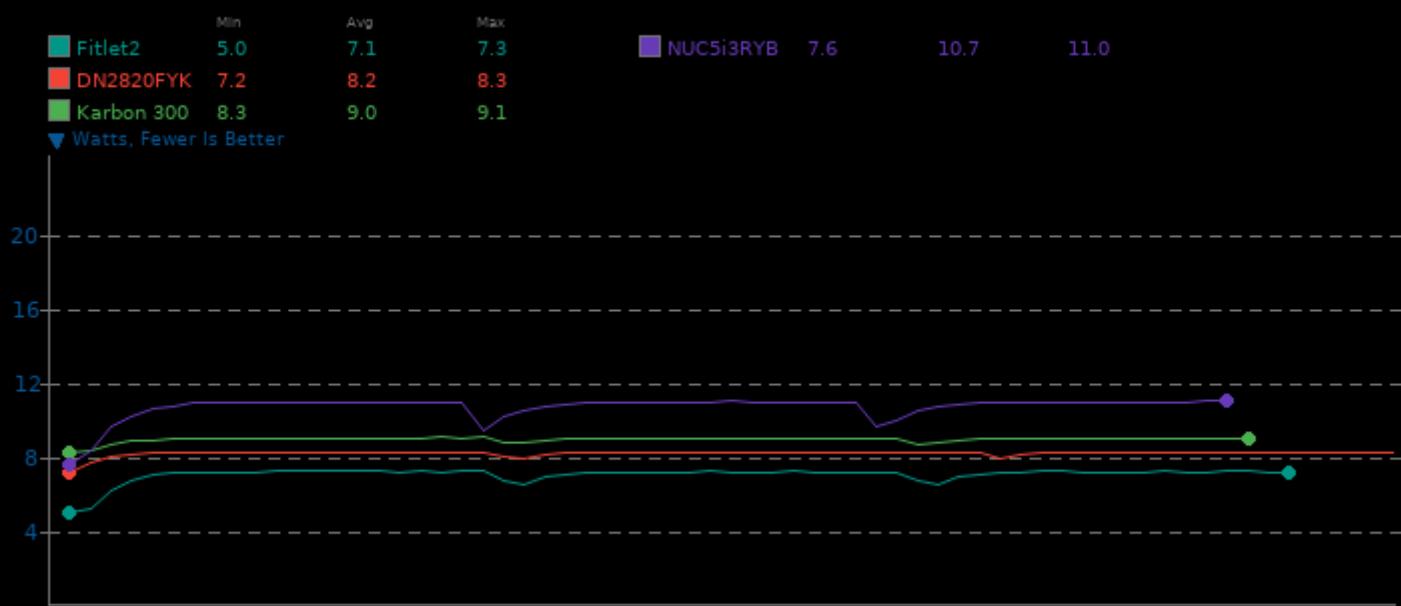
## Go Benchmarks

CPU Power Consumption Monitor



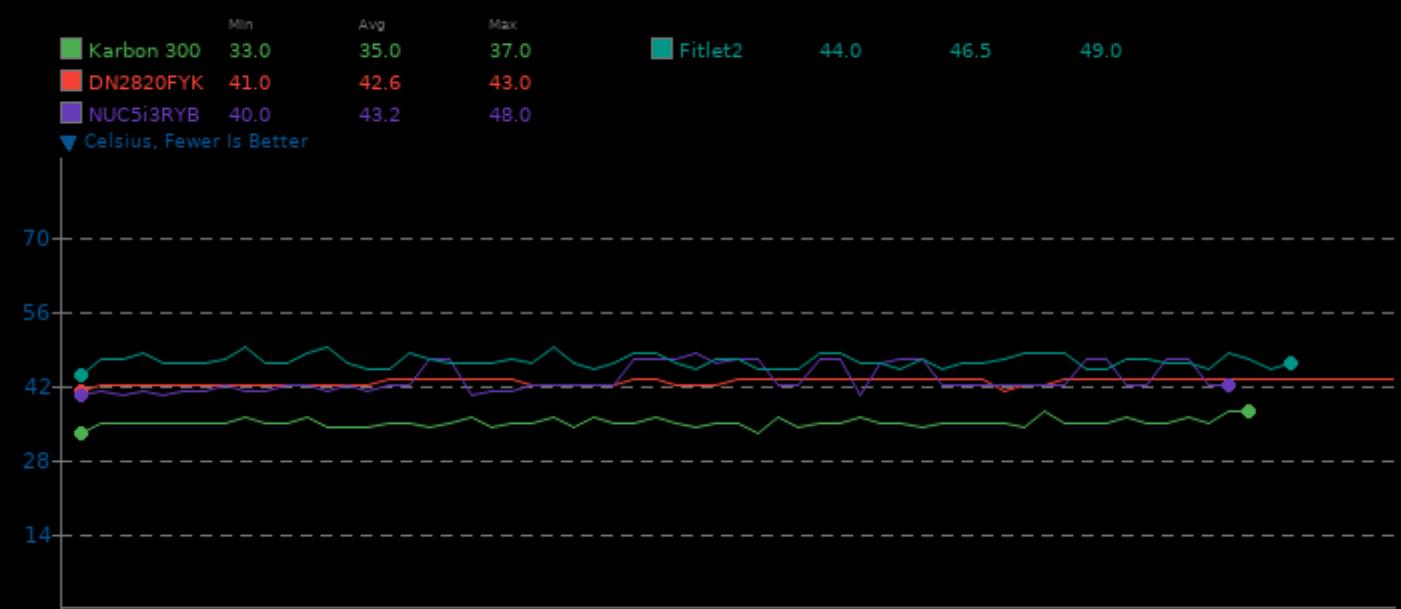
## Perl Benchmarks

System Power Consumption Monitor



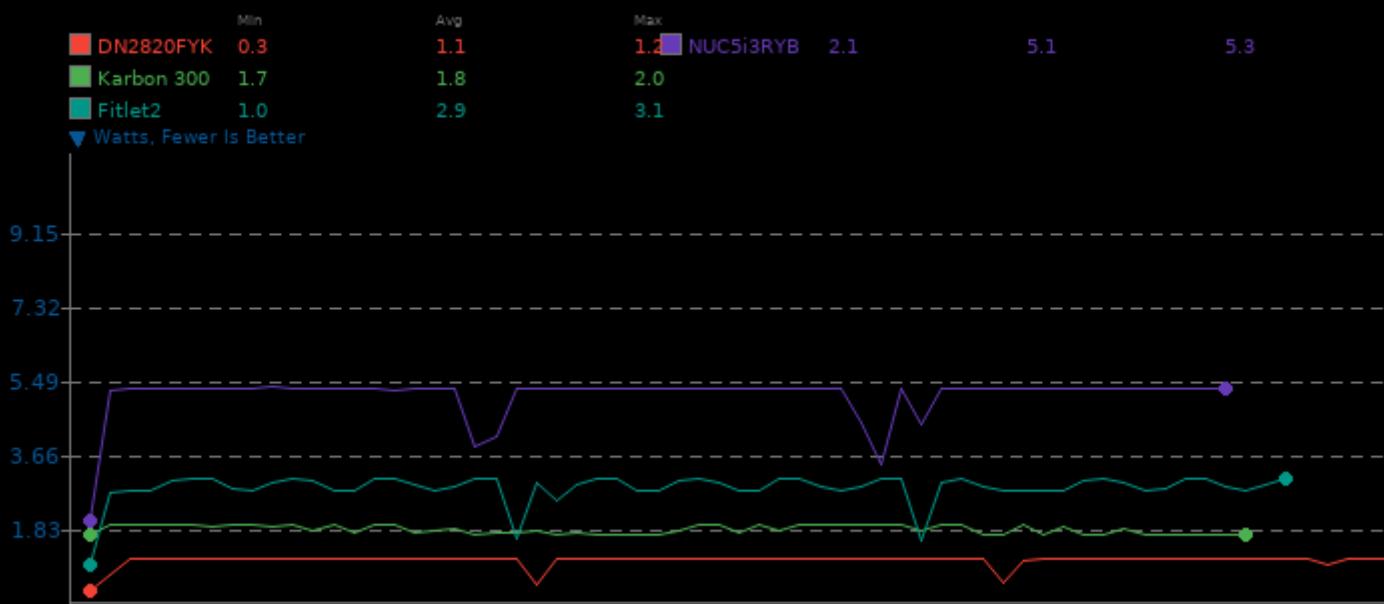
## Perl Benchmarks

CPU Temperature Monitor



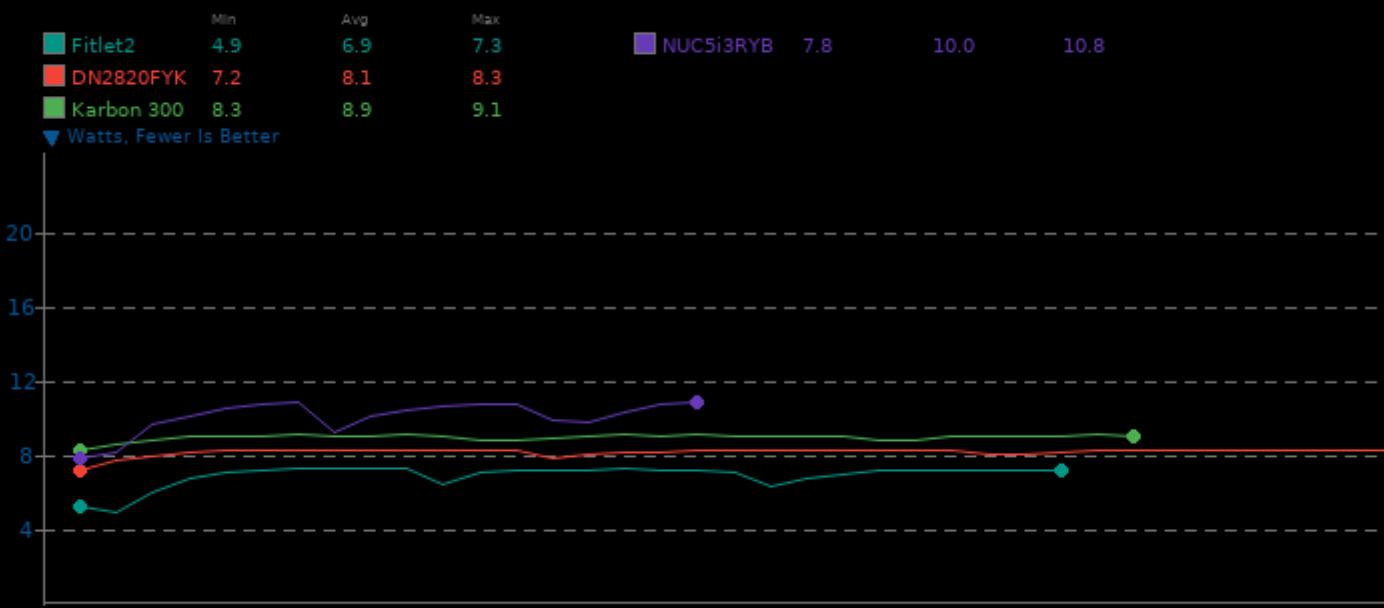
## Perl Benchmarks

CPU Power Consumption Monitor



## PHPBench 0.8.1

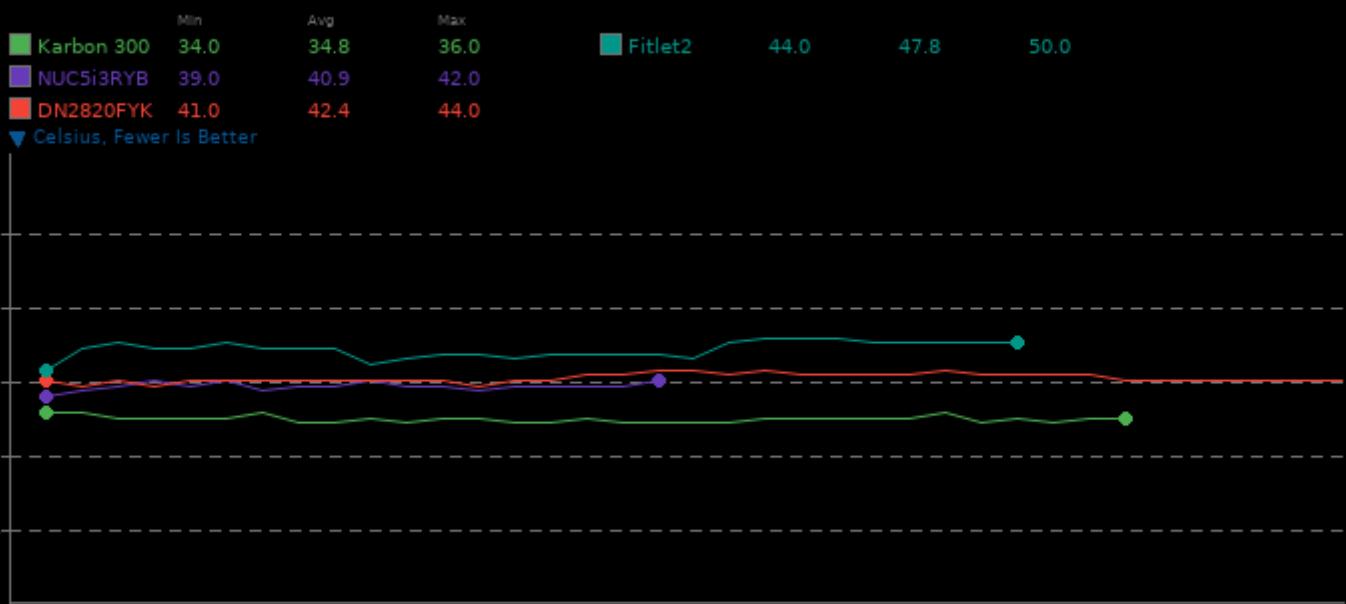
System Power Consumption Monitor



## Atom E3930 Logic Supply Karbon 300 Benchmarks

### PHPBench 0.8.1

CPU Temperature Monitor



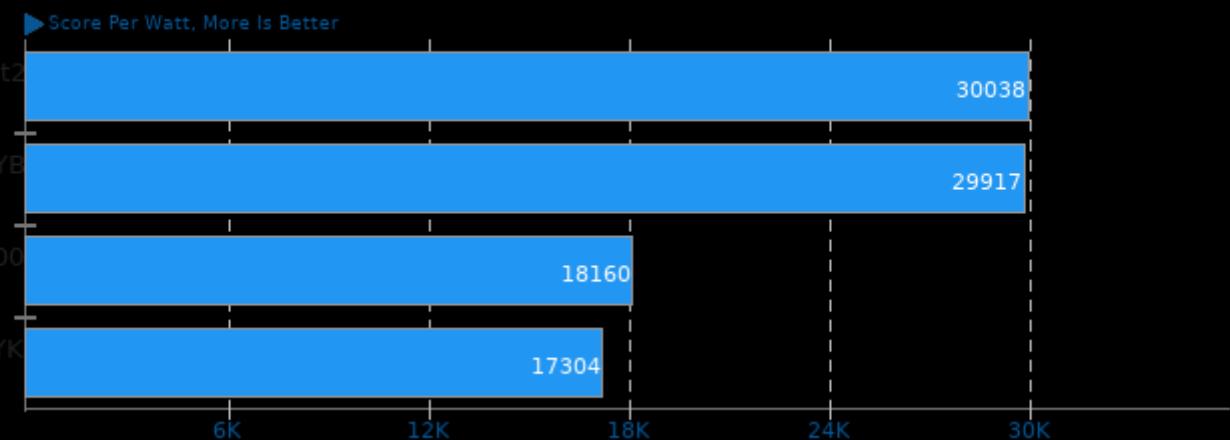
### PHPBench 0.8.1

CPU Power Consumption Monitor



## PHPBench 0.8.1

PHP Benchmark Suite

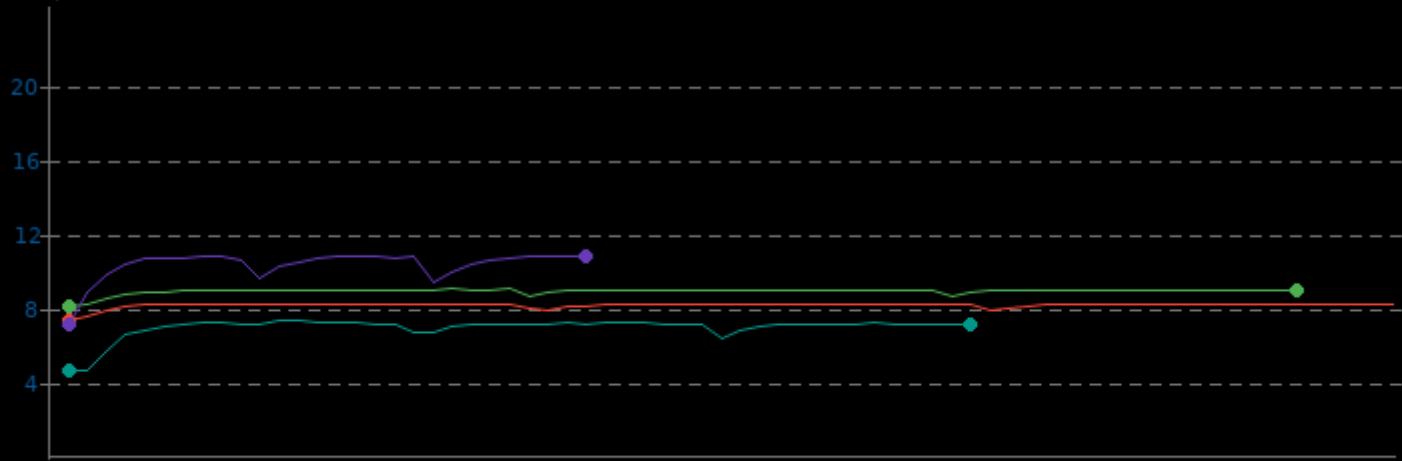


## PyBench 2018-02-16

System Power Consumption Monitor

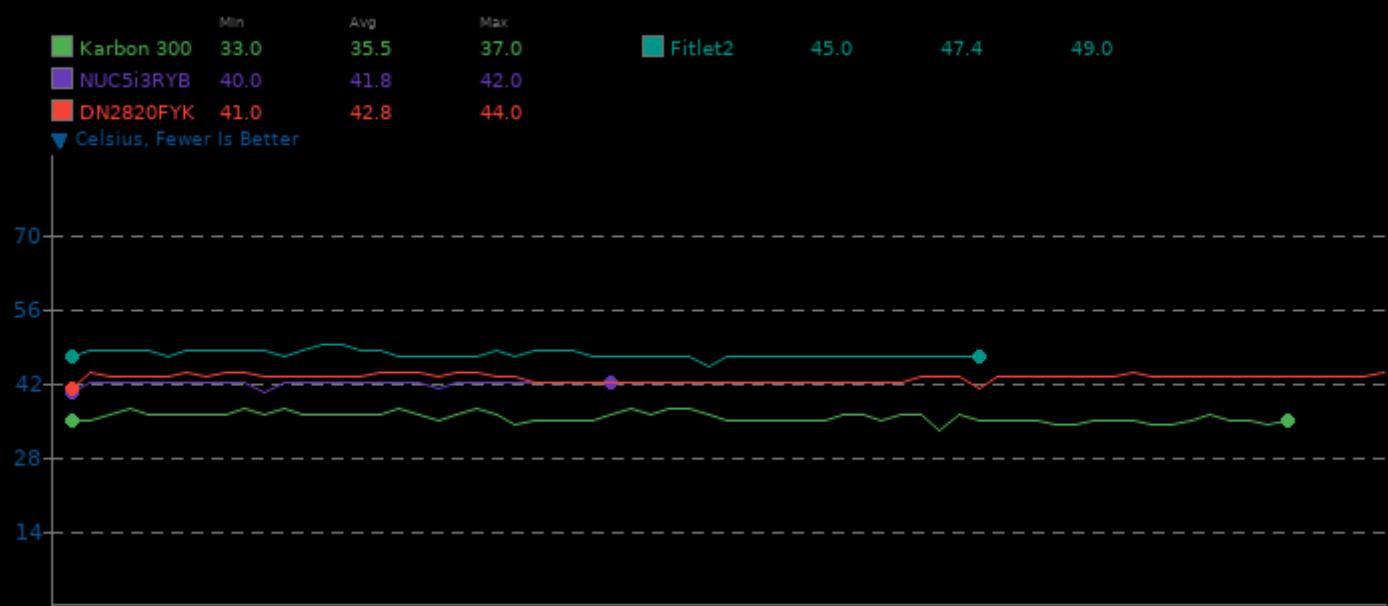
	Min	Avg	Max				
Fitlet2	4.7	7.0	7.4	NUC5i3RYB	7.2	10.4	10.8
DN2820FYK	7.4	8.2	8.3				
Karbon 300	8.1	9.0	9.1				

▼ Watts, Fewer Is Better



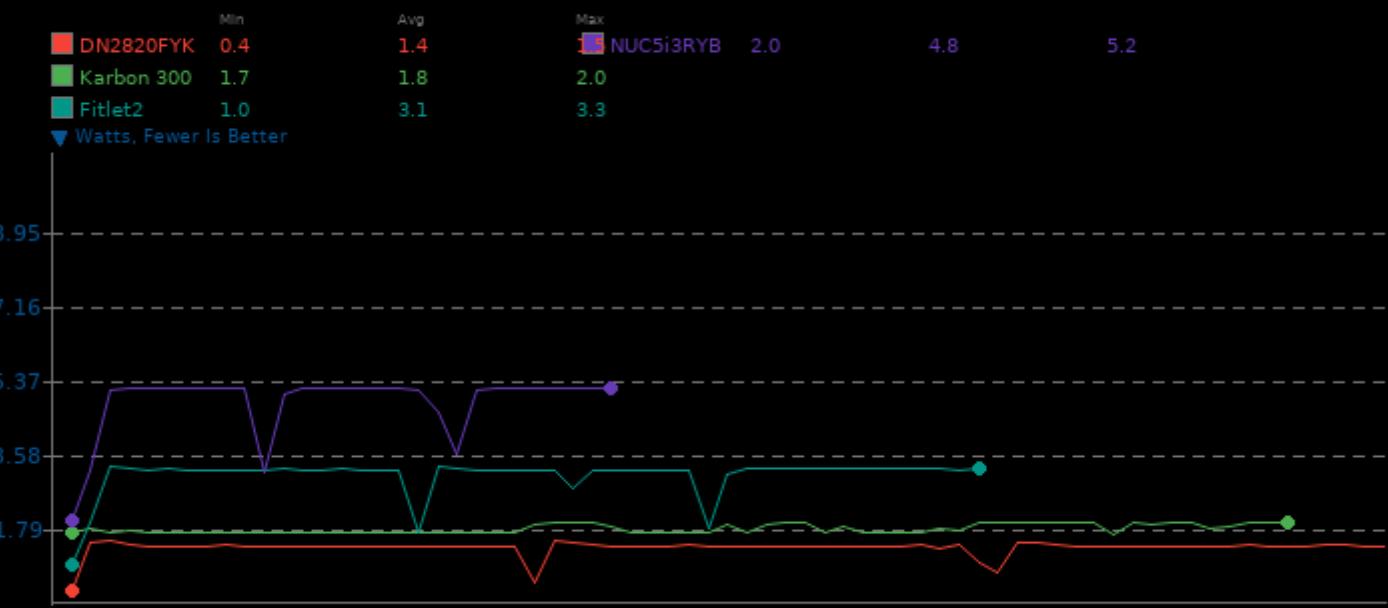
## PyBench 2018-02-16

CPU Temperature Monitor



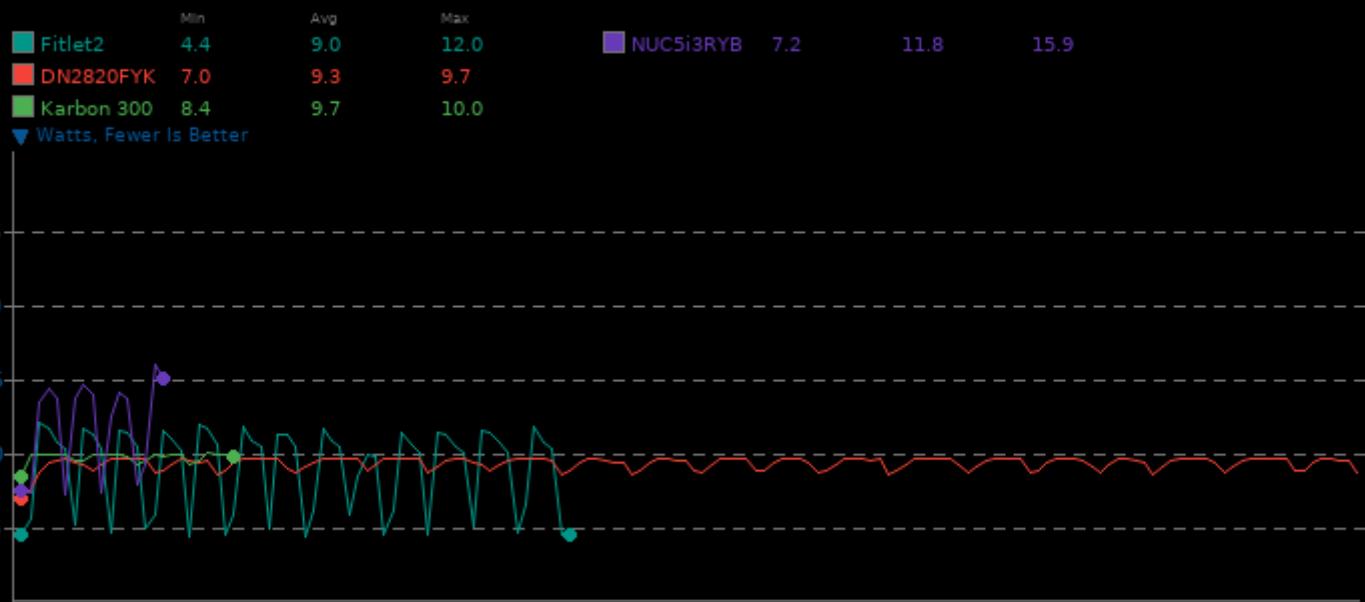
## PyBench 2018-02-16

CPU Power Consumption Monitor



## DaCapo Benchmark 9.12-MR1

System Power Consumption Monitor



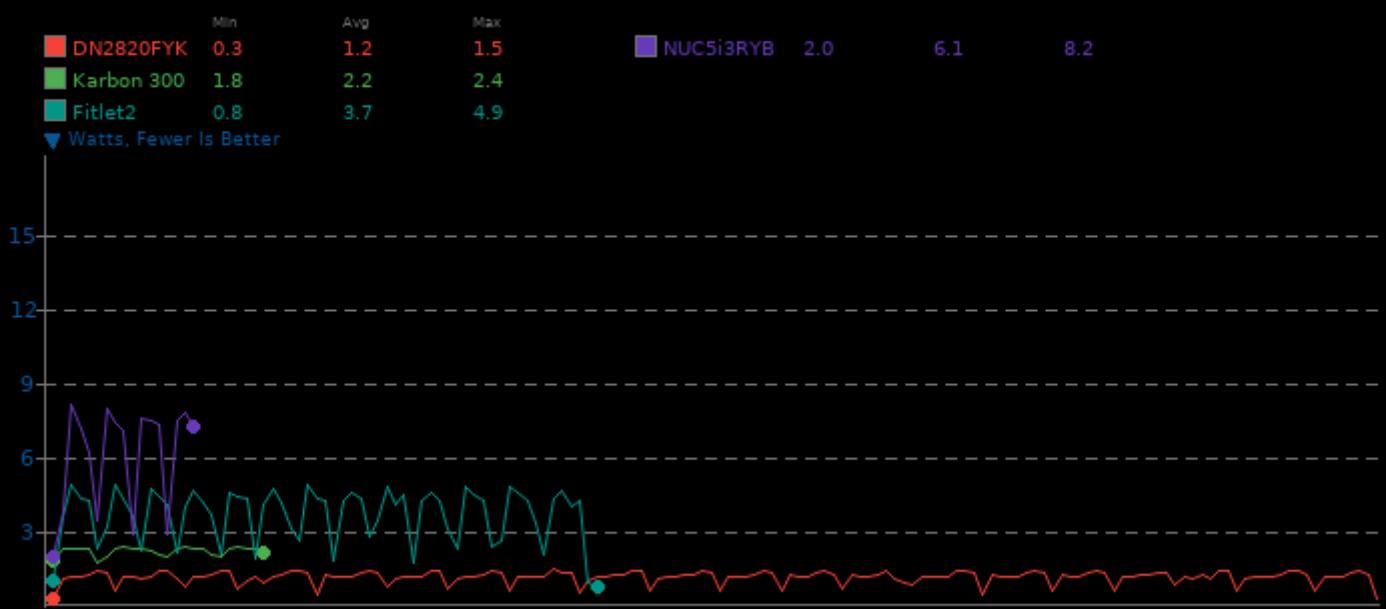
## DaCapo Benchmark 9.12-MR1

CPU Temperature Monitor



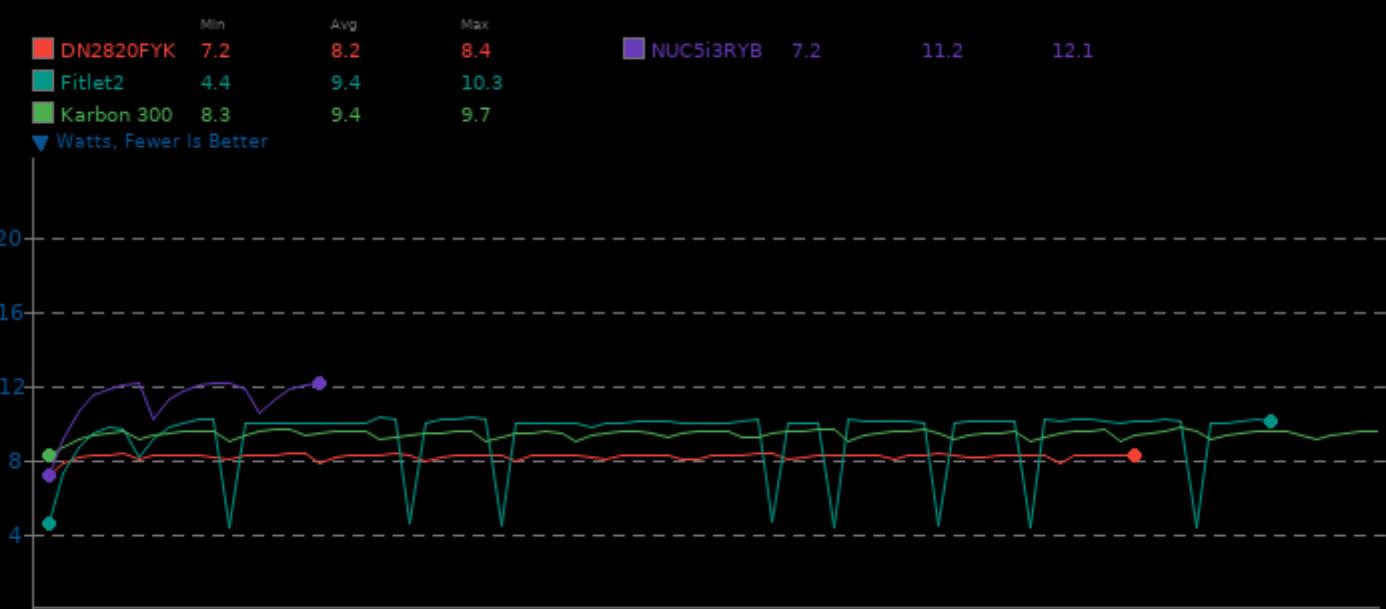
## DaCapo Benchmark 9.12-MR1

CPU Power Consumption Monitor



## Stress-NG 0.07.26

System Power Consumption Monitor



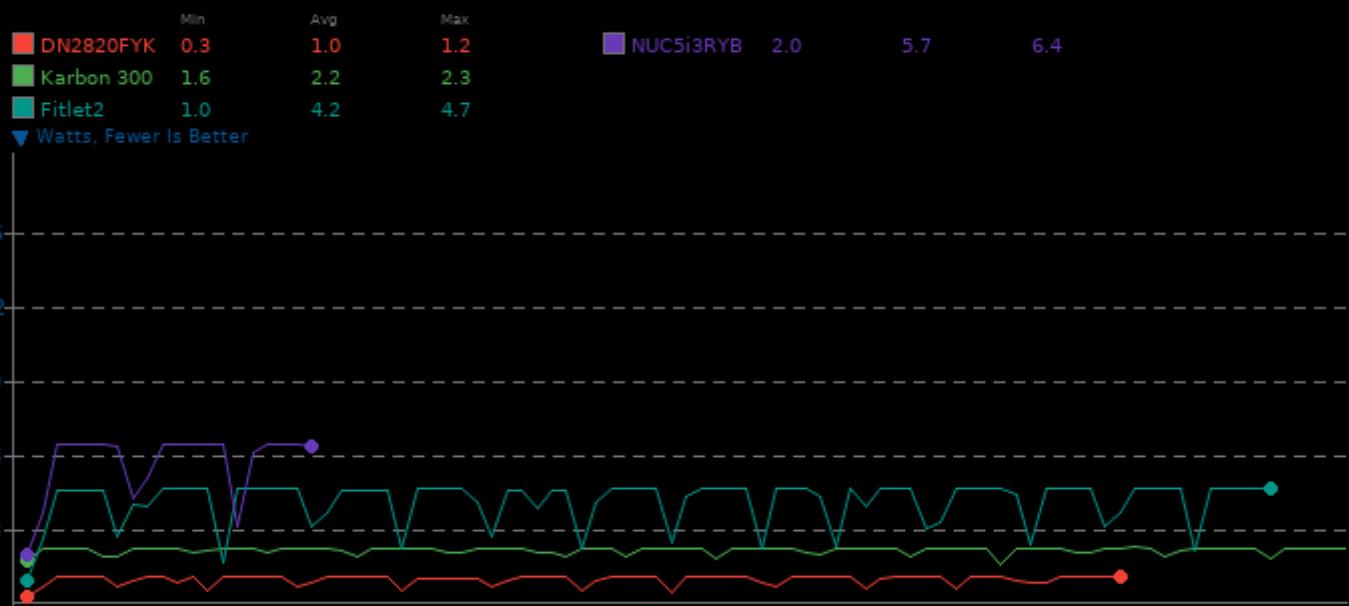
## Stress-NG 0.07.26

CPU Temperature Monitor



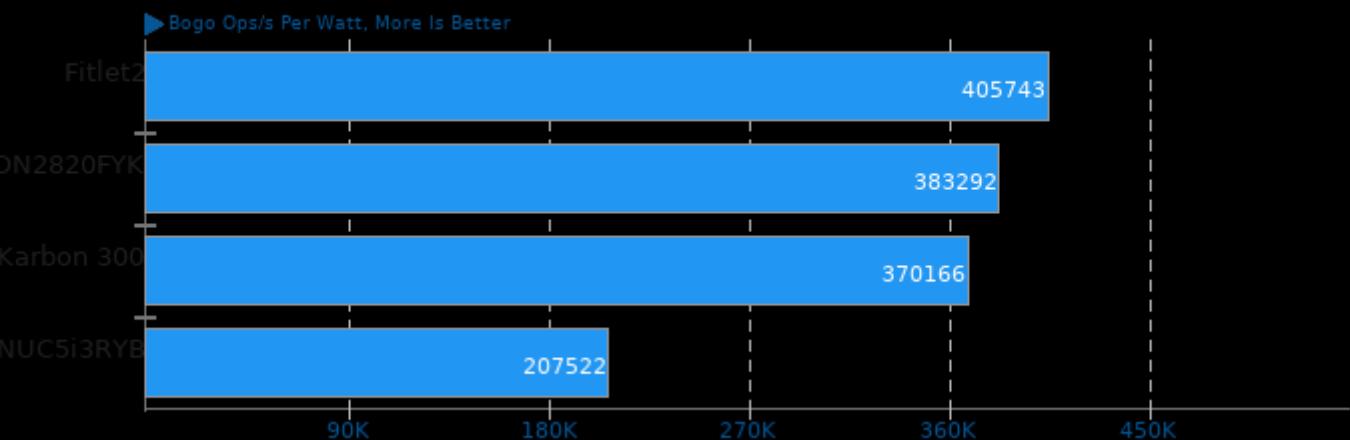
## Stress-NG 0.07.26

CPU Power Consumption Monitor



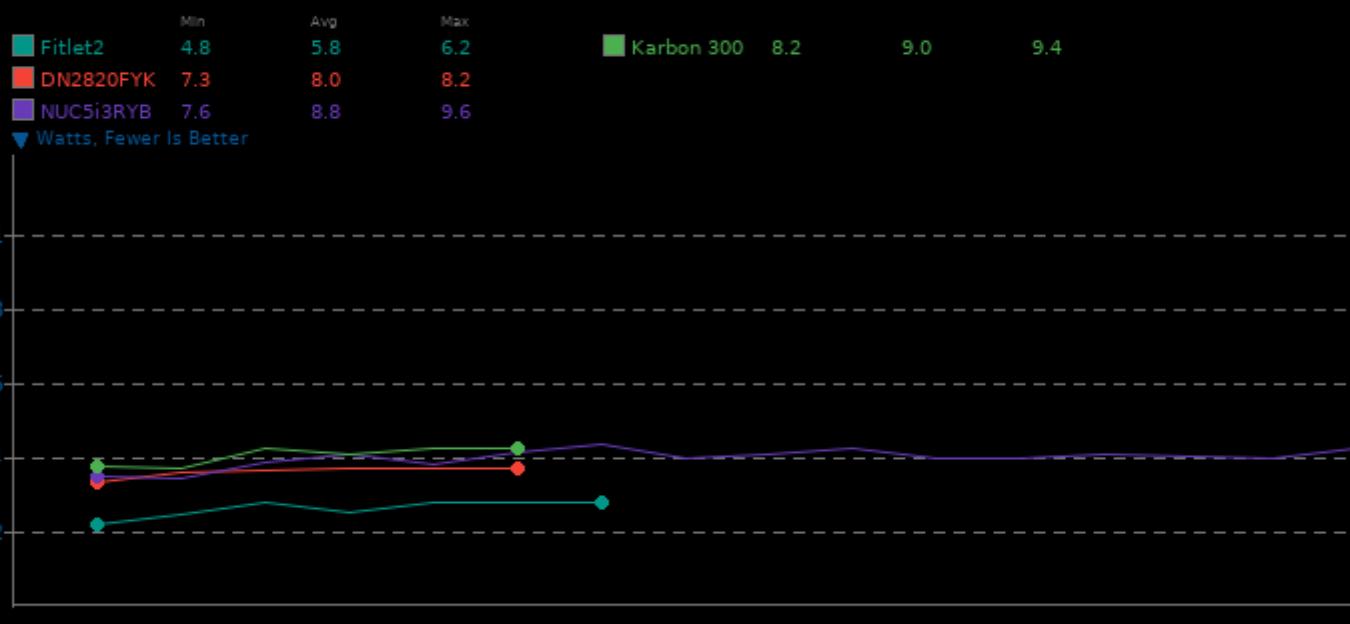
## Stress-NG 0.07.26

Test: Semaphores



## FS-Mark 3.3

System Power Consumption Monitor



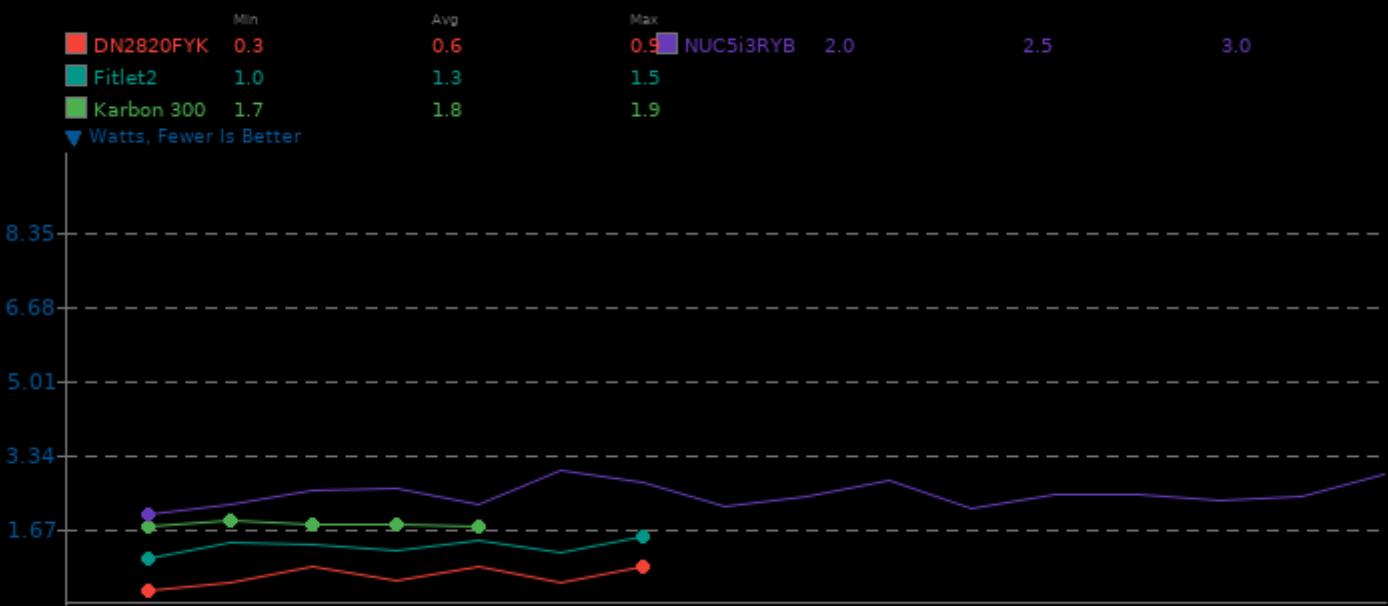
## FS-Mark 3.3

CPU Temperature Monitor



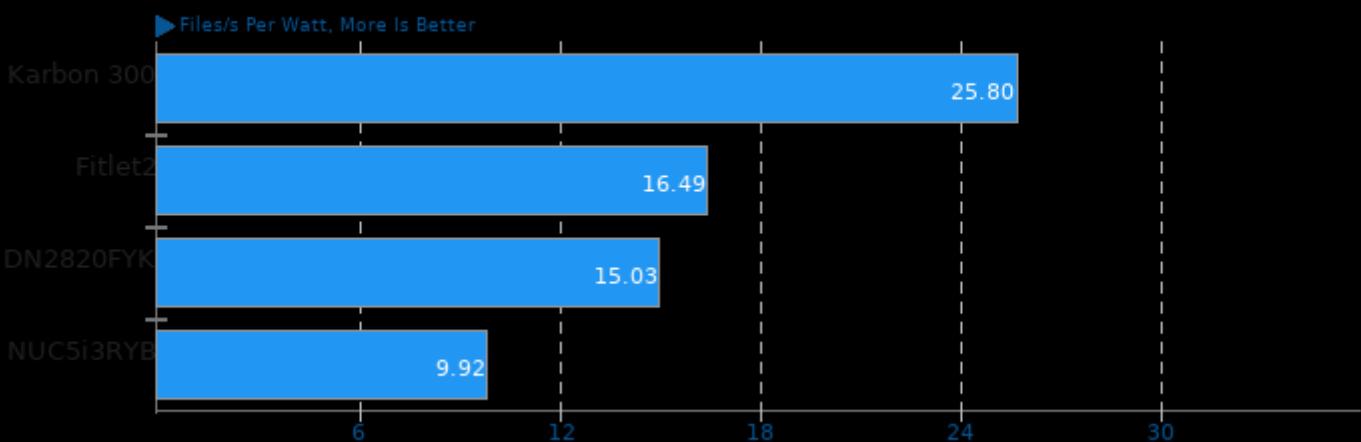
## FS-Mark 3.3

CPU Power Consumption Monitor



## FS-Mark 3.3

Test: 1000 Files, 1MB Size

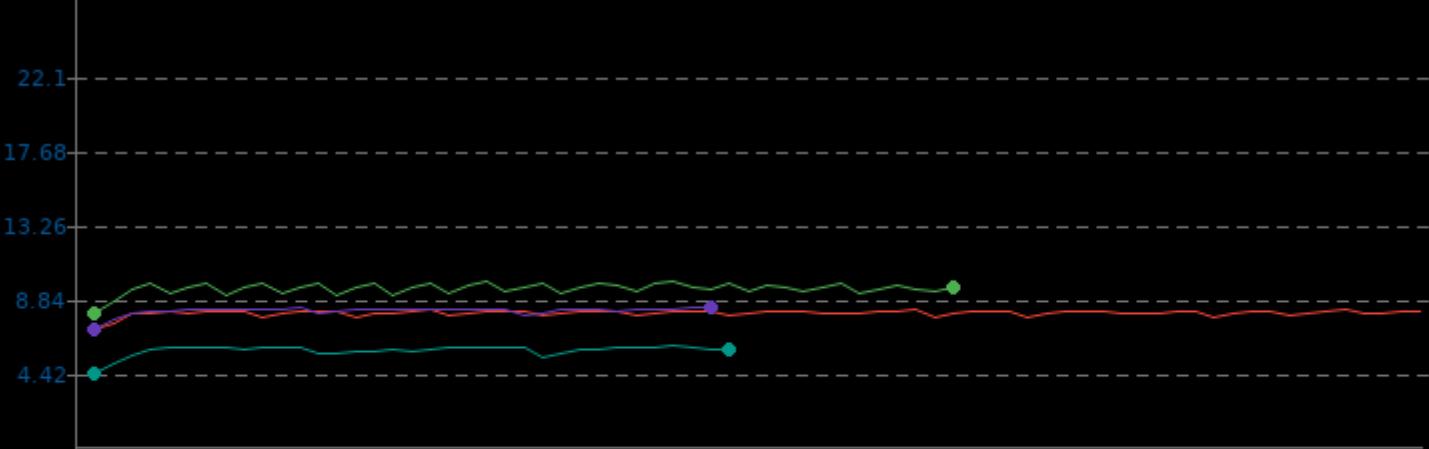


## SQLite 3.22

System Power Consumption Monitor

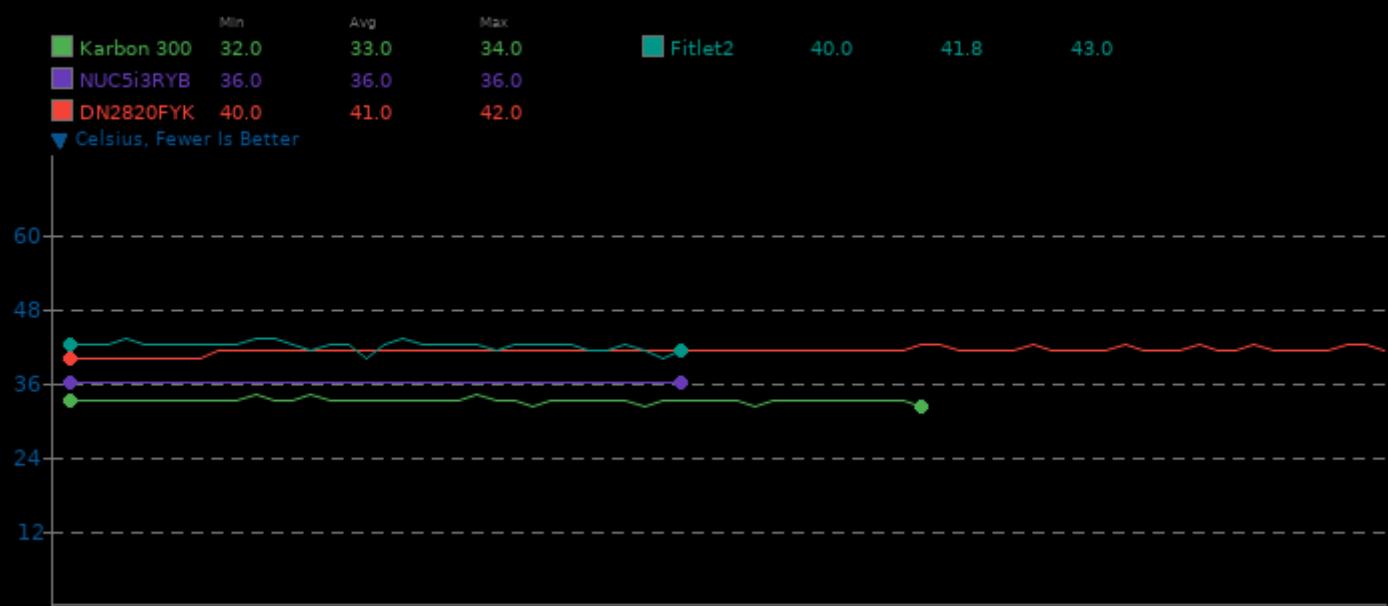
	Min	Avg	Max				
Fitlet2	4.5	5.8	6.1	Karbon 300	8.1	9.5	9.9
DN2820FYK	7.1	8.1	8.3				
NUC5i3RYB	7.1	8.2	8.4				

▼ Watts, Fewer Is Better



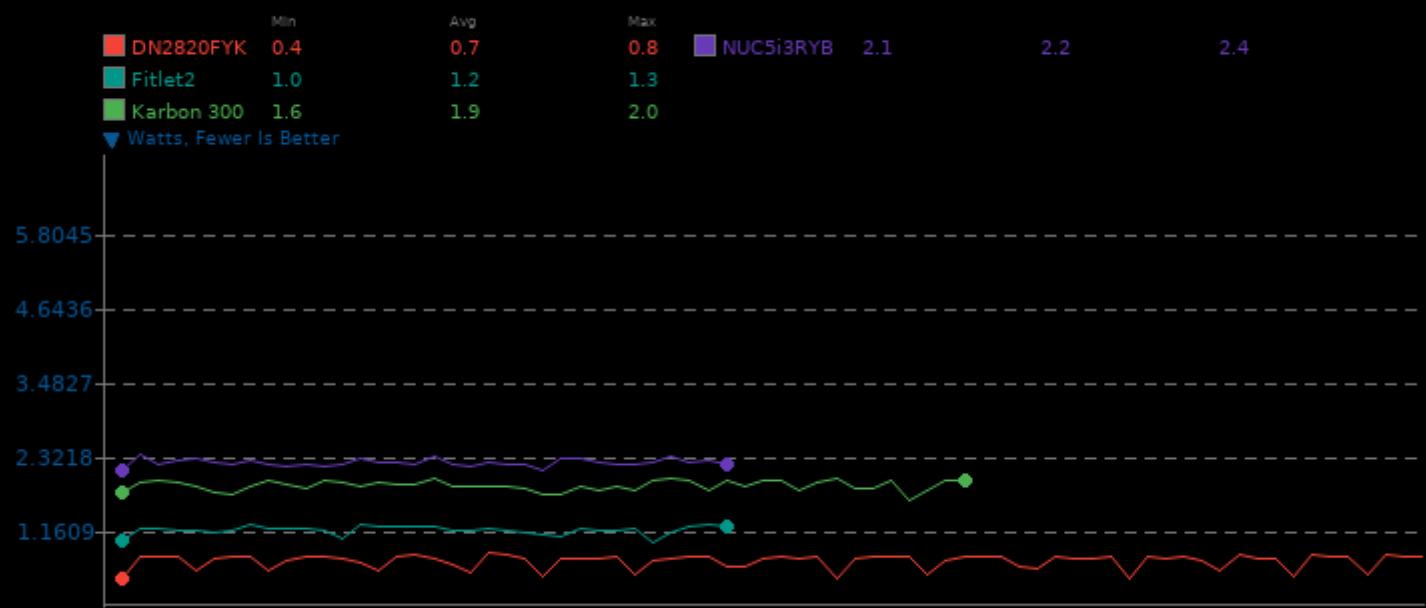
## SQLite 3.22

CPU Temperature Monitor

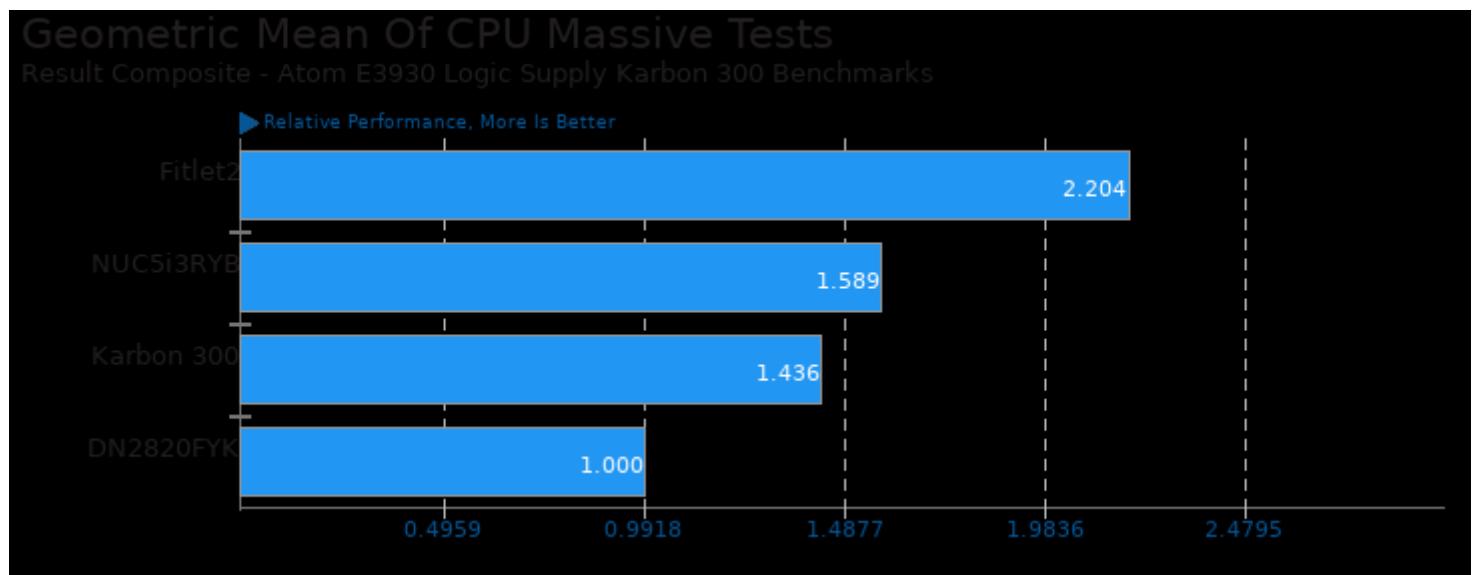


## SQLite 3.22

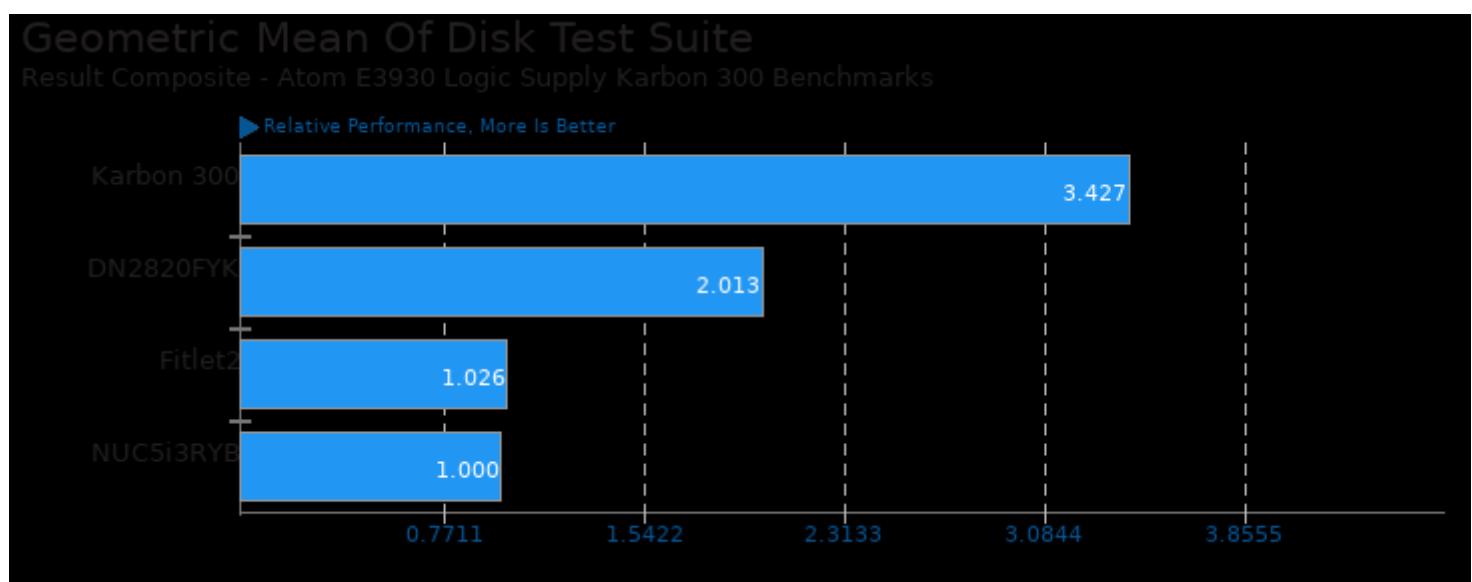
CPU Power Consumption Monitor



These geometric means are based upon test groupings / test suites for this result file.



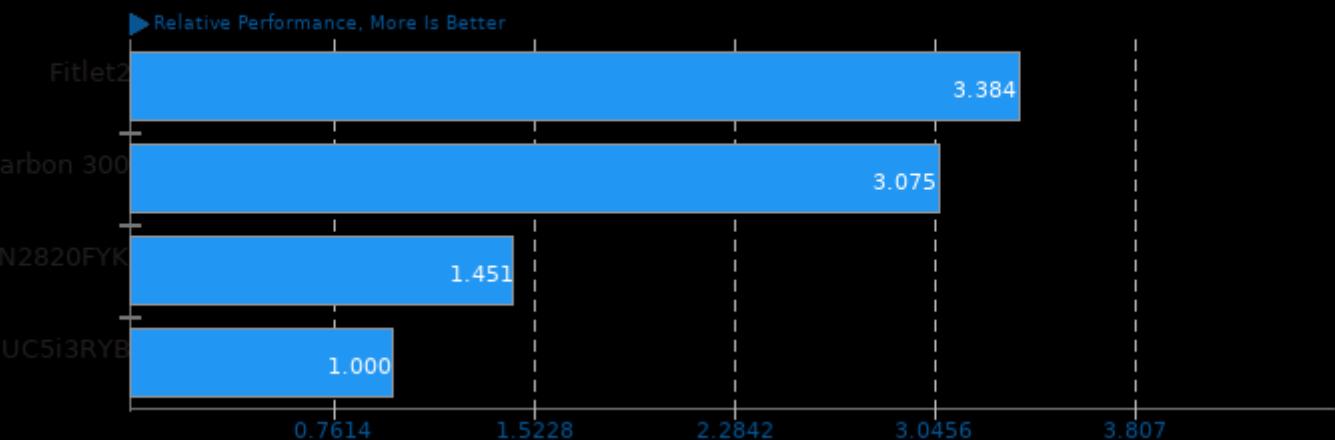
Geometric mean based upon tests: pts/ctx-clock, pts/dacapobench, pts/go-benchmark, pts/phpbench and pts/stress-ng



Geometric mean based upon tests: pts/sqlite and pts/fs-mark

## Geometric Mean Of Common Kernel Benchmarks Tests

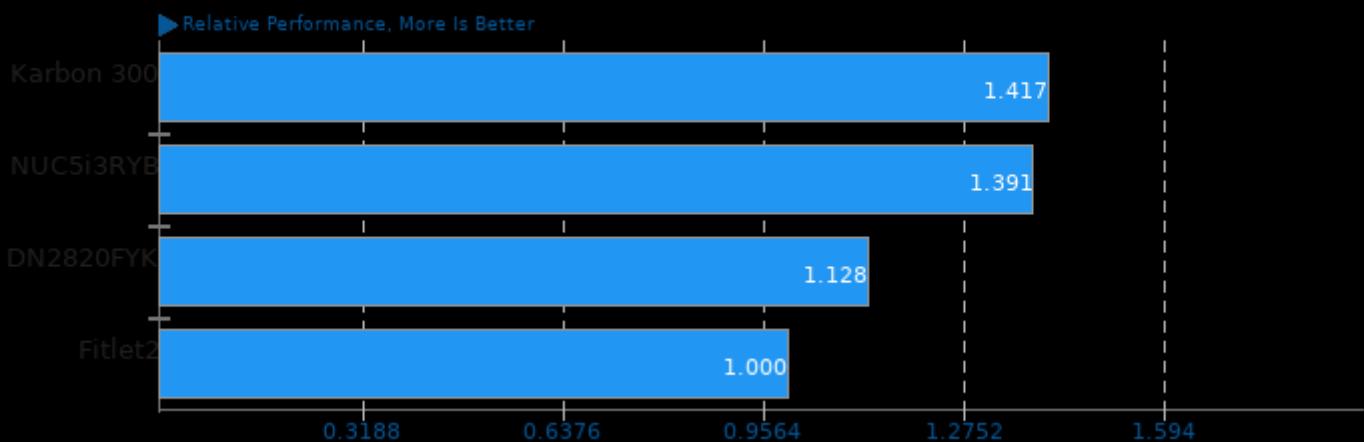
Result Composite - Atom E3930 Logic Supply Karbon 300 Benchmarks



Geometric mean based upon tests: pts/ctx-clock and pts/stress-ng

## Geometric Mean Of Server Tests

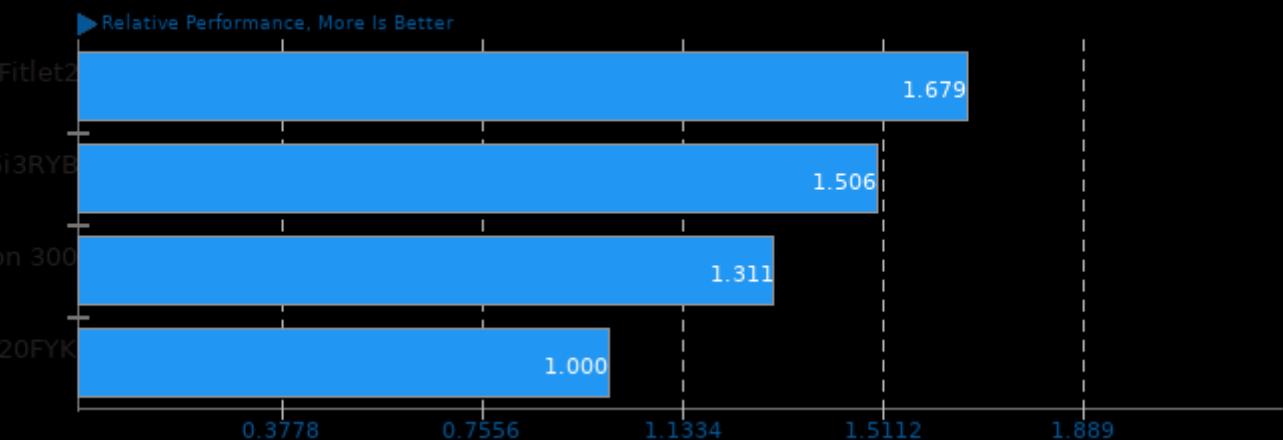
Result Composite - Atom E3930 Logic Supply Karbon 300 Benchmarks



Geometric mean based upon tests: pts/phpbench, pts/perl-benchmark and pts/sqlite

## Geometric Mean Of Server CPU Tests

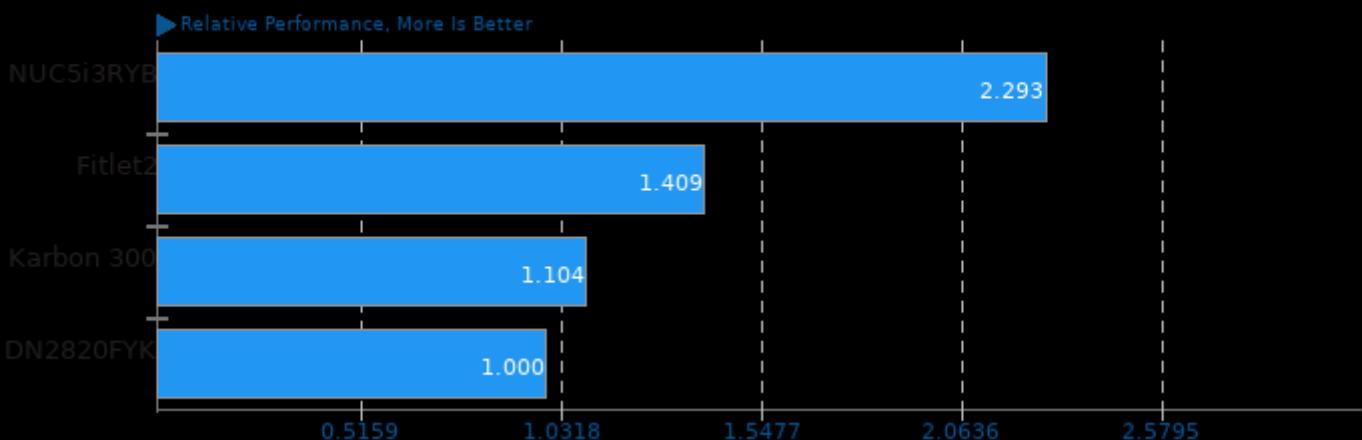
Result Composite - Atom E3930 Logic Supply Karbon 300 Benchmarks



Geometric mean based upon tests: pts/dacapobench, system/gimp, pts/stress-ng, pts/ctx-clock, pts/pybench and pts/phpbench

## Geometric Mean Of Single-Threaded Tests

Result Composite - Atom E3930 Logic Supply Karbon 300 Benchmarks



Geometric mean based upon tests: pts/perl-benchmark, pts/pybench and pts/phpbench

*This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 09:09.*