BogoMips mini–Howto

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BogoMips mini−Howto

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This text gives some information about BogoMips, compiled from various sources such as news and e−mail. This text, initially started back in 1993 as BogoMips Information Sheet, is retrievable in the most up−to−date version from its homepage at www.clifton.nl, and from the various Linux archives in the file .../HOWTO/mini/BogoMips. Translations are reported to be available in Chinese, French, German, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Spanish, and Slovak from appropriate archives. An explanatory article, titled 'the Quintessential Linux Benchmark,' was published in the Linux Journal, vol 21, January 1996. The BogoMips is also explained in The Jargon File. New mini−Howto entries for unlisted CPUs will be highly appreciated. They can be send per e−mail to the author.

1. Lowest and highest BogoMips ratings

- 1.1 The lowest Linux boot sequence BogoMips value
- 1.2 The highest single−CPU Linux boot sequence BogoMips value
- 1.3 The highest multiple−CPU Linux boot sequence BogoMips value
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4. Signature

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1. Lowest and highest BogoMips ratings

The following are the lowest and the highest BogoMips ratings, as reported directly to me, or published on Usenet.

1.1 The lowest Linux boot sequence BogoMips value

- Tim Van der Linden, `timvdl@innet.be`
- Intel 8088, at 4.77 MHz, ELKS
- 0.02 BogoMips

1.2 The highest single−CPU Linux boot sequence BogoMips value

- Jeffrey Esquivel, `jeroot@angloamericano.ed.cr`
- Intel Pentium 4, at 1700 MHz
- 3407.87 BogoMips

1.3 The highest multiple−CPU Linux boot sequence BogoMips value

- Dan Kirkpatrick, `dkirk@physics.syr.edu`
- 102 CPU Beowulf of Pentium IIIs, at 1000MHz
- 203862.30 BogoMips

1.4 The highest non−Linux BogoMips value

- `omega@sequent.com`
- Sequent Numa−Q, 32 Pentium CPUs at 180MHz
- Dynix operating system
- 3776.00 BogoMips

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2. The frequently asked questions about BogoMips

Several authors have contributed to my knowledge of BogoMips. In this place, I would like to thank them highly.

2.1 What are BogoMips

Quoted from the Internet, origin unknown but brought to the attention by Eric S Raymond `esr@thyrsus.com`, and Geoff Mackenzie `freon@dialstart.net`, there is an humourously illustrative definition of BogoMips as "the number of million times per second a processor can do absolutely nothing."

On a more precise basis, from Lars Wirzenius' `wirzeniu@kruuna.Helsinki.FI` mail of 9 September 1993, explaining Bogomips, with additional detailed information by Alessandro Rubini, `rubini@norgana.systemy.it`, and by Wim van Dorst:

> `MIPS is short for Millions of Instructions Per Second. It is a measure for the computation speed of a program. Like most such measures, it is more often abused than used properly (it is very difficult to justly compare MIPS for different kinds of computers).
>
> BogoMips are Linus's invention. The kernel (or was it a device driver?) needs a timing loop (the time is too short and/or needs to be too exact for a non−busy−loop method of waiting), which must be calibrated to the processor speed of the machine. Hence, the kernel measures at boot time how fast a certain kind of busy loop runs on a computer. "Bogo" comes from "bogus", i.e, something which is a fake. Hence, the BogoMips value gives some indication of the processor speed, but it is way too unscientific to be called anything but BogoMips.
>
> The reasons (there are two) it is printed during boot−up is that a) it is slightly useful for debugging and for checking that the computers caches and turbo button work, and b) Linus loves to chuckle when he sees confused people on the news.'

BogoMips are being determined in `/usr/src/linux/init/main.c` (simple C algorithm, with a nice example of floating point arithmetic within the fully integer kernel), and the pertaining kernel variable `loops_per_sec` is used in several drivers for more serious purpose. The actual delay function `udelay()` is in assembler, and therefore each port has its own definition in `/include/asm/delay.h`. The `loops_per_sec` variable and the `udelay()` function are used in numerous drivers, see:

```
cd /usr/src/linux #or where else source is located
find . −name '*.[hcS]' −exec fgrep loops_per_sec {} /dev/null \;
find . −name '*.[hcS]' −exec fgrep udelay {} /dev/null \;
```

The BogoMips calculation loop for the non Intel CPUs is similar but not the same, because it is programmed in another assembler language. BogoMips is however the only portable way over the various CPUs (Intel−type and non Intel−type) for getting an indication of the CPU speed. Even CPU clock speed is not available on all CPUs.

2.2 How to estimate what the proper BogoMips rating should be

From a initiative by Ian Jackson, ijackson@nyx.cs.du.edu, and Przemek Klosowski, much updated and expanded by Wim van Dorst for current data, as listed below:

As a very approximate guide, the BogoMips can be calculated by:

System	BogoMips	Comparison
Intel 8088	clock * 0.004	0.02
Intel/AMD 386SX	clock * 0.14	0.8
Intel/AMD 386DX	clock * 0.18	1 (definition)
Motorola 68030	clock * 0.25	1.4
Cyrix/IBM 486	clock * 0.34	1.8
Intel Pentium	clock * 0.40	2.2
Intel 486	clock * 0.50	2.8
AMD 5x86	clock * 0.50	2.8
Mips R4000/R4400	clock * 0.50	2.8
Motorola 68040	clock * 0.67	3.7
PowerPC 603	clock * 0.67	3.7
Nexgen Nx586	clock * 0.75	4.2
PowerPC 601	clock * 0.84	4.7
Alpha 21064/21064A	clock * 0.99	5.5
Alpha 21066/21066A	clock * 0.99	5.5
Alpha 21164/21164A	clock * 0.99	5.5
Intel Pentium Pro	clock * 0.99	5.5
Cyrix 5x86/6x86	clock * 1.00	5.6
Intel Pentium II/III	clock * 1.00	5.6
AMD K7/Athlon	clock * 1.00	5.6
Intel Celeron	clock * 1.00	5.6
Intel Itanium	clock * 1.00	5.6
Mips R4600	clock * 1.00	5.6
Alpha 21264	clock * 1.99	11.1
AMD K5/K6/K6-2/K6-III	clock * 2.00	11.1
AMD Duron	clock * 2.00	11.1
UltraSparc II	clock * 2.00	11.1
Pentium MMX	clock * 2.00	11.1
Pentium 4	clock * 2.00	11.1
Centaur C6-2	clock * 2.00	11.1
PowerPC 604/604e/750	clock * 2.00	11.1
Motorola 68060	clock * 2.01	11.2
IBM S390	not enough data (yet)	

Note that the BogoMips calculation loop does not take full advantage of the parallelism of various processors, such as the Intel Pentium and the Alpha 21164. Also read the section on 'New BogoMips algorithm?' below, since for some of these CPUs recent kernels may give different data.

2.3 How to determine what the current BogoMips rating is

There are three methods to determine the current BogoMips, viz.

1. looking in /proc/cpuinfo, e.g., with `cat /proc/cpuinfo`. This method is highly preferred above the alternatives.
2. looking in the syslog output to see what was printed there during booting. If you're lucky the information may still be on the booting virtual console (if necessary, switch to it with the Alt–F1 key combination), otherwise you can retrieve the information explicitly with dmesg or syslogk. This alternative gives accurate information but is more work.

3. using the standalone bogomips program. This is only recommended for non−Linux system, for reasons pointed out below.

A non−determinative alternative, which is also applicable for non−Linux systems such as Crays and so, may be a standalone BogoMips program. Two versions are currently available, one from Jeff Tranter, `jeff_tranter@mitel.com`, and one from Darrick Wong `djwong@thibs.menloschool.org`. From Jeff's readme file:

> `Tired of rebooting your system so you can see how many BogoMips it's running at today? [...] "Bogomips" is a standalone program that displays your system performance using one of the world's most recognized benchmarks. It uses the same code that is used in the Linux kernel while booting, but runs as a user program. [...] Version 1.3 of BogoMips is now portable and should run on any system that supports an ANSI C compiler and library.'

Note that due to system load values calculated with a standalone program on Linux systems may be quite different from registered in the list below. Intrinsically a standalone program cannot give precisely similar information to the boot sequence BogoMips, since system load will compete with the program run by an ordinary user. Therefore only boot sequence BogoMips ratings are listed below.

Be aware that Jeff's file `sunsite.unc.edu:/pub/Linux/system/status/bogo−1.2.tar.gz/` contains the latest version 1.3 (sic), which is yet rather outdated. Alternatively, check out Darrick's program on `http://thibs.menloschool.org/~djwong/programs/bogomips/`.

2.4 Variations in BogoMips rating

From Linus Torvalds, `torvalds@cc.helsinki.fi`, explaining about the variation one may see in the BogoMips rating, in c.o.l.development, at 28 April 1994

> `The BogoMips calculation loop is "quantizised", so you're most likely to get the exact same number all the time. You usually will get different numbers only if the speed is just on the "edge", when small variations (different time for interrupt ticks etc) will make it jump from one value to the other.'

If a kernel is not compiled specifically for the pertaining CPU, also some (even large) variations of the BogoMips ratings can occur, mainly due to erroneous alignment. This problem apparently only occurs on the various x86 CPUs (Intel and clones). Fortunately it can easily be solved: recompile the kernel specifically for your CPU.

2.5 New BogoMips algorithm?

No, the BogoMips algorithm, contrarily to popular believe, did NOT change over the various kernel versions. Furthermore, it is intrinsically the same for all CPUs of all makes.

What did change in kernel version 2.2.14 is the CPU state setting just before the BogoMips calculation. This affects the BogoMips rating for all Intel and AMD Pentium variations, resulting in approximately 2*clock, where these were not 2*clock.

The entries based on these upgraded kernel versions for CPUs where this change was actually relevant for (Pentium II/III, Celeron, Athlon) are marked in the list below with an initial * (star symbol).

2.6 BogoMips ... failed

Suggested by various questions on the net and private mail, e.g., by Lily, `lbliao@alumni.caltech.edu`, and by Pierre Frenkiel, `frenkiel@cdfap2.in2p3.fr`. In March 1995 they asked:

> `When I boot Linux I get the message:
>
> ```
> Calibrating delay loop.. ok - 23.96 BogoMips
> failed
> ```
>
> Where/why has the calibration delay loop failed?'

It didn't fail. If it had failed the text would have been

```
Calibrating delay loop.. failed
```

What likely did fail was a driver for some gadget which you may not have in your machine. Just after calculating the BogoMips rating all device drivers are initiated. First the SCSI devices, then Net devices, etc. Any failure is duly reported. Noteworthy is the AHA152x driver. Other effects of failing drivers (and not of failing BogoMips calculations) are systems crashes, long waits, and complete system locks, somewhere close to (just before or just after) outputting the ok − xx.xx BogoMips text.

Since Linux 1.2 many error messages have improved, so upgrade to at least that version to find out which particular driver it is that is failing. Also recompile the kernel to only include the drivers that are actually needed for your hardware configuration.

2.7 What about clone CPUs (Cyrix, NexGen, AMD, etc)

Cyrix 486−like CPUs need cache enabling software, sometimes referred to as BogoBoost software. Cyrix 5x86 and 6x86 CPUs may have their BogoMips improved drastically by branch−prediction (BIOS option). Note that the performance improvement may be marginal. There are several packages available for adjusting Cyrix CPUs, such as the BogoBoost patch, cx5x86mod, and set6x86, all from the normal archives, in obvious places. It is reported the Cyrix 6x86 CPUs may give better performance when the kernel is compiled with 486−optimization, instead Pentium−optimization.

NexGen 386−enhanced CPUs, marked as Nx586, are listed as 386−like, since the fact that they are performing like Pentium machines is not relevant to BogoMips.

AMD 5x86, also denoted as AMD 486DX5, are quadrupled 486/33 machines. They are fully in line with other 486 CPUs. The AMD K5 and the K6 are Pentium−like CPUs, with their own BogoMips multipliers.

2.8 Why to pay attention to BogoMips

Let me add that there are only two reasons for paying attention to the BogoMips rating that is presented on booting Linux:

1. To see whether it is in the proper range for the particular processor, its clock frequency, and the potentially present cache. Many CPUs are prone to faulty setups of

- memory cache setting (write−back is wrong for BogoMips, often reported lower than 5; write−through is ok)
- turbo−buttons (should be ON)
- BIOS−software emulated fake cache (change it for real cache)
- similar cache and clock related things, sometimes also BIOS−software related

2. To see whether your system is faster than mine. Of course this is completely wrong, unreliable, ill−founded, and utterly useless, but all benchmarks suffer from this same problem. So why not use it? This inherent stupidity has never before stopped people from using benchmarks, has it? :−)

Note that more serious uses for real benchmarking are addressed in the Linux Benchmarking Howto by André D. Balsa.

---

3. Compilation of ratings

The following table gives some reported BogoMips ratings for various systems: more than 1200 entries by more than 1000 different persons, from approximately 50 different countries.

Note that the ratings here are from the actual Linux booting sequence, except of course for the section on Non−Linux Systems.

Some entries are marked with an '*'. See the chapter above about the 'New algorithm?' for explanation.

3.1 386 systems: SX, DX, Nexgen

System	BogoMips	Reporter
386SX/8 undercl	1.04	Andrew Costa <c_chaos@wahnapitae.on.ca>
386SX/12	1.78	Klaus Kettner <kk@sesom.de>
386SX/16	1.99	James Vahn <jvahn@short.circuit.com>
386SX/16 Packard Bell	2.05	<root@Belvedere\%hip-hop.suvl.ca.us>
386SX/16	2.09	David E. Fox <dfox@belvedere.sbay.org>
386SX/16	2.15	W Stevens <wgsteven@math.uwaterloo.co>
386SX/16	2.2	Lech Marcinkowski <puolalm@tekla.fi>
386SX/16	2.23	Andrew Bulhak <acb@yoyo.cc.monash.edu.au>
386SX/16	2.23	Steven M. Gallo <smgallo@cs.buffalo.edu>
386SX/16	2.34	Kevin Burtch <kburtch@pts.mot.com>
386SX/16 turbo	2.38	Andrew Haylett <ajh@gec-mrc.co.uk>
386SX/16 0c	2.43	Adam Clarke <adamc@loose.apana.org.au>
386SX/16	2.49	Waymon <waymon@pacifier.com>
386SX/20	2.7	Alex Strasheim <astrashe@nyx.cs.du.edu>
386SX/20	2.70	J.L. Brothers <brothers@halcyon.com>
386SX/20	2.89	Anders Stenback <stenback@hehe.com>
386SXL/25 AMD	2.9	Vaughan R. Pratt <pratt@sunburn.stanford.edu>
386SX/25 AMD 0c	3.06	K.J. MacDonald <kenny@festival.ed.ac.uk>
386SX/25 AMD	3.38	Hamish Coleman <hamish@zot.apana.org.au>
386SX/25 0c	3.52	Rogier Wolff <r.e.wolff@et.tudelft.nl>
386SL/25 Intel	3.57	S Harris <harris@teaching.physics.ox.ac.uk>
386SX/25 AMD	3.62	S Harris <harris@teaching.physics.ox.ac.uk>
386SXL/25 AMD 0c	3.71	David E.A. Wilson <david@cs.uow.edu.au>
386SX/33 Intel	3.92	Yves Bellefeuille <yan@storm.ca>
386SX/33 Intel	4.06	Kenneth J. Hoover <ken@psuedvax.psu.edu>
386SX/33	4.71	Alexander Komlik <apkom@l.ukrcom.kherson.ua>
386SX/40 Intel 0c	6.03	Michael Kenyon <u3g12@keele.ac.uk>
386DX/16	2.49	Mike <mike@emgee.demon.co.uk>

```
386DX/20 Intel          3.0    Malcolm Reeves <reeves@rocky1.usask.ca>
386DX/20 Intel          3.08   Si. Harris <harris@teaching.physics.ox.ac.uk>
386DX/20 Nec Powermate  3.22   David J Dawkins <davidd@isl.co.uk>
386DX/20 Micronics      3.25   M Haardt <u31b3hs@informatik.rwth-aachen.de>
386DX/20                3.67   Joost Helberg <jhelberg@nlsun8.oracle.nl>
386DX/25                3.91   Ian McCloghrie <imcclogh@cs.ucsd.edu>
386DX/25                3.95   Grant Edwards <grante@aquarius.rosemount.com>
386DX/25 0cache         3.96   J.O. Williams <jow@techbase.com>
386DX/25 32cache        4.53   J.M.A. Lahtinen <jmalahti@klaava.Helsinki.FI>
386DX/33                5.86   Tim Lacy <timla@microsoft.com>
386DX/33 64cache        5.99   Lars Wirzenius <wirzeniu@kruuna.Helsinki.FI>
386DX/33 Intel          5.99   Harri Pasanen <hpasanen@cs.hut.fi>
386DX/33 no387          6.03   Joel B.Levin <levin@bbn.com>
386DX/33 387            6.03   Peter Bechtold <peter@fns.greenie.muc.de>
386DX/40                6.21   J.L. Brothers <brothers@halcyon.com>
386DX/33                6.46   Dennis Robinson <djrobins@uxa.cso.uiuc.edu>
386DX/33                6.5    Dean Nelson <deannelson@aol.com>
386DX/33 387 256cache   6.65   Wim van Dorst <baron@clifton.hobby.nl>
386DX/33                6.65   Rick Lim <ricklim@opus.freenet.vancouver.bc.ca>
386DX/33                6.7    Craig Hagan <hagan@cih.com>
386DX/40                6.99   Ken Wilcox <wilcox@math.psu.edu>
386DX/40 AMD            7.76   Joe Phillips <rchandra@letter.com>
386DX/40 AMD            7.10   Kerry Person <kperson@plains.NoDak.edu>
386DX/40                7.10   D. Bikram Singh <a336dhal@cdf.toronto.edu>
386DX/40 128cache       7.23   Julian Francis Day <jfd0@aber.ac.uk>
386DX/40 bogoboosted    7.23   Pat St Jean <stjean@math.enmu.edu>
386DX/40 AMD 128cache   7.23   R.Bergs <rabe@akela.informatik.rwth-aachen.de>
386DX/40 slow DRAM      7.26   John Lockwood <lockwood@pan.vlsi.uiuc.edu>
386DX/40 128c           7.29   Karsten Friese <ftdkafr@ftd.ericsson.se>
386DX/40                7.29   E.C. Garrison <ericg@nickel.ucs.indiana.edu>
386DX/40                7.29   Darin Cowan <cowan@rubicon.org>
386DX/40                7.29   Bonne van Dijk <bonne@cs.utwente.nl>
386DX/40 AMD            7.76   Todd Lindner <tlindner@panix.com>
386DX/40                7.76   Bear Giles <bear@indra.com>
386DX/40 AMD 387 64c    7.91   <wires@gnu.ai.mit.edu>
386DX/40                7.98   Frank Pilhofer <fp@informatik.uni-frankfurt.de>
386DX/40 64c            7.98   Dean Junk <dpjunk@mm.com>
386DX/40 AMD 32c        7.98   Tommy Olsen <tommyo@ifi.uio.no>
386DX/40 AMD            7.98   James Reith <reith@racores.com>
386DX/40                7.98   Aaron T. Baldie <atb@u.washington.edu>
386DX/40 128c           7.98   John Pate <jpate@easynet.co.uk>
386DX/40                7.98   Christian Nelson <cnelson@csugrad.cs.vt.edu>
386DX/40                7.98   Alan Peckham <peckham@drei.enet.dec.com>
386DX/40                8.06   Michael Guslick <michaelg@alpha2.csd.uwm.edu>
386DX/40                8.06   Richard Brown <brown@midget.towson.edu>
386DX/40                8.06   Bill G. Bohling <bs146@tali.uchsc.edu>

Nx586/90 NexGen        67.44   <root@wgw.mnsinc.com>
Nx586/90 NexGen        67.44   Robert Gehring <rag@cs.tu-berlin.de>
Nx586/90 NexGen        67.48   David G. Eckard <dgeckard@eos.ncsu.edu>
Nx586/100 NexGen       74.34   Cameron L. Spitzer <cls@truffala.sj.ca.us>
Nx586/100 NexGen 256c  74.56   Marius Groenendijk <marius@cray-systems.lu>
Nx586/110 NexGen 256c  81.51   Michael J. Micek <mmicek@muddcs.cs.hmc.edu>
Nx586/110 NexGen       81.51   Ron Marsh <rmarsh@plains.nodak.edu>
```

3.2 Oddly or faultily configured 386 systems

```
System              BogoMips  Reporter
386DX/16 387 nocache   0.57   H. Peter Anvin <hpa@nwu.edu>
386DX/25               0.82   P Wright <philip.wright@purplet.demon.co.uk>
386DX/25 nocache       1.03   Mark A. Horton <mahmha@crl.com>
```

386SX/16	1.5	Stefan Kromer <sk@galaxy.sunflower.sub.org>
386SX/16	1.6	Bill Davidsen <davidsen@tmr.com>
386SX/20	1.87	Paul C. Dulany <pcdulany@wam.umd.edu>
386SX/20	2.45	Roger Harkess <roger@visi.com>
386DX/25(?) 128c	6.03	Chuck Meo <meo@solbourne.com>
386DX/20	13	Ed Runnion <erunnio@hubcap.clemson.edu>

3.3 486 systems

System	BogoMips	Reporter
486SX/20 DECpc	9.98	Thomas Pfau <pfau@cnj.digex.com>
486SX/25	12.24	M. Buchenrieder <mibu@scrum.greenie.muc.de>
486SX/25	12.3	Darren McKay <e9bh@unb.ca>
486SX/25	12.42	Mark R. Lindsey <mlindsey@nyx.cs.du.edu>
486SX/25	12.42	Samuel Thibault <samuel.thibault@fnac.net>
486DX/25	12.5	Phillip Hardy <phillip@mserve.kiwi.gen.nz>
486SX/25	12.52	Emmanual Emore <emor7672@elan.rowan.edu>
486DX/33 256c	16.33	Eric Kemminan <ekemmina@pms709.ms.ford.com>
486DX/33	16.35	Christopher L. Morrow <cm43@andrew.cmu.edu>
486DX/33	16.43	Rob Janssen <pe1chl@amsat.org>
486DX/33 64cache	16.44	H. Peter Anvin <hpa@nwu.edu>
486DX/33 256c DIY	16.44	Wouter Liefting <wlieftin@cs.vu.nl>
486DX/33 Intel 128c	16.44	Rafal Kustra <g1krakow@cdf.toronto.edu>
486DX/33	16.5	Alex Freed <freed@europa.orion.adobe.com>
486DX/33	16.6	Vaughan R. Pratt <pratt@Sunburn.Stanford.EDU>
486DX/33 noturbo	16.61	C Vetter <cbvetter@informatik.th−darmstadt.de>
486DX/33	16.61	Jeffrey L. Newbern <jnewbern@athena.mit.edu>
486DX/33	16.61	Giuseppe De Marco <gdemarco@freenet.hut.fi>
486DX/33	16.61	M Heuler <heuler@informatik.uni−wuerzburg.de>
486DX/33	16.61	Frank Lofaro <ftlofaro@unlv.edu>
486SX/33	16.64	Jacob Papenfuss <webmaster@the−corridor.com>
486SX/33	16.64	Samuel Thibault <samuel.thibault@fnac.net>
486DX/33	16.77	Donald Lewis <dlewis@jackson.freenet.org>
486DX/33	16.77	Stephan Boettcher <staphan@alzt.tau.ac.il>
486DX/33 256c	16.77	David Manchester <mustang@tartarus.uwa.edu.au>
486DX/40	19.8	Jose Calhariz <cal@minerva.inesc.pt>
486DX/40	19.91	M Heuler <heuler@informatik.uni−wuerzburg.de>
486DX/40	19.96	David A. Ranch <dranch@ecst.csuchico.edu>
486DX/40 AMD	19.97	M Haardt <u31b3hs@informatik.RWTH−Aachen.DE>
486DX/40 Intel	19.97	Paul van Spronsen <vspr@teppic.sun.ac.za>
486DX/40	19.97	Ulf Tietz <ulf@rio70.bln.sni.de>
486DX/40	19.97	<Eberhard_Moenkeberg@p27.rollo.central.de>
486DX/40	19.97	Zoltan Lajber <lajbi@lajli.gau.hu>
486DX/40	19.97	Wim van Dorst <baron@wiesje.hobby.nl>
486DX/40 AMD	20	Chuck Munro <chuckm@canada.hp.com>
486DX/40 AMD	20.09	Pieter Eendebak <peendebak@bbsw.idn.nl>
486DX/50	24.48	Arnd Gehrmann <arnd@rea>
486DX/50 AMD	24.85	Klaas Hemstra <hst@mh.nl>
486DX/50 DTK	24.85	Randolph Christophers <randyc@lna.oz.au>
486DX/50	24.85	Kevin Lentin <kevinl@bruce.cs.monash.edu.au>
486DX2/50	24.85	Jason Matthew <jmatthew@kn.pacbell.com>
486DX2/50	24.85	Gregory P. Smith <smithgr@cs.colorado.edu>
486DX/50 VLB	24.97	Tom Miller <tvtom@en.com>
486DX/50	24.99	Jeff <css@erols.com>
486DX/50 Intel 256c	24.99	Mike <mike@emgee.demon.co.uk>
486DX/50	25	Robert Herzog <rherzog@rc1.vub.ac.be>
486DX2/50	25	M. Abrahamsson <swmike@uplift.df.lth.se>
486DX2/50	25.0	Christian Holtje <choltje@ux1.cso.uiuc.edu>
486DX2/50 DECpc	25.04	Thomas Pfau <pfau@cnj.digex.com>
486DX2/50 Eisa	25.04	John Willing <willing@cimage.com>
486DX2/50 256c	25.04	Zhou Yanmo <zhou@gauss.math.usf.edu>

486DX/50	25.04	Michael Kress <kress@hal.saar.de>
486DX2/50	25.04	Mats Wikholm <mwikholm@news.abo.fi>
486DX2/50	25.04	Jean C Delepine <delepine@linux.u-picardia.fr>
486DX/50	25.04	Jean C Delepine <delepine@linux.u-picardia.fr>
486DX/50	25.04	Kevin Burtch <kburtch@pts.mot.com>
486DX/50 notebook	25.04	Pierre Frenkiel <frenkiel@cdfap1.in2p3.fr>
486DX/50	25.10	M Heuler <heuler@informatik.uni-wuerzburg.edu>
486DX2/50	25.4	Brian Kennedy <bkenned@hubcap.clemson.edu>
486DX2/66	32	Lee Sau Dan <h9210876@khuxa.hku.hk>
486DX2/66	32.87	Samuel Thibault <samuel.thibault@fnac.net>
486DX2/66	32.9	Frederick <niles@axp745.gsfc.nasa.gov>
486DX2/66	33	Alec Muffett <alecm@uk-usenet.uk.sun.com>
486DX2/66	33	NN <coolefa@pmifeg.com>
486DX2/66	33	Steve Tinney <sjt@enlil.museum.upenn.edu>
486DX2/66 Intel	33	Chuck Munro <chuckm@canada.hp.com>
486DX2/66 VLB	33.0	Sebastien Dedieu <dedieu@emi.u-bordeaux.fr>
486DX2/66 AMD	33.05	G. Skinner <gskinner@gwsunix1.crystalball.com>
486DX2/66 VLB	33.18	Pablo Iranzo Gomez <iranzop@gong.ci.uv.es>
486DX2/66 VLB	33.18	Dag Wieers <dag@digibel.be>
486DX2/66	33.18	Remco den Besten <besten@rdr.nl>
486DX2/66	33.20	Arnd Gehrmann <arnd@rea.com>
486DX2/66 Intel/PCI	33.22	C. Menke <carsten.menke@post.uni-bielefeld.de>
486DX2/66	33.22	Brian Ricker <gt2327c@prism.gatech.edu>
486DX2/66	33.22	Don Bennett < <don@engr.mun.ca>
486DX2/66	33.22	Robert Heller <heller@cs.umass.edu>
486DX2/66	33.22	Warwick Ward-Cox <wwar@lostlink.alt.za>
486DX2/66	33.22	Chien-An Chen <giant@nwu.edu>
486DX2/66 Eisa/VL	33.22	Serge <sviznyuk@magnus.acs.ohio-state.edu>
486DX2/66 AMD	33.22	Wayne Robinson <wayner@renoir.cftnet.com>
486DX2/66 Intel	33.22	Jim Barber <yeul@marsh.cs.martin.edu.au>
486DX2/66	33.22	Tom Lowery <tlowery@mcs.kent.edu>
486DX2/66	33.27	S Viznyuk <sviznyuk@magnus.acs.ohio-state.edu>
486SX2/66	33.28	Jacob Papenfuss <root@the-corridor.com>
486DX2/66	33.3	Devon Tuck <devon@netcom.com>
486DX2/66 256cache	33.4	H. Peter Anvin <hpa@nwu.edu>
486DX2/66	33.5	Jongyoon Lee <mr2@netcom.com>
486DX2/66	33.5	Petrovsky Alexey <gong@cs.msu.su>
486DX2/66	33.5	Sung Lee <slee2@umbc.edu>
486DX2/66	33.55	Gene McCulley <mcculley@greatwall.cctt.com>
486DX2/66	33.55	W. Zeilinger <wzeil@doradus.ast.univie.ac.at>
486DX2/66	33.55	Donald Lewis <dlewis@jackson.freenet.org>
486DX2/66	33.55	Eric Malkowski <malk@world.std.com>
486DX2/66 0c	33.55	Chris Petit <mystere@ix.net.com>
486DX2/66	33.55	<al-b@minster.york.ac.uk>
486DX2/66	33.55	Jesper de Jong <jesper@cas.et.tudelft.nl>
486DX2/66	33.55	John Paul Morrison <jmorriso@bogomips.com>
486DX2/66	33.55	Arash <ei39594@ios.chalmers.se>
486DX2/66	33.55	Ralph Lewis <rlewis@mail.wsu.edu>
486DX2/66	33.55	Ulisses Alonso Camaro <alonso@bebe.uv.es>
486DX2/66	33.55	Bussmann <bussmann@wolpi.infomatik.uni-bonn.de>
486DX2/66 Intel/PCI	33.55	Louis J. LaBash <labash@lcjones.aclib.siue.edu>
486DX2/66 Intel	33.55	Andrew Tubbiolo <enigma@seds.lpl.arizona.edu>
486DX2/66	33.55	W Fink <werner.fink@physik.uni-stuttgart.de>
486DX2/66 ICL	33.55	Mathias Koerber <mathias@solomon.technet.sg>
486DX2/66	33.55	Bill Pogue <gwp@dithots.dithots.org>
486DX2/66 256c	33.58	Theo Scott <rkwtgs@pukrs3.puk.ac.za>
486DX2/66	33.7	C Triantafillou <triant@pegasus.montcleair.edu>
486DX2/66 256c Intel	33.81	S Harris <harris@teaching.physics.ox.ac.uk>
486DX2/66	33.9	Magnus Back <erambk@eraj.ericsson.se>
486DX2/66 notebook	33.9	Robert A Knop <rknop@mop.caltech.edu>
486DX2/66	34.06	Al Clark <aclark@netcom.com>
486DX4/75 notebook	37.38	January W <jweiner1@ix.urz.uni-heidelberg.de>

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486DX4/75              37.47   G Asmundarson <grettir@wordperfect.com>
486DX2/80              39.83   Samuel Thibault <samuel.thibault@fnac.net>
486DX2/80              39.93   Andrew Tubbiolo <enigma@seds.lpl.arizona.edu>
486DX2/80 overcl/66    39.94   Mario L. Guttierez <mgutier@mentor.sdu.edu>
486DX2/80 AMD          39.94   Corey D Brenner <brenner@umr.edu>
486DX2/80              39.94   Dan Delaney <cgdela01@homer.louisville.edu>
486DX2/80              39.94   D t Haar <danny@caution.cistron.nl.mugnet.org>
486DX2/80 overcl       39.94   Peter Suetterlin <ps@kis.uni-freiburg.de>
486DX2/80 overcl       39.94   Alex Montaron <canal@multimania.com>
486DX2/80 AMD          39.94   JL Gomez <kitana!sysop@caprica.com>
486DX2/80 AMD          39.94   Pete Krawczyk <pkrawczy@uiuc.edu>
486DX2/80 AMD          40      Rene Baart <baart@simplex.nl>
486DX2/80 AMD          40      Wolfgang Kalthoff <wo@rio70.bln.sni.de>
486DX2/80              40.0    Rick Brown <ccastrb@prism.gatech.edu>
486DX2/80 AMD          40.14   Jon Lewis <jlewis@inorganic5.chem.ufl.edu>
486DX2/80 AMD          40.14   Richard S. Stone <rstone@edgp.com>
486DX2/80              40.15   Oleg <oleg@hpcms.co.il>
486DX2/80 AMD          40.18   Adri Verhoef <a3@a3.xs4all.nl>
486DX2/80              40.18   Mats Andtbacka <mandtback@abo.fi>
486DX2/100 AMD overcl 49.14   Jon Lewis <jlewis@inorganic5.chem.ufl.edu>
5x86/100 AMD undercl  49.66   NN <root@tailor.aleim.net>
486DX4/100             49.66   Pete Cervasio <cervasio@airmail.net>
486DX4/100 256c        49.71   Lutz Pressler <lutz.pressler@med-stat.GWDG.de>
486DX4/100             49.71   Brett Gersekowski <bgrerseko@powerup.com.au>
486DX4/100 Intel 256c 49.77   Angelo Haritsis <ah@doc.ic.ac.uk>
5x86/100 AMB undercl  49.77   Bernd Hentig <bernd.hentig@guug.de>
486DX4/100             49.78   Aurel Balmosan <aurel@xylo.owl.de>
486DX4/100             49.87   Chris Saia <minkie@concentric.net>
486DX4/100             49.87   Aaron Brick <abrick@dcc.uchile.cl>
486DX4/100             50      Donald Lewis <dlewis@jackson.freenet.org>
486DX4/100             50.02   Peter Skov Knudsen <gogol@ask.diku.dk>
486DX4/100             50.02   Shadow Weaver <djamison@students.wisc.edu>
486DX4/100 AMD         50.3    Dave <shodan@shodan.clark.net>
486DX4/100 AMD         50.04   Tony Smolar <asmolar@fast.net>
486DX4/100             50.05   fredk <fredk@shadow.net>
486DX4/100             50.06   Ronald Prague <ronp@fisnet.net>
486DX4/100             50.08   Matt Gisher <matt@matt.fidalgo.net>
486DX4/100             50.08   Steven A. Duchene <sduchene@cis.ysu.edu>
486DX4/100             50.08   Miles O'Neal <meo@schoneal.com>
486DX4/100             50.08   Will <zxmvg07@hp12.zdv.uni-tuebingen.de>
486DX4/100             50.08   Piet de Bondt <bondt@dutiws.twi.tudelft.nl>
486DX4/100 laptop      50.08   Karl Kleinpaste <karl_kleinpaste@cs.cmu.edu>
486DX4/100 256c        50.08   Thomas Kanschik <y0000997@ws.rz.tu-bs.de>
486DX4/100             50.08   Linas Vepstas <linas@fc.net>
486DX4/100             50.08   Ed Daiga <daiga@engin.umich.edu>
486DX4/100 notebook    50.08   Gerry Quejada <fd863@cleveland.freenet.edu>
486DX4/100 AMD         50.08   B Schuller <schuller@ind136a.wi.leidenuniv.nl>
486DX4/100             50.08   J.L. Brothers <brothers@halcyon.com>
486DX4/100             50.08   David E.A. Wilson <david@cs.uow.edu.au>
486DX4/100             50.08   Mark Lumsden <root@titan2.physics.mcmaster.ca>
486DX4/100             50.08   Ashar <ashar@netcom12.netcom.com>
486DX4/100             50.08   Jacob Waltz <waltz@pcjiw.lampf.lanl.gov>
486DX4/100             50.08   Tom Sinclair <sinner@cafe.net>
486DX4/100 AMD         50.08   G. Skinner <gskinner@gwsunix1.crystalball.com>
486DX4/100 AMD         50.08   Nick Savoiu <nick@ritz.mordor.com>
486DX4/100             50.08   Thomas J Fisher <twb5odt@nmia.com>
486DX4/100             50.08   Pascal Pensa <pensa@aurora.unice.fr>
486DX4/100             50.08   Julian Bradbury <julian@xabcs.demon.co.uk>
486DX4/100             50.51   Frederic Potter <frederic@swing.ibp.fr>
486DX4/100             50.66   Bill Stegers <bill_ste@zeelandnet.nl>
486DX4/120 256c        59.1    Kevin <kalichwa@oakland.edu>
486DX4/120 AMD         59.80   Mark Tranchant <mat92@ecs.soton.ac.uk>
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486DX4/120 AMD	59.80	Fred Broce <fbroce@atlanta.com>
486DX4/120 AMD	59.90	Marko Ovaska <ovaska@cc.helsinki.fi>
486DX4/120 AMD	59.80	Bob Purdon <bobp@mpx.com.au>
486DX4/120 AMD	59.80	Pat Young <dice@netbsd.warped.com>
486DX4/120	59.91	Will <zxmvg07@hp12.zdv.uni−tuebingen.de>
486DX4/120 AMD 256c	60.01	Angelo Haritsis <ah@doc.ic.ac.uk>
486DX4/120 overcl	60.45	Pascal Pensa <pensa@aurora.unice.fr>
486DX4/120	60.45	Neal Howard <neal@metronet.com>
486DX4/120 AMD	60.45	Oscar Belmar Madrid <obelmar@anakena.usach.cl>
486DX4/120	60.45	Jason Buchanan <jsb@digistar.com>
486DX4/120	60.45	Foersterling <dirk@informatik.uni−frankfurt.de>
486DX4/120	60.45	Bernd Hentig <bernd@finow.snafu.de>
5x86/133 AMD	66.15	NN <root@tailor.aleim.net>
5x86/133 AMD	66.15	Brad Wilson <bwilson@deltanet.com>
5x86/133 AMD	66.15	Paul S. Doyle <paul.doyle@mci.com>
5x86/133 AMD	66.44	P Yli−Krekola <perttu@ntcmar01ba.ntc.nokia.com>
5x86/133 AMD	66.44	V. Tailor <vtailor@ibm.net>
5x86/133 AMD	66.55	Andrew B. Cramer <cramer@ripco.com>
5x86/133 AMD	66.56	Bob Nielsen <nielsen@primenet.com>
5x86/133 AMD	66.65	Geoff Raye <gtraye@igsrsparc2.er.usgs.gov>
5x86/133 AMD	66.7	Klaas Hemstra <hst@mh.nl>
5x86/133 AMD	66.80	N.N. <vp24njcb@ubvms.cc.buffalo.edu>
5x86/133 AMD 256c	67.10	Vasily Lewis
5x86/133 AMD	67.10	James Reith <reith@racores.com>
5x86/133 AMD 256c	67.10	Yves Rougy <yrougy%siam@cal.fr>
5x86/133 AMD 256c	67.10	Peter A. Koren <pkoren@lvdc20.dseg.ti.com>
5x86/133 AMD 256c	67.10	Wim Joppe <joppe@xs4all.nl>
5x86/133 AMD 256c	67.10	Gunnar Stefansson <gunnars@rhi.hi.is>
5x86/133 AMD 256c	67.10	Vernard Martin <vernard.martin@cc.gatech.edu>
5x86/150 AMD overcl	74.75	Sergio Riveros <riveros@musca.unm.edu>
5x86/150 AMD overcl	74.75	Arthur K. Chan <artchan@cs.ucr.edu>
5x86/160 AMD overcl	79.87	M.Suencksen <msuencks@techfak.uni−bielefeld.de>
5x86/160 AMD overcl	79.87	J. Chris Hammond <cosmo@pcisys.net>
5x86/160 AMD overcl	79.87	Bird Chen <luca@linux.taiwan.hp.com>
5x86/160 AMD overcl	79.89	Geir Skaugen <geir.skaugen@energy.sintef.no>
5x86/160 AMD overcl	79.89	Martin Vernon <martin@gw6hva.demon.co.uk>
5x86/160 AMD overcl	79.92	T. Zerucha <zerucha@shell.portal.com>
5x86/160 AMD overcl	80.36	Paul Colucci <pcolucci@acsu.buffalo.edu>
5x86/160 AMD overcl	80.36	Steinar Haug <sthaug@nethelp.no>
5x86/160 AMD overcl	80.36	James Daniel <triadmin@bga.com>
5x86/160 AMD	80.36	David H.S. Oh <david@std.net>

3.4 Oddly or faultily configured 486 systems

System	BogoMips	Reporter
486DX/33 0c	1.45	Mark Gray <vatavian@gvu1.gatech.edu>
486SL/25 0c	1.95	Paraskevas Evripidou <skevos@seas.smu.edu>
486DLC/40 0c	2.45	S.Schendel <sschend@magnus.acs.ohio−state.edu>
486DX/33 128c	2.94	P.J. Nefkens <p.nefkens@student.utwente.nl>
486DX4/120 AMD	3.04	Andrew Steinbach <stei0113@maroon.tc.umn.edu>
486DX5/133 AMD	3.05	Eric Hagen <ehagen@hawaii.edu>
486DX4/100 Cyrix	3.06	Stuart Harvey <sharvey@primenet.com>
486DX5/133 AMD	3.06	Charles Galpin <chg@severn.wash.inmet.com>
486DX4/100	3.06	Bear Giles <bear@indra.com>
486DX2/80	3.08	Gerald E. Butler <gbutler@phoenix.kent.edu>
486DX4/120 AMD	3.08	Charles Hines <chuck_hines@vnet.ibm.com>
486DX4/66 256c	3.10	Riccardo Capella <mc8508@mclink.it>
486DX4/100 wb−cache	3.10	Paul Close <pdc@sgi.com>
486DX4/120	3.13	Brian Perkins <bperkins@netspace.com>
486DX4/120 AMD	3.15	<eruston@net2.intserv.com>
486DX4/100	3.17	Thomas Sudbrak <sudbrak@borneo.gmd.de>

486SLC2/50 Cyrix	3.30	Colin J. Wynne <cwynne@sage.wlu.edu>
486DX/33	3.61	Marten van de Laan <marten@cs.rug.nl>
486DX/33 noturbo	3.61	Dimitris Evmorfopoulos <devmorfo@mtu.edu>
486DX4/120	3.74	Brian Wheeler <bdwheele@indiana.edu>
486DX4/120 AMD	3.74	Frank Pilhofer <fp@informatik.uni−frankfurt.de>
486DX4/100 Cyrix 256c	4	Joel Kelso <joel@cs.murdoch.edu.au>
486DX/33 256c noturbo	4.25	Wouter Liefting <wlieftin@cs.vu.nl>
486DX/33	4.66	Mark Gray <vatavian@gvu1.gatech.edu>
486Rx2 Cyrix 25/50	4.85	<cosc19v2@menudo.uh.edu>
486SX/33 noturbo	5.21	Scott D. Heavner <sdh@fishmonger.uucp>
486DX2/66 overdrive	5.37	Jeremy Orr <jeremy@careercenter.sfsu.edu>
486DX/33	5.66	Ryan Tucker <rtucker@ttgcitn.com>
486DX2/66	5.88	P.J. Nefkens <p.nefkens@student.utwente.nl>
486DX4/100	5.94	Howard Goldstein <hg@n2wx.ampr.org>
486DX4/100 AMD	5.94	Mr Pink <vince@dallas.demon.co.uk>
486DX4/100 notebook	6.55	Thomas <tom@dirac.physik.uni−konstanz.de>
486DX4/100 notebook	6.55	Hugh McCurdy <hmccurdy@ix.netcom.com>
486SLC Cyrix	7	Pieter Verhaeghe <pive@uia.ac.be>
486SX/33	7.84	Paul Hedderly <prh6@unix.york.ac.uk>
486DLC/40	7.98	Wil Cromer <nwc2@Ra.MsState.Edu>
486DX/33 256c	8.27	Rohan Tronson <rohan@kihi.com.au>
486DX4/100	11.11	NN <usenet@uxmail.ust.hk>
486DX4/100	11.3	Earl Gooch <egooch@mc.com>
486/66 Cyrix	13.02	Mike Baptiste <baptiste@bnr.ca>
486SLC2/25	14.6	Vaughan R. Pratt <pratt@Sunburn.Stanford.EDU>
486DX2/66 laptop	14.46	Robert Knop <rknop@netcom.com>
486SLC2/66	18.94	<root@avalon.net>
486DX/33 turbo	19.98	C Vetter <cbvetter@informatik.th−darmstadt.de>
486DX4/75	21.5	Theo Scott <rkwtgs@pukrs3.puk.ac.za>
486DX4/75	24.13	Sherman Hsieh <shieh@csua.berkeley.edu>
486DX2/58	26.3	Vassili Leonov <leonov@iedv7.acd.com>
486DX4/100 overclock	28.67	Theo Scott <rkwtgs@pukrs3.puk.ac.za>
486DX2/80	36	Mark Lee <mlee@heartlab.rri.uwo.ca>
486DX4/100 TI	39.94	Andre Lehrbach <lehrbach@redamp.com.br>
486DX2/80	50.08	Mark Lee <mlee@heartlab.rri.uwo.ca>
486DX4/100	60	Sebastien Dedieu <dedieu@emi.u−bordeaux.fr>
486DX2/100 overclock	60.45	Tony D Shan <tdsst9+@pitt.edu>
486DX5/133 AMD	75.40	Jeff Hyche <jwhyche@scott.net>
486DX5/133 AMD	80.08	NN <guesta@slip−29−7.ots.utexas.edu>
486DX5/133 AMD	87	John Wiggins <jwiggins@comp.uark.edu>

3.5 486 variations: Cyrix/IBM, UMC

System	BogoMips	Reporter
486DLC/33	9.42	Dennis Robinson <djrobins@uxa.cso.uiuc.edu>
486DLC/33 387DX/40	9.47	Denis Solaro <drzob@vectrex.login.qc.ca>
486DLC/33 Cyrix wb	9.5	M. Asplund <matt@xenon.cchem.berkely.edu>
486DLC/33 Cyrix 386	11.2	Alex Freed <freed@europa.orion.adobe.com>
486DLC/40 256c	11.33	Schendel <sschend@magnus.acs.ohio−state.edu>
486Dx/40 Cyrix	11.73	Malcolm Bremer <malcolm@strw.LeidenUniv.nl>
486DRx2/40 Cyrix	13.10	Christopher Lau <clau@acs.ucalgary.ca>
486DX/33 Cyrix	13.21	M Haardt <u31b3hs@informatik.RWTH−Aachen.DE>
486DLC/40 bogoboost	13.21	Harry Pasanen <ps@tekla.fi>
486DLC/40 487 Cyrix	13.21	Ian A. Verschuren <iav@po.CWRU.Edu>
486DCL Cyrix	13.3	Tracer Bullet P.I. <ges@earth.baylor.edu>
486DLC/40	13.31	Adam Frampton <frampton@access2.digex.net>
486DLC/40	13.31	Rick Chow <crc@cacs.usl.edu>
486SLC−S/33	13.51	Brad Pepers <pepersb@cuug.ab.ca>
486DLC/40 no Cxpatch	15.47	Sergei O. Naoumov <serge@envy.astro.unc.edu>
486DLC/40 TI 128c	15.97	Philip K. Roban <phil@seal.micro.umn.edu>
486DLC/40 Cyrix	15.97	L.J. LaBash <labash@lcjones.aclib.siue.edu>

486DRx2/40	15.99	Christopher Lau <lauc@fusion.cuc.ab.ca>
486DX2/66 IBM no-FF	19	NN <coolefa@pmifeg.com>
486SLC2/66 IBM 64c	18.95	Sujat Jamil <sujat@shasta.ee.umn.edu>
486SLC2/66 IBM 128c	18.95	Sujat Jamil <sujat@shasta.ee.umn.edu>
486SLC2/66	19.02	Harry Mangalam <mangalam@uci.edu>
486SLC/50	19.28	Sion Arrowsmith <sion@bast.demon.co.uk>
486BL3/75 IBM 256c	21.40	Anders Stenback <stenback@kuai.se>
486BL3/75 IBM 256c	21.50	Ming S. Chan <ming.chan@canrem.com>
486DX2/66 Cyrix	26.62	Demian Marshall <dandfi@nospam.shaw.ca>
486DX2/66 Cyrix 128c	26.63	Derek Kwan <dkwan@zeus.UWaterloo.ca>
486DX2/66 Cyrix	26.63	Adrian Parker <adrian@willen.demon.co.uk>
486DX2-S/66 256c	26.63	Jean-Marc Wislez <JeanMarc.Wislez@rug.ac.be>
486DX2/66 Cyrix	26.63	Curran W. Fey <fey@biotech.washington.edu>
486BL3/100 IBM 256c	28.36	Anders Stenback <stenback@kuai.se>
486SX-S/33 UMC 0c	20.20	Hynek Med <xmedh02@manes.vse.cz>
486SX-S/40 UMC 0c	26.52	Hynek Med <xmedh02@manes.vse.cz>
486SX-U5/40 UMC 0c	26.63	Dusan Mihajlovic <zdule@herkules.co.yu>

3.6 Pentium systems

System	BogoMips	Reporter
Pentium/60	23	Chien-An Chen <giant@nwu.edu>
Pentium/60	23.96	Joost Helberg <jhelberg@nlsun8.oracle.nl>
Pentium/60	23.96	Ulf Tietz <ulf@rio70.bln.sni.de>
Pentium/60 Gateway	23.96	Manoj Kasichainula <mvkasich@eos.ncsu.edu>
Pentium/60	23.96	Pierre Frenkiel <frenkiel@cdfap1.in2p3.fr>
Pentium/60	23.96	Tim Oosterbroek <tim@astro.uva.nl>
Pentium/60 NCR 3455	24	Mathias Koerber <mathias@solomon.technet.sg>
Pentium/60	24	Joe Sloan <jjs@engr.ucr.edu>
Pentium/60	24.0	Mark H. Wood <mwood@indyvax.iupui.edu>
Pentium/60	24.13	R.M. van Rijswijk <rijswijk@cs.utwente.nl>
Pentium/66	25	Chuck Munro <chuckm@canada.hp.com>
Pentium/66	26.63	Jason M. Naughton <jnaughto@ee.ryerson.ca>
Pentium/66	26.84	Kelly Carmichael <kcarmich@cln.etc.bc.ca>
Pentium/75 256c	29.5	Chris Dodd <cdodd@super.win.or.jp>
Pentium/75	29.79	Scott M. Grim <sgrim@netwalk.com>
Pentium/75	29.80	Torbjoern Kristoffersen <torbkris@online.no>
Pentium/75	29.95	Steve Martin <smartin@mrg.uswest.com>
Pentium/75	30.22	Zoran Marjanski <bagzor@enterprise.ca>
Pentium/75	30.22	Andrew Buckby <c4ab1@dmu.ac.uk>
Pentium/75	30.22	Stuart Nuttall <u9230106@sys.uea.ac.uk>
Pentium/90 notebook	32.73	Rich Neves <neves@cs.colorado.edu>
Pentium/83 overdrive	33.55	JCS <jean-claude.schwartz@contiteves.com>
Pentium/90	34.07	A. Galbraith <ajgalb@postman.essex.ac.uk>
Pentium/90 zappa 256c	35.6	Sebastien Dedieu <dedieu@emi.u-bordeaux.fr>
Pentium/90	35.84	Jason Nunn <jsno@stormfront.com.au>
Pentium/90	35.88	Joe Anderson <CPJJA@ttacs3.ttu.edu>
Pentium/90	35.88	Warwick Allison <warwick@cs.uq.oz.au>
Pentium/90	35.94	Erik Walthinsen <omega@teleport.com>
Pentium/90	36	Joe Sloan <jjs@engr.ucr.edu>
Pentium/90	36	Larry Auton <lda@nfa.research.att.com>
Pentium/90	36	Richard Knipe <knipe@lobby.ti.com>
Pentium/90	36.0	Werner Almesberger <almesber@lrc.epfl.ch>
Pentium/90	36.06	Rob J. Nauta <rob@iaehv.nl>
Pentium/90	36.08	Leung Hon Wa <cshwleun@cs.citu.edu.hk>
Pentium/90 Zeos	36.08	Chris Laurel <claurel@mr.net>
Pentium/90	36.08	Ronald Prague <ronp@fishnet.net>
Pentium/90	36.08	Adrian Blues <adrian@hypereality.co.uk>
Pentium/90	36.08	Pak Yin Tam "Fred" <ptam@eesun1.tamu.edu>
Pentium/90	36.08	Jason Heiss <jheiss@cco.caltech.edu>

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Pentium/90                36.08  Tim Krantz <tek@dsinc.com>
Pentium/90 Gateway        36.08  Pete Stewart <stewart@bae.bellcore.com>
Pentium/90                36.08  Tom Manos <tmanos@infi.net>
Pentium/90                36.08  Richard Mundell <R.Mundell@uea.ac.uk>
Pentium/90                36.08  NN <usenet@uxmail.ust.hk>
Pentium/90                36.08  Yavuz Batmaz <yavuzb@knidos.cc.metu.edu.tr>
Pentium/90                36.08  Alan Skelley <askelley@gpu.srv.ualberta.ca>
Pentium/90                36.08  Ralph Sims <ralphs@locus.halcyon.com>
Pentium/90                36.08  Julian Bradbury <julian@xabcs.demon.co.uk>
Pentium/90                36.08  Dan Langrill <langrlld@mussel.cig.mot.com>
Pentium/90                36.08  Ravi Krishna Swamy <rkswamy@eos.ncsu.edu>
Pentium/90                36.08  J.L. Brothers <brothers@halcyon.com>
Pentium/90 Micronics      36.09  Andrew Brown <andrewbrown@acm.org>
Pentium/90                36.27  Giao H. Phan <giao@concrete.resnet.upenn.edu>
Pentium/90 Plato          36.4   Joe Valenzuela <smarm@ibm.net>
Pentium/90                36.5   Mike Kelleher <mikejk@umfacad.maine.edu>
Pentium/90                36.9   Ted Gaunt <tgaunt@pms701.pms.ford.com>
Pentium/100 overcl        38.39  Stefan Onderka <stefan.onderka@metronet.de>
Pentium/100               39.52  Adrian Blues <adrian@hypereality.co.uk>
Pentium/100 overcl        39.73  Phil Howard <phil@clr.com>
Pentium/100               39.73  <Peter.Weiss@informatik.uni-oldenburg.de>
Pentium/100 0c            39.73  Jason Crawford <jasonc1@gramercy.ios.com>
Pentium/100 overcl        39.83  Stefan Onderka <stefan.onderka@metronet.de>
Pentium/100               39.93  Tom Miller <tvtom@en.com>
Pentium/100 Cyrix         39.94  Mike Holland <myk@cygnus.uwa.edu.au>
Pentium/100               39.94  KAZ Vorpal <kaz@upx.net>
Pentium/100 overcl        39.94  Donar G.E. Alofs <donar@cs.vu.nl>
Pentium/100               39.94  Larry Snyder <larry@trauma.iag.net>
Pentium/100               39.94  Ian Hill <ian@hecate.phy.queensu.ca>
Pentium/100               39.94  John Crawford <link@spu.edu>
Pentium/100               39.94  Alexandre de Menezes <menezes@peta.com.br>
Pentium/100               39.94  Jered <jered@mit.edu>
Pentium/100 overcl        39.94  Ian <irs2@tweedledum.amp.york.ac.uk>
Pentium/100               39.94  Brian McGhee <brianm@iceonline.com>
Pentium/100               39.94  M Skjelland <morten.skjelland@pvv.unit.no>
Pentium/100               39.96  Dan Kha <dkha@yorku.ca>
Pentium/100               39.98  Phillipe Charon <charron@ecoledoc.ibp.fr>
Pentium/100               40.03  <bon@elektron.ikp.physik.th-darmstadt.de>
Pentium/100               40.08  Ronny Spiegel <rspiegel@htwm.de>
Pentium/100               40.18  David Baldwin <davidb@exis.net>
Pentium/100               40.18  <habibie@catevr.fiu.edu>
Pentium/120 Cyrix         47.8   Simon Ho <simon@epsilon.win-uk.net>
Pentium/120               47.82  Jorge Juan-Chico <jjchico@imse.cnm.es>
Pentium/120 Cyrix         47.92  Joel N. Squire <squire@colorado.edu>
Pentium/120               47.93  Umberto d'Ortona <umberto@grenet.fr>
Pentium/120 Cyrix         47.93  Jim T. Polk <jtpolk@cris.com>
Pentium/120               47.93  Jon Trowbridge <trow@mcs.com>
Pentium/120               47.98  Craig Bates <cbates@psu.edu>
Pentium/120               47.92   Aaron Brick <abrick@dcc.uchile.cl>
Pentium/120 Cyrix         48     Steve <horne@mhd2.pfc.mit.edu>
Pentium/120               48.00  Michael Wazenski <mwazenski@dsrnet.com>
Pentium/120 Intel         48.02  Scott M. Grim <sgrim@netwalk.com>
Pentium/120 Cyrix         48.27  Glenn T. Jayaputera <gjt@budgie.apana.org.au>
Pentium/120               48.27  Roman Mitnitski <mitnits@shany.net>
Pentium/120               48.27  Peter Walsh <pwalsh@rain.org>
Pentium/120 Cyrix         48.2   Viznyuk <sviznyuk@magnus.acs.ohio-state.edu>
Pentium/120               49.27  Simon Hargrave <simon@revell.demon.co.uk>
Pentium/133               53.04  Wayne Roberts <wroberts@aug.com>
Pentium/133               53.04  A.J. Wilson <wilston.austin.aj@bhp.com.au>
Pentium/133               53.04  Gregory Travis <greg@indiana.edu>
Pentium/133 overcl        53.04  A. Kunigelis <algikun@santaka.sc-uni.ktu.lt>
Pentium/133 Intel         53.04  Jimmie Farmer <calvin@malchick.com>
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   Pentium/133              53.25  Chuck Mattern <cmattern@mindspring.com>
   Pentium/133              53.26  Glenn Holt <gholt@lsil.com>
   Pentium/133              53.26  Heikki Levanto <heikki@lsd.ping.dk>
   Pentium/133              53.26  Chaim Tarshish <chaim@ipl.med.nyu.edu>
   Pentium/133              53.26  Mitchell B. Hamm <hamm@one.net>
   Pentium/133              53.26  Donald Lewis <dlewis@jackson.freenet.org>
   Pentium/133              53.26  Jon Trowbridge <trow@kremlin.emccta.com>
   Pentium/133              53.26  Charny Peete Mitchell <cpmiche@eos.ncsu.edu>
   Pentium/133 256c         53.26  David Wuertele <dave@gctech.com>
   Pentium/133 256c         53.68  Guiseppe Miceli <ferdy@ccii.unipi.it>
   Pentium/133              53.68  Michael Kress <kress@hal.saar.de>
   Pentium/150 Intel        59.80  Joel D. Young <jdyoung@afit.af.mil>
   Pentium/150              60.01  Joost de Greef <joost@stack.nl>
   Pentium/150 overcl       60.21  Duarte Cordeiro <l38404@alfa.ist.utl.pt>
   Pentium/166              66.16  Pedro Soria-Rodriguez <sorrodp@wpi.edu>
   Pentium/166              66.35  K. Visweswaran <kviswesw@lehman.com>
   Pentium/166              66.36  T. Endo <enchan@trc.rwcp.or.jp>
   Pentium/166              66.44  Donald Lewis <dlewis@jackson.freenet.org>
   Pentium/166              66.76  F. Baitinger <baiti@herrenberg.netsurf.de>
   Pentium/166              67.10  Jon Trowbridge <trow@mcs.com>
   Pentium/166              67.10  Dylan <dylan@ert.com>
   Pentium/166 512c         67.10  Dirk Freese <freese@infra.de>
   Pentium/188 overcl       74.96  Reijo Pitkanen <reijop@bzln.com>
   Pentium/200              79.66  Piete Brooks <Piete.Brooks@cl.cam.ac.uk>
   Pentium/200              79.69  Timm Gleason <timm@bess.net>
   Pentium/200              79.89  Dave S. Baker <dave@acedia.demon.co.uk>
   Pentium/200              78.87  Nick D'Apice <ndapice@erols.com>
   Pentium/200              80.08  Anders Stenback <stenback@hehe.com>
   Pentium/200              80.08  Steve Freeland <sfreel@cs.mcgill.ca>
   Pentium/200              81.92  Steve Baur <steve@xemacs.org>
*  Pentium/60              119.60  Luis Miguel Bruga <lmburga@ieee.org>
*  Pentium/90              179.81  Gavin McDonald <gavitron@telus.net>
*  Pentium/100 HP          197.00  Kevin Rutan <mt2mb@neo.rr.com>
*  Pentium/100             198.66  Patrick Nichols <pat@humbug.org.au>
*  Pentium/133             265.42  Max Vasin <max@mail.ru>
*  Pentium/133             266.24  Vadim <root@teleline.es>
*  Pentium/166             331.78  Sabu <sabu@chatpr.org>
*  Pentium/166             332.60  Electra Flarefire <bcrowe@optushome.com.au>
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3.7 Oddly or faultily configured Pentium systems

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   System                BogoMips  Reporter
   Pentium/66               2.18   Bob Myers <root@shyguy.lonestar.org>
   Pentium/90 notebook       9.5   Mark Maybee <markm@cs.colorado.edu>
   6x86/120 Cyrix           52.32  Joel Boring <dwild@eskimo.com>
   Pentium/83 Overdrive     82.85  Brian Smith <smithb@laraby.tiac.net>
   Pentium/83 Overdrive     83.32  Scott Francis <mord@netcom.com>
   Pentium/83 Overdrive     82.94  G. Spiegelberg <greg@owens.ridgecrest.ca.us>
   Pentium/83 Overdrive     83.35  Jacek Polewczak <jacek.polewczak@csun.edu>
   6x86/120 P120+overcl    104.86  Howard Poe <falcor@kingsnet.com>
   Pentium MMX/266         130.66  <yorkchan@hotmail.com>
   Pentium MMX/263 overcl  392.40  John Appleby <jma24@cam.ac.uk>
   AMD K6-2/300            399.95  Chris Ebenezer <chriseb@nortelworks.com>
   Pentium MMX/231         419.43  Juan Domenech <domenech@mail.seric.es>
   Pentium MMX/263 overcl  435.87  Juan Domenech <domenech@mail.seric.es>
   SMP4 Pentium Pro/200    700.13  R. Carrico <robert_carrico@themoneystore.com>
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3.8 Pentium variations: Intel (MMX, Pro, II, Celeron, III, 4)

System	BogoMips	Reporter
Pentium MMX/133	265.77	Ron Peters <rpeters@f15fast.al.intel.com>
Pentium MMX/150	307.53	Sami Sihvonen <buggy@fix.no>
Pentium MMX/166 notebk	329.31	Massimo Pinto <pinto@graylab.ac.uk>
Pentium MMX/166 notebk	331.75	NN <visionary@aura.title14.com>
Pentium MMX/166	331.78	Rob Janssen <pe1chl@amsat.org>
Pentium MMX/166	331.78	Dave Page <dave@vale-housing.co.uk>
Pentium MMX/166	331.78	Matthew C. Sell <amtmcs@amsta.leeds.ac.uk>
Pentium MMX/166	333.41	Sjoelie <patrick@sjoel.xs4all.nl>
Pentium MMX/166	333.41	Viet Yen Nguyen <vt@multiweb.nl>
Pentium MMX/166	333.41	Marcin Owsiany <porridge@lo4.ids.bielsko.pl>
Pentium MMX/180	358.81	David Efflandt <efflandt@xnet.com>
Pentium MMX/200	398.13	Andy Saunders <andi@numenor.oucs.ox.ac.uk>
Pentium MMX/200	398.13	A. James Lewis <james@vrtx.net>
Pentium MMX/200	398.13	Sean Horan <sean@psy.ed.asu.edu>
Pentium MMX/200	398.19	Fabio Comolli <comolli@tin.it>
Pentium MMX/200	398.95	Reinhold J. Gerharz <rgerharx@erols.com>
Pentium MMX/200	398.95	Eric Beymer <beymer@soundex.com>
Pentium MMX/200	398.95	Duane Steel <dsteele@direct.ca>
Pentium MMX/200	398.95	<ndpilatz@undergrad.math.uwaterloo.ca>
Pentium MMX/200 mobile	398.95	Nam <nam@netvigator.com>
Pentium MMX/200	399.77	Wei-shi Tsai <perdita@dallas.crosswinds.net>
Pentium MMX/200	399.77	Erik Terpstra <erik@solidcode.net>
Pentium MMX/200	400	Rob Jokinen <rjokinen@rt66.com>
Pentium MMX/200	400.59	Paul Black <paul@darwin.demon.co.uk>
Pentium MMX/200	400.59	Juho Cederstrom <cederstrom@kolumbus.fi>
Pentium MMX/200	400.59	Bart <bart@aceonline.com.au>
Pentium MMX/210 overcl	416.97	John Saunders <john@nlc.net.au>
Pentium MMX/225 overcl	448.92	Ingo Reimann <reimann@uni-muenster.de>
Pentium MMX/225 overcl	448.92	Mattias Hembruch <mghembru@ece.uwaterloo.ca>
Pentium MMX/225 overcl	448.92	Larry Lade <lade@btigate.com>
Pentium MMX/230 overcl	461.85	Rene Stanneveld <edge@huizen.nhkanaal.nl>
Pentium MMX/233	463.67	Rui M.B. Machado <rui@nifdl7.fd.ul.pt>
Pentium MMX/233	463.67	Rob Janssen <pe1chl@amsat.org>
Pentium MMX/233	463.67	Jose Maria Perez Box <jmpbox@etsin.upm.es>
Pentium MMX/233	465.31	Per Andersson <ppan@cntw.com>
Pentium MMX/233	466.94	Eric George <ergeorge@worldnet.att.net>
Pentium MMX/233	466.94	Van Overbruggen <marcel@johannes.iconnect.nl>
Pentium MMX/233	466.94	Keith Beacham <kbeacham1@sympatico.ca>
Pentium MMX/233	466.94	Erwin Lubbers <erwin@box.nl>
Pentium MMX/250 overcl	498.07	Maarten van Rossum <m@vr.xs4all.nl>
Pentium MMX/266 overcl	525.93	Frank <r2@xs4all.nl>
Pentium MMX/266	532.48	Wade Mealing <root@damage>
Pentium MMX/290 overcl	581.63	Brian <eradicator@home.com>
Pentium Pro/133	132.88	John D. Sundberg <jdsundberg@mmm.com>
Pentium Pro/150	149.50	Rogier Wolff <wolff@bitwizard.nl>
Pentium Pro/180	179.61	Chuck Fee <fee@ch4549.org>
Pentium Pro/200	197.42	Michael Griffith <grif@cs.ucr.edu>
Pentium Pro/200	197.42	Curtis Varner <carner@cs.ucr.edu>
Pentium Pro/200	198.84	Erik Max Francis <max@alcyone.com>
Pentium Pro/200	198.84	Marc Winkler <marcus@healthchex.com>
Pentium Pro/200	199.04	V. Bostrom <Vareck_Bostrom@ccm.jf.intel.com>
Pentium Pro/200	199.06	Justin Clancy <justin@hippos.demon.co.uk>
Pentium Pro/200	199.06	Glenn Lamb <mumford@netcom15.netcom.com>
Pentium Pro/200	199.06	Laszlo Herczeg <las@light-house.com>
Pentium Pro/200	199.07	Stefan <boresch@schuber.u-strasbg.fr>
Pentium Pro/200	199.07	Greg Fausak <lgfausak@august.com>
Pentium Pro/200	199.07	Chris Jones <chris@planetsymphone.com>

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    Pentium Pro/200          199.07  Matthew S. Crocker <matthew@crocker.com>
    Pentium Pro/200          199.07  Roberto <rc@cr.com>
    Pentium Pro/200          199.95  Reinhold J. Gerharz <rgerharx@erols.com>
    Pentium Pro/200          200.32  Gil Megidish <gmegidis@ort.org.il>
    Pentium Pro/200          200.32  Jose Navarro <jnavarro@aoc.nrao.edu>
    Pentium Pro/200          200.32  <Eric_Zucker@om.hp.com>
    Pentium Pro/200          200.32  Wayne Scott <wscott@ichips.intel.com>
    Pentium Pro/200          200.32  Adrian L. Hosey <ahosey@cs.indiana.edu>
    Pentium Pro/233 overcl   234.43  S. Curtarolo <auro@spiro.fisica.unipd.it>
    Pentium Pro/400          397.31  Lamarque Vieira Souza <lamarque@dcc.ufmg.br>
*   Pentium Pro/200          399.76  Horst Wente <horst.wente@acm.org>

    Pentium II/233           232.65  Jan Houtsma <jan@houtsma.net>
    Pentium II/233           233.47  Torbjoern Kristoffersen <torbkris@online.no>
    Pentium II/233           233.47  Sorin Mitran <mitran@irs.fzk.de>
    Pentium II/266           265.42  Jon Trowbridge <trow@kremlin.emccta.com>
    Pentium II/266           265.42  A. Hochwimmer <a.hochwimmer@auckland.ac.nz>
    Pentium II/266           265.42  Matt Garman <garman@ews.uiuc.edu>
    Pentium II/266           265.42  Robert Woodwort <woodwort@utmc.utc.com>
    Pentium II/266           265.44  Nick Ullman <nick@avenza.com>
    Pentium II/266           266.24  Pieter Eendebak <p.t.eendebak@phys.uu.nl>
    Pentium II/266           266.24  John Calison <jcalison@mindspring.com>
    Pentium II/266           267.06  James McKinnon <jmack@phys.ualberta.ca>
    Pentium II/266           267.06  Greg <gl2hughes@undergrad.math.uwaterloo.ca>
    Pentium II/266           267.06  Pros Robaer <pros@innet.be>
    Pentium II/266           272.79  Frank Hale <frankhale@worldnet.att.net>
    Pentium II/300 overcl    299.01  Martin Lathoud <nytral@endirect.qc.ca>
    Pentium II/300           299.83  Andy Busch <buschap@acs.wooster.edu>
    Pentium II/333           332.60  Eric Games <frequenc@laf.cioe.com>
    Pentium II/350           347.34  NN <silkythreads@home.com>
    Pentium II/350           349.80  Rizzoli <rizzoli@planet.it>
    Pentium II/350           349.80  Jeff Bishop <jbish@airmail.net>
    Pentium II/400           396.49  Abhijit Menon-Sen <ams@wiw.org>
    Pentium II/400           396.49  Sven Skrivervik <sven.skrivervik@eunet.no>
    Pentium II/400           398.13  Floris Martens <fmartens@bigfoot.com>
    Pentium II/420 overcl    416.15  Rafal <rafamiga@uucp.polbox.pl>
    Pentium II/448 overcl    447.28  Mathieu Bois <mathieu.bois@nomura.co.uk>
    Pentium II/450           447.28  Mathieu Bois <mathieu.bois@nomura.co.uk>
    Pentium II/450           447.28  Stuart Nuttall <stu@etcs.demon.co.uk>
    Pentium II/450           447.28  Richard R. Urena <urena@wilde.oit.umass.edu>
    Pentium II/450           447.28  Brantley Jones <bjones@cte.net>
    Pentium II/450           447.28  Esmail Bonakdarian <esmail@uiowa.edu>
    Pentium II/466           462.03  Bjorn Lindgren <bjorn@chiba.cx>
    Pentium II/504 overcl    502.99  David Hand <dhand@best.com>
    Pentium II/515           514.46  NN <luckydaze@netzero.net>
*   Pentium II/272           542.31  Ton <ton@somedomain.com>
*   Pentium II/307           614.40  Nicolas Boiteux <athome1@caramail.com>
*   Pentium II/333           663.55  John Ferriby <john@interbroad.com>
*   Pentium II/350           699.60  Teun Warnaar <tat@dds.nl>
*   Pentium II/350           699.50  Jan <jan-bruchsal@gmx.net>
*   Pentium II/360           719.25  <tgreaves@my-deja.com>
*   Pentium II/400           792.99  Abhijit Menon-Sen <ams@wiw.org>
*   Pentium II/400           794.62  Mark Dickie <mark@dickie29.freeserve.co.uk>
*   Pentium II/400           794.62  Abhijit Menon-Sen <ams@wiw.org>
*   Pentium II/400 mobile    797.90  Marvin Pierce <mpierce@bigpond.net.au>

    Celeron/300              299.83  Abhijit Menon-Sen <ams@wiw.org>
    Celeron/300              299.97  Helmut <helmut@cancon.com>
    Celeron/300              307.20  Richard M. Sugg <richardsugg@earthlink.net>
    Celeron/333              332.6   Florian <florian@egon-bbs.n-a-m.de>
    Celeron/333              330.96  Douglas E Harmon <genius91@gate.net>
    Celeron/366              367.00  Raul Belisario <storm@gold.com.br>
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    Celeron/400             398.13  Polaris <polaris_c@my-deja.com>
    Celeron/466 overcl      462.03  Tim Moore <timothymoore@bigfoot.com>
    Celeron/500             498.07  Falk Herwig <fherwig@uvic.ca>
    Celeron/500             499.71  Bruce H <xxx@att.net>
*   Celeron/300             598.01  R.J. Bergeron <rjber1@geocities.com>
*   Celeron/433             865.07  Rob Farrel <rpf@comcast.net>
*   Celeron/433             868.35  Abhik Sarkar <asarkar@optoconnect.net.in>
*   Celeron/450             897.84  Mike <rapacity@ii.net>
*   Celeron/466             927.33  John Pester <johnp@sonicwall.com>
*   Celeron/500             999.42  Pekka Tiitanen <peti@kauha.kauhajoki.fi>
*   Celeron/533            1064.96  F. Alfaro <al528580@mail.mty.itesm.mx>
*   Celeron/566            1127.22  Bacsi Roland <broland@freemail.hu>
*   Celeron/600            1192.75  Shaun Ewing <shaun@shaunewing.com>
*   Celeron/800            1599     Yves Bellefeuille <yan@storm.ca>
*   Celeron/900            1795.68  Hannes Schmiderer <hannes@schmiderer.cc>
*   Celeron/1035           2064.38  Marlboro <marlboro_chen@163.net>

    Pentium III/450         447.28  Windsurfer <acorupe@earthlink.net>
    Pentium III/450         450.56  Rogier Spieker <rogier@metallica.com>
    Pentium III/500         496.44  Cesar Bravo <cesar.bravo@compaq.com>
    Pentium III/400         497.85  Eric McCoy <emccoy@hamilton.edu>
    Pentium III/500         498.00  Rajko Wehrhahn <seymour@link-c.cl.sub.de>
    Pentium III/500         499.71  Morris Walton <mccw@ipass.net>
    Pentium III/550         547.23  Art <aeolian@yahoo.com>
    Pentium III/550         548.86  Chris <chiuhing@hotmail.com>
    Pentium III/550         548.86  Evan L. Carew <ecarew@emagtechnologies.com>
    Pentium III/600         598.02  Elaine Wenderholm <wender@cs.oswego.edu>
    Pentium III/600         599.65  Donna Williams <silkythreads@home.com>
    Pentium III/600         599.65  Steve Cousins <cousins@umit.maine.ude>
    Pentium III/733         733.73  Ryan Snodgrass <ryan_snodgrass@my-deja.com>
    Pentium III/733         734.00  Steve Cousins <cousins@umit.maine.ude>
    Pentium III/750         747.11  Yong <yonliu@my-deja.com>
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*   Pentium III/450         894.56  Achim Breunig <achim.breunig@khe.siemens.de>
*   Pentium III/450         897.84  Paul Drees <pad53945@sci.tamucc.edu>
*   Pentium III/450         901.12  Darrick Wong <DarrickWong@mindspring.com>
*   Pentium III/450         901.12  Abhijit Menon-Sen <ams@wiw.org>
    Pentium III/933         930.61  Cipriano Groenendal <cipri@ezlinux.nl>
    Pentium III/500         992.87  Q. Uijldert <quiten.uijldert@vicorp.com>
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*   Pentium III/500         999.75  Darrick Wong <DarrickWong@mindspring.com>
    Pentium III/900        1028.92  Charles Reese <creese@engr.ucsb.edu>
*   Pentium III/533        1061.68  Ian Pilcher <pilcher@concentric.net>
*   Pentium III/550        1064.96  Limin Yu <dragontec@justsystem.co.jp>
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*   Pentium III/550        1101.50  Julius Wijaya <jwijaya@gmx.co.uk>
*   Pentium III/560        1117.39  Jurriaan <thunder@xs2all.nl>
*   Pentium III/600        1192.75  F. Corona <fcorona@marte.dicm.unica.it>
*   Pentium III/600        1192.76  Taco IJsselmuiden <taco@wep.tudelft.nl>
*   Pentium III/600        1192.76  Alex Jenner <alexj@ihug.co.nz>
*   Pentium III/600        1199.31  J Uusi-Maahi <jarmo.uusi-maahi@kanetti.com>
*   Pentium III/645        1287.78  Dimitri <d_barsoukov@hotmail.com>
*   Pentium III/666        1330.38  Bacsi Roland <broland@freemail.hu>
*   Pentium III/700        1389.36  Abhijit Menon-Sen <ams@wiw.org>
*   Pentium III/700        1399.19  Vipul Mathur <vipul@linux-delhi.org>
*   Pentium III/700        1399.19  Chris Raters <craters@toasty.com>
*   Pentium III/700        1405.74  Sam Worf <samworf@newsguy.com>
*   Pentium III/700        1441.79  <a.giachino@ekkinc.com>
*   Pentium III/730        1461.45  Timm Murray <admin@madtimes.com>
*   Pentium III/800 Vaio   1543.37  Scott Maines <smaines@alaya.com>
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*  Pentium III/800        1592.52  Marcio Pessoa <marcio_pessoa@ig.com.br>
*  Pentium III/800        1602.36  Lew Pitcher <lpitcher@yesic.com>
*  Pentium III/866        1723.60  Rob Farrell <rpf@speakeasy.net>
*  Pentium III/866        1723.60  Elgar Pichler <epichler@yahoo.com>
*  Pentium III/866        1730.15  John Bland <shrike@homer.cmp.liv.ac.uk>
*  Pentium III/933        1816.22  Cipriano Groenendal <cipri@ezlinux.nl>
*  Pentium III/1000       1985.74  John Davis <root@anc.net>
*  Pentium III/1000       1992.29  Michael Lush <mlush@hgmp.mrc.ac.uk>
*  Pentium III/1000 mob   1992.29  Ali Soylu <alisoylu@jhu.edu>

   Pentium 4/1300         2588.67  Nick Johnson <npj7y@virginia.edu>
   Pentium 4/1400         2785.28  Hans Loos <hans_loos@hp.com>
   Pentium 4/1500         2962.23  Gary Bridgewater <gbdsb@pacbell.net>
   Pentium 4/1500         2981.88  William C. Glaub <virage@vast.net>
   Pentium 4/1700         3381.65  Janossy Laszlo <djagga@kabelkon.ro>
   Pentium 4/1700         3407.87  J. Esquivel <jeroot@angloamericano.ed.cr>
```

3.9 Pentium variations: Cyrix, AMD (K5/K6/K7, Duron, Athlon), Centaur

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   System                BogoMips  Reporter
   Cyrix 5x86/100          100.16  NN <root@anxa04.cc.ic.ac.uk>
   Cyrix 5x86/100          100.19  Valient Gough <vgough@teton.mines.edu>
   Cyrix 5x86/100          100.47  C.Chan <chan@alfrothul.uchicago.edu>
   Cyrix 5x86/120 P150+    119.60  Wynstan Tong <wynstan@eecg.toronto.ca>
   Cyrix 5x86/120 P150+    119.60  Joel N. Squire <squire@colorado.edu>
   Cyrix 5x86/120 P150+    119.83  Leland Olds <olds@eskimo.com>
   Cyrix 5x86/120 P150+    119.83  NN <root@anxa04.cc.ic.ac.uk>
   Cyrix 5x86/120 P150+    120.68  C.Chan <chan@alfrothul.uchicago.edu>
   Cyrix 5x86/120 P150+    122.01  Andre Coetzee <acoetzee@ctcc.gov.za>

   Cyrix 6x86/100           99.42  Stig M. Valstad <svalstad@sn.no>
   Cyrix 6x86/110 P133+    109.77  Matthew Flint <matthew@philtrum.demon.co.uk>
   Cyrix 6x86/110 P133+    109.77  John Merriam <suprnaut@esslink.com>
   Cyrix 6x86/110 P133+    109.77  Keith Smith <keith@ksmith.com>
   Cyrix 6x86/110 P133+    111.82  Lew Pitcher <lpitcher@yesic.com>
   Cyrix 6x86/120 P150+    119     Jean-Claude Gouiran <jcg13@ibm.net>
   Cyrix 6x86/120 P150+    119.60  Taso Lyristis <taso@remus.rutgers.edu>
   Cyrix 6x86/120 P150+    119.60  Hrvoje Stipetic <stipe@zemris.fer.hr>
   Cyrix 6x86/120          119.60  Yakko J. Warner <yakko@wtower.com>
   Cyrix 6x86/120 P150+    119.60  B. James Philippe <bryan@terran.org>
   Cyrix 6x86/120 P150+    119.83  Roger Merchberger <zmerch@northernway.net>
   Cyrix 6x86/120          119.83  Daniel Wold <danw@panix.com>
   Cyrix 6x86/120          120     John C. Beasley <beaslej1@nevada.edu>
   Cyrix 6x86/120 P150+    120.01  Jay Thorne <jay@result.com>
   Cyrix 6x86/120 P150+    120.01  Jeawan Kim <jaewan@harc.edu>
   Cyrix 6x86/120 P150+    120.91  Cymen <cymen@ziplink.net>
   Cyrix 6x86/133 undercl  132.30  Maurice Janssen <mauricej@xs4all.nl>
   Cyrix 6x86/133 P166+    132.71  Holger Kemper <hok@balu.ping.de>
   Cyrix 6x86/133 P166+    132.71  Hrvoje Stipetic <stipe@zemris.fer.hr>
   Cyrix 6x86/133 P166+    132.71  Michael Junek <mikey@webfocus.net.au>
   Cyrix 6x86/133 P166+    132.82  Alex Liffers <aliffers@tartarus.uwa.edu.au>
   Cyrix 6x86/133 P166+    132.82  Brian C. Theobald <theobald@nortel.ca>
   Cyrix 6x86/133 P166+    132.88  Alvaro Lopes <alvieboy@utad.pt>
   Cyrix 6x86/133 P166+    132.88  Craig Andersen <andersen@fastlane.net>
   Cyrix 6x86/133 P166+    133.73  C. Drews <drews_c@informatik.fh-hamburg.de>
   Cyrix 6x86/133 P166+    133.12  Daniel Gritter <dgritt47@calvin.edu>
   Cyrix 6x86/150 P200+    149.50  Evan L. Schemm <elschemm@mtu.edu>
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    Cyrix 6x86/150 P200+     149.50  Steven Rainwater <srainwater@ncc.com>
    Cyrix 6x86/150 P200+     149.50  Mike <rapacity@ii.net>
    Cyrix 6x86/150 P200+     149.91  Sid Boyce <szb50@amdahl.com>
    Cyrix 6x86/150 P200+     149.91  Eric Haas <haas@andrew.cmu.edu>
    IBM 6x86/150 P200        149.96  M.D. Guardia <mikedg@ghostbbs.pandora.it>
    Cyrix 6x86MX/166 A-Step  16.89   F. Friedman-Romell <ak398@safr.org>
    Cyrix 6x86MX/166 A-Step  166.71  David Anderson <rovaughn@infoave.net>
    Cyrix 6x86MX/188 P233    186.78  Dominic Baines <rdab100@hermes.cam.ac.uk>
    Cyrix 6x86MX/188 P233    187.19  Dominic Baines <rdab100@hermes.cam.ac.uk>
    Cyrix 6x86/225           223.28  Dean Mills <deanmills@home.com>
    Cyrix 6x86MII/233 P300   233.47  Russell Marks <rus@forfree.at>
    Cyrix 6x86MII/233 P300   233.47  S. Fuller <stu@c49395-a.wodhvn1.mi.home.com>
    Cyrix 6x86MX/300 overcl  280     Terry Porter <tjporter@odyssey.apana.org.au>
*   Cyrix 6x86M/266          524.29  Juan Pablo <jpdborgna@yahoo.com.ar>

    AMD K5/75                149.91  Simon Karpen <slk@linux-shell.net>
    AMD K5/90                179.40  <root@krabi.mbp.ee>
    AMD K5/90                179.40  Ken Edwards <edwards@thor.xon.cuug.ab.ca>
    AMD K5/90                179.40  Marcin Owsiany <porridge@lo4.ids.bielsko.pl>
    AMD K5/90                179.81  Marcin Owsiany <porridge@lo4.ids.bielsko.pl>
    AMD K5/90                180.22  Hector DC Gonzalez <turbo@linux.lsl.com.mx>
    AMD K5/90                181.00  Drew Golden <golden@platinum.nb.net>
    AMD K5/100 PR133         198.66  Trond Solem <trond.solem@homemail.com>
    AMD K5/100 PR133         199.07  Henri Jamgotchian <hjamgot@planete.net>
    AMD K5/100 PR133         199.48  Dark Mind <root@dmh.ml.org>
    AMD K5/100 PR133         199.88  J. Grassel <grassel@heart.cas.und.nodak.edu>
    AMD K5/100 PR133         199.88  Berend Reitsma <berend@united-info.com>
    AMD K5/100 PR133         200.29  Tilman Sommer <sommer@vsun02.ag01.kodak.com>
    AMD K5/100 PR133         200.32  Carlo Politi <cpoliti@mare.gol.grosseto.it>
    AMD K5/100 PR133         199.07  Franco De Angelis <fda@ied.unipr.it>
    AMD K5/100 PR133         199.07  HaJo Simons <hajo@frodo.com>
    AMD K5/116 PR166         233.47  Hans-Joachim Baader <hans@grumber.ika.de>
    AMD K5/116 PR166         233.47  Sean Kelly <s.kelly@newcastle.ac.uk>
    AMD K5/120 PR133 overcl  239.21  Chris Harshman <harshman@paradigm.uor.edu>

    AMD K6-2/150 undercl     299.83  Alex Montaron <canal@multimania.com>
    AMD K6/166               332.60  David Parsons <orc@pell.chi.il.us>
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    AMD K6/200               398.13  Milton <nyceyes@nyceyes.com>
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    AMD K6/200               398.89  Ian Hanschen <hanschen@uwyo.edu>
    AMD K6/200               398.98  Philip Lijnzaad <lijnzaad@columba.ebi.ac.uk>
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    AMD K6/200               399.78  Dan Hetzel <dan@icor.fr>
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    AMD K6/200               400.59  Mark Lehrer <edge@dux.raex.com>
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    AMD K6/208               417.97  J.F. Ursetto <ursetto@uiuc.edu>
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    AMD K6/225 overcl        450.56  M. Cramer <mccramer@stuttgart.netscape.de>
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    AMD K6/233               466.5   R. Garcia <rgarciaitt@aol.com>
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AMD K6/233              466.94  Andreas Haumer <andreas@xss.co.at>
AMD K6/233              466.94  Damien Castelltort <eznerald@mail.mnet.fr>
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AMD K6/233              466.94  Maheswara <maheswara@freeuk.com>
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AMD K6-2/333            665.19  A. Bihlmaier <stormtank@gmx.net>
AMD K6-2/338 overcl     675.02  Nicola Fabiano <mx8644@mclink.it>
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AMD K6-2/350 3D         699.60  Mirko Schur <mschur@t-online.de>
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AMD K6-2/366            732.36  Risto A. Paju <rp241@cam.ac.uk>
AMD K6-2/366            734.00  Alex Montaron <canal@multimania.com>
AMD K6-2/366 3D overcl  734.00  Enrico Oreglia <oreglia@ibm.net>
AMD K6-2/400 3D         796.26  Rodney <nycjedi@my-deja.com>
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AMD K6-2/400            799.54  Chris <cpr@intergate.bc.ca>
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AMD K6-2/400            799.54  Matt Graham <mhgraham@fleabag.nullhouse.org>
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AMD K6-2/400 overcl     801.18  Phillip Deackes <gsmh@gmx.net>
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AMD K6-2/400            801.18  Ted E. Suter <nexion@home.com>
AMD K6-2/400            801.18  Warren B. Hapke <wbhapke@prairienet.org>
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AMD K6-2/400 overcl     801.5   Juan Domenech <domenech@tarraco.seric.es>
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AMD K6-2/440            878.18  Steve Bourland <sbourlan@ecn.purdue.edu>
AMD K6-III/450          897.84  Craig <craig@pop.uky.edu>
AMD K6-III/450          897.84  John Pate <johnny@dvc.org.uk>
AMD K6/450 3D           897.84  Igor Chudov <ichudov@algebra.com>
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   AMD K6-2/455 3D overcl  914.23  Graham Reed <grwr@ssm.ca>
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   AMD K6/500 3D           996.14  Matt <mwr4722@fox.tamu.edu>
   AMD K6/500 3D           996.14  Jens Reimann <frankreimann@t-online.de>
   AMD K6-2/500            999.42  Jon Berlin <jberlin@worldbank.org>
   AMD K6-2/500 3D         999.42  Laurent <blackm@pop.multimania.com>
   AMD K6-2/500            999.42  Robert <robert@mrcomputers.net>
   AMD K6-2/500            999.42  Craig <craig@pop.uky.edu>
   AMD K6-2/500            999.42  John Pate <johnny@dvc.org.uk>
   AMD K6-2/500 3D         999.42  infoman <register_reg@yahoo.com>
   AMD K6-2/550 3D        1101.00  Jon Berlin <jberlin@worldbank.org>
   AMD K6-2/550           1101.00  James Yang <jamesy@no-email>
   AMD K6-2 550           1101.00  Hugh Wilson <hugh.e.wilson@gm.com>

   AMD Duron/600          1205.86  Chad Daelhousen <loonxtall@hotmail.com>
   AMD Duron/650          1294.34  Levi Ramsey <lramsey@student.umass.edu>
   AMD Duron/700          1395.92  N. Fabiano <nicola.fabiano@pg.infn.it>
   AMD Duron/700          1395.92  Dennis van Dok <dvandok@quicknet.nl>
   AMD Duron/700          1395.92  A. Aksiucik <a.aksiucik@elka.pw.edu.pl>
   AMD Duron/700          1399.19  Stuart Trusty <stuart@linuxlabs.com>
   AMD Duron/700          1399.19  Krzysztof Nikiel <knik@priv.onet.pl>
   AMD Duron/740          1477.83  Corey <corey@eyetap.org>
   AMD Duron/750          1500.77  Anson Ringenoldus <ansonr@mac.com>
   AMD Duron/800          1595.80  Papp Tamas <tompos@ns.martos.bme.hu>
   AMD Duron/900          1795.69  Yves Bellefeuille <yan@storm.ca>
   AMD Duron/900          1789.13  Ye Myint <ymyint@indiana.edu>

   AMD K7/500              498.07  Ludwig <cludwig@informatik.uni-tuebingen.de>
   AMD K7/550              548.86  Kieffer <Jerome.KIEFFER@crans.ens-cachan.fr>
   AMD Athlon/600          598.02  C. Heiming <heiming@informatik.uni-kl.de>
   AMD Athlon/600          598.02  Ted Michael <obliv10n@netscape.net>
   AMD Athlon/600          602.93  Chris Wren <wChris@ubginc.com>
   AMD K7/655              652.08  Mark Steele <msteele@belent.com>
   AMD Athlon/750          747.11  A Galinovic <andro.galinovic@public.srce.hr>
   AMD K7/750              748.75  Manuel Moran Vaquero <mmv@geocities.com>
   AMD Athlon/755          752.03  Mark Steele <msteele@belent.com>
*  AMD Athlon/500          996.51  Taco IJsselmuiden <taco@wep.tudelft.nl>
*  AMD K7/700             1196.03  N. Dimpfl <norbert.dimpfl@primusnetz.de>
*  AMD Athlon/600         1198.04  Carsten <heiming@informatik.uni-kl.de>
*  AMD Athlon/600         1205.86  Stefan Schroepfer <scr@iis.fhg.de>
*  AMD Athlon/630         1258.29  Nanagiotis Papadakos <papadako@csd.uoc.gr>
*  AMD K7/650             1294.34  Robbe Bihlmeyer <robbe@orcus.priv.at>
*  AMD K7/650             1294.33  Mitch Keller <mitch_keller@my-deja.com>
*  AMD K7/650             1297.61  Travis Brown <tfb999@yahoo.com>
*  AMD Athlon/700         1387.51  Bradley Lawrence <cecil@niagara.com>
*  AMD Athlon/700         1395.92  Joop Stakenborg <aba@casema.net>
*  AMD Athlon/700         1395.92  Martin Kamin <kamin@atlas.cz>
*  AMD Athlon/700         1405.74  ofrm <owain@ofrm.demon.co.uk>
*  AMD Athlon/700         1412.30  Ulf Bartelt <ult@twc.de>
*  AMD Athlon/750         1494.22  A Galinovic <thehack@fly.srk.fer.hr>
*  AMD K7/750             1500.30  W Canaday <rgabill@ameritech.net>
*  AMD Athlon/750         1510.60  Ilya Sterin <isterin@ford.com>
*  AMD Athlon/800         1595.80  M Greil <markus.greil@pl.gcd-erlangen.de>
*  AMD Athlon/800         1599.08  ne <akabi@home.com>
*  AMD Athlon/800         1599.08  James NJ <jnj@pobox.com>
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*  AMD Athlon/800         1605.63  Robert A. Morris <ramorris@yifan.net>
*  AMD Athlon/800         1608.91  M Greil <markus.greil@pl.gcd-erlangen.de>
*  AMD Athlon/850         1710.48  Ricardo N. Sanchez <rnsanchez@conex.com.br>
*  AMD Athlon/900         1795.69  <rpseguin@my-deja.com>
*  AMD Athlon/900         1795.69  Yves Bellefeuille <yan@storm.ca>
*  AMD Athlon/1000        1992.29  Wayne Stallwood <wayne@creaturelabs.com>
*  AMD Athlon/1000        1992.29  David Haerdeman <david@2gen.com>
*  AMD Athlon/1000        1992.29  NN <rakim@altavista.net>
*  AMD Athlon/1000        1992.29  Thomas Koester <rufus@uos.de>
*  AMD Athlon/1000        1992.29  Robert E. Blair <reblair@attbi.com>
*  AMD Athlon/1000        1998.85  Pete Ritter <cpritter@home.com>
*  AMD Athlon/1000        2011.96  RJ Bergeron <rjber1@geocities.com>
*  AMD Athlon/1100        2182.35  Stuart Trusty <stuart@linuxlabs.com>
*  AMD Athlon/1200        2392.96  Andy Wiggin <awiggin@alpinemicro.com>
*  AMD Athlon/1200        2392.06  Thomas Koester <rufus@uos.de>
*  AMD Athlon/1300        2588.67  Stuart Trusty <stuart@linuxlabs.com>
*  AMD Athlon/1330        2647.65  Gergo Barany <gergo@tud.at>
*  AMD Athlon/1330        2660.76  Thomas Koester <rufus@uos.de>
*  AMD Athlon/1330        2660.76  Bill Rhodes <wrhodes@27.org>
*  AMD Athlon/1330        2667.31  Christian Leder <wilhelm@gate.ledionline.de>
*  AMD Athlon/1400        2785.28  M. Greil <markus.greil@pl.gcd-erlangen.de>
*  AMD Athlon/1400        2798.38  R.J. Bergeron <rjber1@geocities.com>
*  AMD Athlon/1400        2791.83  Thomas Koester <rufus@uos.de>
*  AMD Athlon/1400        2805.78  Christian Leder <wilhelm@gate.ledionline.de>
*  AMD Athlon/1533        3047.42  Tommy Tonteri <tommy.tonteri@aktia.fi>
*  AMD Athlon/1533        3080.19  Martin Kunz <kunzmartin@gmx.ch>
*  AMD Athlon/1600        3191.60  Dag Viggo Lokøe <dagvl@kvarteret.org>
*  AMD Athlon XP/1600     3191.60  Robert Munro <ramunro1@ix.netcom.com>

   Centaur C6/200           79.46  James Rotenberry <rotenber@jmr.lasx.com>
   Centaur C6-2/233        154.83  Joe Noble <noble@flashman.com>
   Centaur C6-2/200        397.31  James Yang <jamesy@noemail>
   Centaur C6-2/200        398.13  Paolo Cravero <cravero@athena.polito.it>

   Centaur VIA III/700    1399.19  Rudy Ketterer <ideur@yahoo.com>
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3.10 Alpha systems

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   System             BogoMips  Reporter
   21064/150 Jensen        146.80  Jon Davidsson <e98jd@efd.lth.se>
   21064/150 Jensen        147.85  Stefano <terraneo@my-deja.com>
   21064/150 Jensen        148.37  Linus Torvalds <torvalds@cc.helsinki.fi>
   21064/150 Jensen        149.49  J.L. Brothers <brothers@halcyon.com>
   21064/150 Jensen        148.89  Martin Osterman <ost@comnets.rwth-aachen.de>

   21064A/233 AS225 Avanti 228.58  Roberto Giungato <r.giungato@computer.org>
   21064A/233 Avanti       230.16  Rich Griswold <rgriswold@us.ibm.com>
   21064A/275 Cabriolet    271.58  Michal Jaegermann <michal@phys.ualberta.ca>
   21064A/275 Cabriolet    272     Linus Torvalds <torvalds@cc.helsinki.fi>
   21064A/275              272     Stephen Gaudet <sjg@tiac.net>
   21064A/275 Cabriolet    272.63  Jay Estabrook <jestabro@amt.tay1.dec.com>
   21064A/275 Cabriolet    273.37  David Mosberger-Tang <davidm@cs.arizona.edu>
   21064A/275              274.11  Kevin Jacobs <jacobs@eek.cwru.edu>
   21064A/300 Cabriolet    298     Jay Estabrook <jestabro@amt.tay1.dec.com>
   21064A/300              298     Stephen Gaudet <sjg@tiac.net>

   21066/166 Noname        162.52  Paavo Hartikain <pahartik@sci.fi>
   21066/166               162.53  Phil Bostley <pbostley@qualcomm.com>
   21066/166               163.05  Matthew Jacob <mjacob@feral.com>
   21066/166               163.05  Jon Spreha <jxs557@psu.edu>
   21066/166               164.59  David Mosberger-Tang <davidm@cs.arizona.edu>
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21066/166 Multia        164.63  Rudolf Gabler <rug@usm.uni-muenchen.de>
21066/166               165     Gareth Bult <gareth@ftech.net>
21066/166               165.04  Craig Ruff <cruff@ncar.ucar.edu>
21066/200               196.9   Danny ter Haar <danny@cistron.nl>
21066/200 UDB overcl    198     Kari Davidsson <d154402@cs.tut.fi>

21066A/233 UDB          229.63  Toon van der Pas <toon@vdpas.hobby.nl>
21066A/233 AS400        230.16  Ophir Ronen <ophir@connectsoft.com>
21066A/233 AS200 Avanti 230.16  B. James Phillippe <bryan@terran.org>
21066A/233 NoName       230.67  T. Bogendoerfer <tsbogend@bigbug.franken.de>
21066A/233 UDB          230.68  Ted Schipper <ted@tedux.hobby.nl>
21066A/233 NoName       230.76  Mikael Nykvist <viper@ludd.luth.se>
21066A/233 UDB          231.21  Eric Smith <eric@goonsquad.spies.com>
21066A/233 NoName       231.21  Jay Estabrook <jestabro@amt.tay1.dec.com>
21066A/266 NoName ov.cl 261.62  Andreas Johansson <ajo@ludd.luth.se>
21066A/266 UDB overcl   261.62  Michael Brennen <mbrennen@fni.net>
21066A/266 NoName ov.cl 262.14  Wim van Dorst <baron@clifton.hobby.nl>
21066A/266 Multia       264     Joshua Grubman <joshg@dn.net>
21066A/284 NoName ov.cl 281.0   <imakino@gloria.cord.edu>
21066A/297 NoName ov.cl 293.6   <imakino@gloria.cord.edu>
21066A/300 UDB ov.cl    294.65  Topi Kanerva <tkanerva@nks.oulu.fi>

21164/266 EB164         265.29  Jay Estabrook <jestabro@amt.tay1.dec.com>
21164/300 EB164         297.79  Hilarius <maurice@ellpspace.math.ualberta.ca>
21164/300 XLT Alcor     297.79  Dave Wreski <dave@nic.com>
21164/300 AS1000        297.79  Salvador Pinto Abreu <spa@sc.uevora.pt>
21164/333 Alcor         331.35  Linus Torvalds <torvalds@cs.helsinki.fi>
21164/333 Alcor         331.35  David Mosberger-Tang <davidm@azstarnet.com>
21164/366 XLT Alcor     362.80  Paul Slootman <paul@wurtel.demon.nl>
21164/366 PC164 Durango 363.85  Geerten Kuiper <geerten@bart.nl>
21164/400 Noritake      397.41  Alan Fay <alanfay@webcode.co.uk>
21164/433 PC164         429.89  Paul D. Robertson <proberts@clark.net>
21164/433 PC164         429.91  Bernd Meyer <bmeyer@cs.monash.edu.au>
21164/433 Maita         429.91  Bill Broadley <bill@math.ucdavis.edu>
21164/433 PC164         430.96  <rainer.landes@physik.uni-karlsruhe.de>
21164/433 EB164         430.96  <Metod.Kozelj@rzs-hm.si>
21164/433 PC164         430.96  H. Sumargo <habibie@robotic.eng.fiu.edu>
21164/433 PC164         431.94  Timm Gleason <timm@bess.com>
21164/466 PC164         464.51  Daryll Strauss <daryll@d2.com>
21164/500               497     Alex Butcher <alex@asimov.annex.co.uk>
21164/500 PC164         497.02  C.J. Grayce <cgrayce@wasatch.ps.uci.edu>
21164/500               497.05  Heiner Kruener <hk@martian.ping.de>
21164/250 Sable         497.02  Tom Greene <cowgod@idt.net>
21164/500               497.02  James D. Freels <freelsjd@ornl.gov>
21164/500 AS500         497.03  Jim Nance <jlnance@avanticorp.com>
21164/500 P7            497.03  Jan guldentops <jacko@ba.be>
21164/500 EB164 Durango 497.43  Kevin Jacobs <jacobs@eek.cwru.edu>

21164A/500  PWS         497.02  Robert Harley <robert.harley@inria.fr>
21164A/500  PC164       497.02  Stephen Oberski <sfo@deterministic.com>
21164A/533  PC164LX     529.53  Dumb Kid <dumbkid@hotmail.com>
21164A/533  PC164LX     529.53  Harvey J. Stein <hjstein@bfr.co.il>
21164PC/533 PC164SX     529.53  Danny ter Haar <dth@cistron.nl>
21164PC/533 PC164SX     529.53  Shane Sturrock <sss@holyrood.ed.ac.uk>
21164PC/533 PC164SX     529.53  Wim van Dorst <baron@clifton.hobby.nl>
21164A/533  Ruffian     530.57  Andreas Czerniak <cognac@toppoint.de>
21164A/533  PC164LX     530.57  Ronny Ranerup <ronny@axis.com>
21164A/533  PC164LX     530.57  Bill Broadley <bill@math.ucdavis.edu>
21164A/533  PC164LX     530.58  Stefan Boresch <stefan@loop.mdy.univie.ac.at>
21164A/600  PC164LX     595.59  L.F. Donaldson <donaldlf@cs.rose-hulman.edu>
21164A/600  PC164LX     595.59  <stepan@wesley.informatik.uni-freiburg.de>
21164A/600  PC164       597.60  Fabrizio Santini <sanfff@tin.it>
```

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21164A/666  PC164LX     662.70  <stepan@wesley.informatik.uni-freiburg.de>
21164A/666  PC164LX     662.70  Stephen S <smart73@earthlink.net>

21264/400 Pass-1        794.82  Jay Estabrook <jay.estabrook@digital.com>
21264/466 DS10          920.64  Paul Novarese <novarese@alf.dec.com>
21264/500 XP1000        996.00  Wes Bauske <wsb@paralleldata.com>
21264/500               996.00  Karl <hawk@juno.com>
21264/500               996.14  Lionel Tricon <lionel.tricon@digital.com>
21264/500 DS20          996.14  Paul Novarese <novarese@alf.dec.com>
21264/500 DS20          996.15  Wayne Hall <wayne@uga.edu>
21264/500 XP1000        996.40  P. Caulfield <patrick@balti.london.sco.com>
21264/600              1203.76  Darrick Wong <djwong@thibs.menloschool.org>
21264/667 XP1000       1329.59  Lionel Tricon <Lionel.Tricon@compaq.com>
21264DP/666 Tsunami    1329.59  Jens Hoefkens <hoefkens@msu.edu>
21264/730 Wildfire     1488.97  Lionel Tricon <Lionel.Tricon@compaq.com>
21264DP/833 Tsunami    1661.52  Andy Schofield <ajs@th.ph.bham.ac.uk>
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3.11 Motorola systems

```
System                BogoMips  Reporter
68030/14.7 LCII nofpu     3.69  Ruda Moura <ruda@conectiva.com.br>
68030/16 Atari Falcon     3.90  Jay T. Millar <jmillar@eaglequest.com>
68030/16 Atari Falcon     3.90  Bruno Aubin <baubin@lemel.fr>
68030/16 Atari Falcon     3.95  J.L. Brothers <brothers@halcyon.com>
68030/16 Atari Falcon     3.98  <Roman.Hodek@informatik.uni-erlangen.de>
68EC030/20 Cisco 2500     4.33  <koen.devleeschauwer@lid.kviv.be>
68030/20 MacII Si         4.88  Bill Maloy <maloy@goldinc.com>
68030/20 0c               4.92  Chris Nadigh <chrnadig@iiic.ethz.ch>
68030    Amiga 3000       6.08  Andy Wick <awick@vt.edu>
68030/30 Amiga 4000       6.09  Karsten Merker <km@golf.dinet.com>
68030/25 Amiga 3000       6.12  Glen Hewlett <hewlett@planeteer.com>
68030/25 Amiga 3000       6.21  Hamish Macdonald <hamish@bnr.ca>
68030/25 Amiga 3000       6.21  J.L. Brothers <brothers@halcyon.com>
68030/32 Atari Falcon     7.91  Franz Korntner <fkorntne@bazis.nl>
68030    Atari TT         7.96  <schwab@issan.informatik.uni-dortmund.de>
68030/32 Atari MegaST     7.98  E.J. van den Bussche <busscheh@ksepl.nl>
68030/33 Atari TT         7.98  <Roman.Hodek@informatik.uni-erlangen.de>
68030    Atari TT         7.98  Wayne Booth <trek@ihgp114r.ih.att.com>
68030/60                  8.06  Korey Budgen <kbudgen@st.nepean.uws.edu.au>
68030/33 Amiga 2000       8.14  W. Haidinger <e9225662@stud1.tuwien.ac.at>
68EC030/40 Cisco 4000     8.75  <koen.devleeschauwer@lid.kviv.be>
68030/40 MacIIfx          9.90  Ray Knight <audilvr@speakeasy.org>
68030/48 32c             11.89  Martin Rogge <Martin_Rogge@ki.maus.de>
68030/50 Atari           12     <Roman.Hodek@informatik.uni-erlangen.de>
68030/50 Amiga 1200      12.36  Chris Sumner <chris@ganymede.sonnet.co.uk>
68030/50 Amiga 1200      12.4   Richard Jerome <etlrdje@tigger.ericsson.se>
68030/50 32c             12.42  Michael Plonus <michi@pluto.ping.de>
68030/50 Amiga 1200      12.33  Detrix <detrix@popd.ix.netcom.com>
68030/50 Amiga 1200      12.36  E.J.M. Brocklesby <ejb@klamath.demon.co.uk>

68040 Mac Centris        13.21  <pgrb-usenet@ygdrasil.demon.co.uk>
68040/24 Mac LC475       16.38  Ray Knight <audilvr@speakeasy.org>
68040/24 Amiga 4000      16.59  Bjarne Wichmann Petersen <mekanix@nospam.dk>
68040/24 Amiga 4000-40   16.6   Hamish Macdonald <hamish@bnr.ca>
68040/24 Amiga 4000-20   16.60  J.L. Brothers <brothers@halcyon.com>
68040/25 Amiga 4000-040  16.61  <Geert.Uytterhoeven@cs.ku-leuven.ac.be>
68040/25 Amiga 4000      16.61  Lawrence <lawrenc@nextwork.rose-hulmand.edu>
68040/60 Amiga 4000-40   18.99  Darren Enns <dmenns@surf.pangea.ca>
68040/28 Mac Quadra650   18.99  Warren James <wjames1@my-deja.com>
68040/32 Medusa T40      21.25  <Hartmut.Koptein@et-inf.fho-emden.de>
68040    Amiga 2000      21.86  Ron Flory <rjflory@feist.com>
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68040    Mac Quadra650   22     Henry Garcia <compdata@nb.net>
68040/33 Mac Quadra950   22.11  Ray Knight <audilvr@speakeasy.org>
68040/33 Mac Quadra650   22.11  Schmitz <schmitz@biophys.uni-duesseldorg.de>
68040    Mac Quadra650   22.17  Ingvar Hagelund <ingvar@unik.no>
68040/40 Amiga 1200      26.52  Gavin Kinsey <gavin@kinsey.u-net.com>

68060/50 Amiga 2000      98.68  Frank Mainz <cybermainzel@gmx.de>
68060/50 Amiga 1200      99.53  baba <baba@pa.yokogawa.jp>
68060/50 Amiga 4000      99.74  Stefan Tauche <otauche@uni-paderborn.de>
68060/50 Amiga 4000     100.16  Jan Johansson <jj@mordor.it.kth.se>
68060/66 Amiga CS MkII  132.71  Paul Hill <paul@lagernet.clara.co.uk>
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3.12 Sparc systems

```
System                BogoMips  Reporter
Sparc sun4c              17.94  J.L. Brothers <brothers@halcyon.com>
Sparc SLC/20 S1          19.86  Simon Karpen <slk@linux-shell.net>
Sparc sun4c/25           24.88  Paolo <paolo0@yahoo.com>
Sparc SS10 sun4m         35.94  Michael Junek <mickey@webfocus.net.au>
Sparc IPX 4c             39.83  Paul D. Robertson <proberts@clark.net>
Sparc SS10 super50 4m    39.93  Juan Cespedes <cespedes@etsit.upm.es>
Sparc microS/50 SS-LX    49.76  Will Shaw <romulan@netwatch.clemson.edu>
Sparc SS20/50            49.86  Gary A. Donahue <lordgad@webspan.net>
Sparc hyperS Classic 4m  49.86  Juan Cespedes <cespedes@etsit.upm.es>
Sparc Voyager portable   59.80  Edward Austin <eastin@shl.com>
Sparc SS5 Netra          68     Craig Falconer <cf@papanui.school.nz>
Sparc SS5                69.84  Richard D. Davis <rddavis1@lucent.com>
Sparc SS50               74.95  Kaz <kaz@latte.cafe.net>
Sparc SS10 hyperS        99.73  Thomas B. Fox <tfox@oliverdesign.com>
Sparc SS5/66            109.77  Lance S. Nehring <lnehrin@uswest.com>
Sparc SS4/110           109.77  Chris Sylvain <csylvain@umms-itg.ab.umd.edu>
Sparc hSparc sum4m      124.92  Georg Schwarz <schwarz@physik.tu-berlin.de>
Sparc hSparc/150 Sun4m  150.32  Tethys <tethys@ml.com>

Sparc Ultra I/143       278.00  Helmut <helmut@cancon.com>
Sparc Ultra I sun4u     284.05  Iban Cardona <icc@seric.es>
Sparc Ultra I/143       285.08  Jason Hong <hong@csulb.edu>
Sparc Ultra I sun4u     333.41  Roberto Giungato <r.giungato@computer.org>

Sparc Ultra II/270      539.03  Pieter Krul <pieter@dare.demon.nl>
Sparc Ultra II/300      598.01  Silvo Bozovicar <silvo.bozovicar@aster.si>
Sparc Ultra II/360      719.26  Bjoern Augustsson <d3august@dtek.chalmers.se>
Sparc Ultra II/450      897.84  Darrick Wong <djwong@thibs.menloschool.org>
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3.13 PowerPC systems

```
System                BogoMips  Reporter
PowerPC 601    Mac       33.28  David Wetzel <dave@turbocat.de>
PowerPC 601/60 Mac6100   45.24  J.L. Brothers <brothers@halcyon.com>
PowerPC 601/66 Mac       51.62  Fred Klein <klein@des3.u-strasbg.fr>
PowerPC 601/60 Mac6100   59.38  Kent Radek <goo@itd.sterling.com>
PowerPC 601/75 Mac7200   73.93  Dimitris Tsifakis <jimmy@typhoeus.dg.uoa.gr>
PowerPC 601/90 Mac7200   89.00  Heinrich H. Beck <thebigduck@earthlink.net>
PowerPC 601/90 Mac7200   89.50  Ian <ian@neath.org>
PowerPC 601/100 Mac7500  98.91  Russ Hoffman <reh@fore.com>
PowerPC 601/110 Mac8100 108     Charles Eicher <ceicher@inav.net>
PowerPC 601/120 Mac8200 119.19  Roberto Waha <roberto.waha@rcm.dsi.unimi.it>

PowerPC 603/300 SM5000   57.00  Brian J. Landsberger <brian@landsberger.com>
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PowerPC 603/100          66.56  A. Costa <c_chaos@chaosnet.wahnapitae.on.ca>
PowerPC 603/200 PSII    133.12  Richard Heurtley <richard@heurtley.com>
PowerPC 603ev/250       166.29  Stig Sørensen <stig@aub.dk>

PowerPC 604/100 PPS6050  99.74  Evaldas Darcianovas <evaldas@isi.kvm.lt>
PowerPC 604/100         199     Hamish Marson <hamish@aixrules.nz.ibm.com>
PowerPC 604/100 PPS7248 199.48  Evaldas Darcianovas <evaldas@isi.kvm.lt>
PowerPC 604     Mac8500 239.21  Steve <sjs132@psu.edu>
PowerPC 604/120 Mac8500 239.20  Jason Colflesh <jason.colflesh@sap.com>
PowerPC 604/120 Mac8500 239.21  Jason Colflesh <jason.colflesh@sap.com>
PowerPC 604/132 Mac9500 263.78  Matt Templeton <cybear@pacbell.net>
PowerPC 604/132 Mac7500 263.78  Patrick Murmann <murmann@mi.uni-erlangen.de>
PowerPC 604/133 MOT PS  266.24  Christoper Harrel <cnh@eng.mindspring.net>
PowerPC 604/150 Mac9500 297.73  Jean-Philippe Lord <jpl@binex.com>
PowerPC 604e/195        359.63  Michael Potts <pottsjam@flyernet.udayton.edu>
PowerPC 604/200 Mac8600 320     Julien Sebot <sebot@lri.fr>
PowerPC 604/180 SM900   367.82  J.E. Cook <jcojones@mail.athen1.ga.home.com>
PowerPC 604e/375 RS6000 373.56  Darrick Wong <djwong@thibs.menloschool.org>
PowerPC 604e/200 SM4000 399.12  Roland Kuhn <kuhn@physik.uni-kassel.de>
PowerPC 604e/200        399.76  Alan Galloway <alan@alangalloway.com>

PowerPC 750             465.30  Scot Richardson <scotrich99@hotmail.com>
PowerPC 750/266 Mac     532.48  Fritz Anderson <fritza@tezcat.com>
PowerPC 750/195 Mac G3  583.27  <gustilo@mail.med.upenn.edu>
PowerPC 750/292 Mac     586.38  John McAulay <johnmcaulay@ndirect.co.uk>
PowerPC 750/300 iBook   589     M. van Steensel <mvanstee@baserv.uci.kun.nl>
PowerPC G4 350 Mac 400  697.96  Guillame Blain <blaingu@iro.umontreal.ca>
PowerPC G3/350          697.96  Juergen Fricke <jofry@web.de>
PowerPC 750/366 G3      732.36  Mike Hopkins <mhopkins@netmatters.co.uk>
PowerPC G4 Mac8500      796.26  Alain Birtz <abz@videotron.ca>
PowerPC 750/400 Mac     796.26  William F. Adams <willadams@aol.com>
PowerPC 750/400 iMac DV 797.90  Daniel Koerner <wum42@netscape.net>
PowerPC G4              797.90  P. Radermecker <pradermecker@iquibec.com>
PowerPC 750/400 G3      801.18  Richard Petty <repetty@austin.rr.com>
PowerPC 750/400 G3      801.18  Brian Kendig <brian@enchanter.net>
PowerPC 750/400 G3      801.67  Schmitz <schmitz@biophys.uni-duesseldorf.de>
PowerPC G4/500          992.87  K. Gustilo <gustilo@mail.med.upenn.edu>
PowerPC G4/500          996.64  Heinz Nabielek <h.nabielek@fz-juelich.de>
PowerPC G4/500          999.42  Stephen D. Scotti <sdscotti@earthlink.net>
```

3.14 Other CPU systems: Mips, Intel 8088/286 ELKS, IBM, Crusoe

```
System                BogoMips  Reporter
Mips R3000A/20           19.79  Kagstrom <simon.kagstrom.864@student.lu.se>
Mips R4000/100           48.30  J.L. Brothers <brothers@halcyon.com>
Mips R4000/100 Magnum    50.03  Andreas Busse <andy@soft-n-hard.de>
Mips R4400/134 Acer Pica 67.10  Andreas Busse <andy@soft-n-hard.de>
Mips R4400/134 Acer Pica 67.10  Ralf Baechle <ralf@waldorf-gmbh.de>
Mips R4600/133 Tyne     133.12  Ralf Baechle <ralf@waldorf-gmbh.de>
Mips R4600/133 RM200    133.08  Ralf Baechle <ralf@julia.de>
Mips R5000/150 Indy     154.83  Ralf Baechle <ralf@julie.de>

ELKS Intel 8088/4.77      0.02  Tim Van der Linden <timvdl@innet.be>
ELKS Intel 8088/10        0.05  Tim Van der Linden <timvdl@innet.be>
ELKS Intel 8086           0.5   Kin Lau <gabe@zot.io.org>
ELKS Intel 286 Tandy      0.75  Joey Hess <joey@kite.ml.org>
ELKS Intel 286 Nec V20/16 0.88  Vasilhs Ventirozos <r00t666@hotmail.com>
ELKS Intel 286            0.99  Anders Stenback <stenback@hehe.com>
ELKS Intel 286/8 VAXMate  1.03  Andrew Costa <c_chaos@wahnapitae.on.ca>
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ELKS Intel 286/10 Comm.    1.30  Hans-Joachim Baader <hans@grumber.inka.de>
ELKS Intel 286 PS2         2.32  Morillas C.H. Antonio <morilla@fie.us.es>
ELKS Intel 286 PS2         2.34  Joey Hess <joey@kite.ml.org>

IBM S390 Gen4             75.16  J Scott <mrbinary@yahoo.com>

Crusoe/400               725.81  Bill Rhodes <wrhodes@27.org>
Crusoe                  1182.92  Michael Heiming <mh@vbag.de>
```

3.15 Multi−CPU systems

```
System                 BogoMips  Reporter
SMP2 Pentium/75           59.50  Michael Engel <engel@unix-ag.uni-siegen.de>
SMP2 Pentium/90           71.68  Edwin Whitelaw <elw@ivc.com>
SMP2 Pentium/90           71.98  Daniel Luhde-Thompson <dl10010@cam.ac.uk>
SMP2 Pentium/90           72.08  Alan Cox <alan@cymru.net>
SMP2 Pentium/100          79.46  Lam Dang <dangit@ix.netcom.com>
SMP2 Sparc 630MP          79.66  Daniel Aubry <daniel.aubry@unibas.ch>
SMP2 Pentium/100          80.08  Christian Tan <pigeon@xs4all.nl>
SMP2 Pentium/100          80.08  McNalley <jmcnalle@attila.stevens-tech.edu>
SMP2 Pentium/120          95.85  Maurice de Bijl <maurice.d.bijl@topic.nl>
SMP2 Sparc SS/50          99.84  Dimitris Tsifakis <sv1det@freemail.gr>
SMP2 Pentium/133         106.09  Maurice de Bijl <maurice.d.bijl@topic.nl>
SMP2 Pentium/166         133.53  <Reinhard.Simkovics@jk.uni-linz.ac.at>
SMP2 Pentium/200         158.72  Ed Hoppitt <edward@dcs.rhbnc.ac.uk>
SMP2 Pentium/200         158.92  Zeus <heyzeus@@verios.net>
SMP2 Pentium Pro/150     299.00  Steven Gallo <smgallo@numenor.csgeeks.org>
SMP2 Pentium Pro/150     299.01  Eric van Dijken <E.vanDijken@PTT-Telecom.nl>
SMP2 Pentium Pro/166     331.78  Eric van Dijken <E.vanDijken@PTT-Telecom.nl>
SMP2 Pentium Pro/180     358.81  Eric van Dijken <E.vanDijken@PTT-Telecom.nl>
SMP2 Pentium Pro/180     358.81  Frankie East <fae2401@rit.edu>
SMP2 Pentium Pro/180     358.81  James K. Wiggs <wiggs@wolfenet.com>
SMP2 Pentium Pro/200     396.25  Will Shaw <shaww@dialup.dstm.com>
SMP2 Pentium Pro/200     397.32  Abhijit Menon-Sen <ams@wiw.org>
SMP2 Pentium Pro/200     398.13  David Konerding <dek@cgl.ucsf.edu>
SMP2 Pentium Pro/200     398.13  B. Heinen <benedikt.heinen@infrasys.ascom.ch>
SMP2 Pentium Pro/200     398.13  Ramon Huerta <huerta@minerva.ii.uam.es>
SMP2 Pentium Pro/200     398.14  C.-A. Possamai <camille@sugiton.cnrs-mrs.fr>
SMP2 Pentium Pro/200     398.14  Leland <llucius@millcom.com>
SMP2 Pentium Pro/200     398.14  John Lellis <lellis@dmccorp.com>
SMP2 Pentium Pro/200     398.14  Jim Gifford <jim@mail.rath.peachnet.edu>
SMP2 Pentium Pro/200     398.14  Manuel Galan <root@ulpgc.es>
SMP2 Pentium Pro/200     398.6   Bill Davidsen <davidsen@tmr.com>
SMP2 Pentium Pro/200     398.95  Fons Rademakers <f.rademakers@cern.ch>
SMP2 Pentium Pro/200     398.98  Greg Fausak <glfausak@august.com>
SMP2 Pentium Pro/200     400.18  Attila Karpati <karpati@cs.elte.hu>
SMP2 Pentium Pro/233     464.49  F. Baitinger <baiti@zenon.toplink.net>
SMP2 Pentium II/233      466.94  Eli Kane <eli@crl.nmsu.edu>
SMP2 Pentium II/266      530.84  Shon Martin <cshoon@oberlin.edu>
SMP2 Pentium II/266      534.12  n.n. <service@cprompt.sk.ca>
SMP2 Pentium II/266      534.12  Emmanuel Tychon <manu@acm.org>
SMP2 Pentium II/266      531.66  Stefaan A. Eeckels <stefaan.eeckels@ecc.lu>
SMP2 Pentium II/274      546.41  Richard Jellinek <rj@suse.de>
SMP2 21064A/275 AS2000   556.53  Jochen Gatternig <jochen@gatternig.com>
SMP2 Pentium II/300      597.20  Paul Sheer <psheer@obsidian.co.za>
SMP2 Pentium II/300      598.02  Hans Ameel <hans@pla.to>
SMP2 Pentium II/300      599.66  Abhijit Menon-Sen <ams@wiw.org>
SMP2 Pentium II/300      599.76  S. Curtarolo <auro@spiro.fisica.unpd.it>
SMP2 Pentium II/333 ov   665.73  S. Curtarolo <auro@spiro.fisica.unpd.it>
SMP2 Pentium II/333      665.20  D.A. Sergatskov <dima@cholla.phys.unm.edu>
SMP2 Pentium II/350      697.14  Riley <rhw@bigfoot.com>
```

```
    SMP2 Pentium II/350     700.42  David Overeem <overeem.1@osu.edu>
    SMP2 Pentium II/350     700.42  Mathijs <matthijs@helena.tux.nu>
    SMP2 Pentium II/350     700.42  Joe Gray <jgray_111@yahoo.com>
*   SMP2 Pentium Pro/200    792.48  Eric P. McCoy <emccoy@hamilton.edu>
*   SMP2 Pentium Pro/200    793.80  Eric P. McCoy <ctr2sprt@yahoo.com>
    SMP2 Pentium MMX/200    794.62  Kristian Koehntopp <kris@koehntopp.de>
    SMP2 Pentium MMX/200    796.26  Eric Clark <eclark@opencominc.com>
    SMP2 Pentium II/400     796.26  Michael Necaise <necaise@jlab.org>
    SMP2 Celeron/400        796.26  Stuart Hall <stuarthall@mailandnews.com>
    SMP2 Celeron/400        798.21  Stefan Onderka <nop@gameart.com>
    SMP2 Pentium II/400     797.08  Mogens Kjaer <mk@crc.dk>
    SMP2 Pentium II/400     800.20  Simon van Sleuwen <sleuwen@hotmail.com>
    SMP2 Pentium II/400     800.36  Gloger <joachim.j.gloger@daimlerchrysler.com>
    SMP2 Pentium II/400     800.36  Marcel Lanz <marcel.lanz@ds9.ch>
    SMP2 Pentium II/400     800.36  Frank <frank@sazza.ping.de>
    SMP2 Pentium II/400     800.47  Jung Pyo Hong <hongjungpyo@my-deja.com>
    SMP2 Pentium II/448 ov  894.57  Rob Leach <dslfreak@pacbell.net>
    SMP2 Celeron/450        894.57  Stephan Eisler <stephan@lingo.gun.sub.org>
    SMP2 Pentium III/450    899.48  Ramses Smeyers <fatman@khk.org>
    SMP2 Pentium III/450    899.48  Roland Exler <r.exler@jk.uni-linz.ac.at>
    SMP2 Pentium II/450     901.12  Abhijit Menon-Sen <ams@wiw.org>
    SMP2 Pentium II/466     925.70  A. Giachino <a.giachine@ekkinc.com>
    SMP2 Pentium MMX/233    927.33  Jeff White <jwhite@ghq.com>
    SMP2 Pentium III/500    996.14  Ola Samuelson <ola@datalink.se>
    SMP2 Pentium III/500    996.15  Rob Green <mooncrow@lava.net>
    SMP2 Celeron/500        999.42  Ingimar Rovertsson <iar@skyrr.is>
    SMP2 Celeron/500        999.42  Rob Farrell <rpf@speakeasy.net>
    SMP2 Pentium III/500    999.42  Douglas Osborn <daozb@earthlink.net>
    SMP2 Pentium III/500    999.42  Greg M. Hebel <gregh@twcny.rr.com>
    SMP2 Celeron/515 overc 1028.92  Ryan Werber <rwerber@ctel.net>
*   SMP2 Pentium II/266    1066.59  Jacques Rodary <jrodary@free.fr>
    SMP2 Celeron/550 overc 1101.00  Olof Zachrisson <eraolza@ks.ericsson.se>
    SMP2 Celeron/550 overc 1101.00  John Katagawa <dhc@50k.com>
    SMP2 Celeron/550 overc 1101.00  Mattias Moberg <mattias.moberg@home.se>
    SMP2 Celeron/550 overc 1101.00  Kieffer <Jerome.KIEFFER@crans.ens-cachan.fr>
    SMP2 Celeron/550 overc 1101.00  C. Shenefiel <chris.shenefiel@bigfoot.com>
    SMP2 Pentium III/550   1101.00  Jean-David Beyer <jdbeyer@exit109.com>
    SMP2 Pentium III/560   1117.39  Nathan Laredo <laredo@gnu.org>
    SMP2 Celeron/563 overc 1120.00  Cecchinel Stephan <inter.zone@free.fr>
    SMP2 Celeron/606 overc 1207.50  Mattias Moberg <mattias.moberg@home.se>
    SMP2 Pentium III/650   1300.88  Dan Kegel <dank@alumni.caltech.edu>
    SMP2 Itanium/800       1593.82 Cipriano Groenendal <cipri@exlinux.nl>
*   SMP2 Pentium II/450    1789.13  Steve Snyder <swsnyder@home.com>
*   SMP2 Pentium III/450   1789.13  J Snowdon <john@snowdon36.freeserver.co.uk>
    SMP2 PowerPC 7400/450  1789.63  Jake Goulding <shepmaster@home.com>
*   SMP2 Celeron/500       1998.84  Rob Farrell <rpf@comcast.net>
*   SMP2 Pentium III/550   2202.00  <ekk@ekkinc.com>
*   SMP2 Pentium III/560   2238.05  David Yeung <dyeung@ust.hk>
*   SMP2 Pentium III/600   2401.89  Shawn Hicks <shicks@impulse.net>
*   SMP2 Pentium III/600   2401.89  John Wiggins <jwiggins@csce.uark.edu>
*   SMP2 Pentium III/750   2992.90  George Hauser <hausergj@pop.nwnexus.com>
*   SMP2 Pentium III/750   3001.55  Jesse Tie Ten Quee <tie@mountlinux.com>
*   SMP2 Pentium III/800   3188.33  Steve Bradtke <sjbradtke@home.com>
*   SMP2 Pentium III/800   3201.43  Paul Skinner <skin@skin.dhs.org>
*   SMP2 Pentium III/810   3234.20  Pietro Abate <abate@students.cs.unibo.it>
    SMP2 EV67/833 UP2000   3324.17  Rob Harley <robert.harley@inria.fr>
*   SMP2 Pentium III/850   3407.86  Michael Cohen <me@ohdarn.net>
*   SMP2 Pentium III/866   3466.85  Tommy Johansen <tommy.johansen@idemitsu.no>
*   SMP2 Pentium III/933   3742.10  Justin Baugh < baughj@cs.rpi.edu>
*   SMP2 Pentium III/1000  3991.14  Guy Tel-Zur <tel-zur@computer.org>
*   SMP2 Pentium III/1000  4004.25  Birko Bergt <byrko.bergt@syntegra.com>
*   SMP2 Pentium III/1133  4508.86  Umaid Rajpurohit <sunadm@rediffmail.com>
```

```
*  SMP2 Pentium III/1266  5052.81  Sandy Harris <sandy@storm.ca>
*  SMP2 Athlon/1400       5590.22  Paul Skinner <skin@skin.dhs.org>
*  SMP2 Athlon/1400       5590.22  Matthew Anderson <matt@alameda-systems.com>
*  SMP2 Athlon/1400       5590.22  Pierre Vignéras <vigneras@labri.fr>
*  SMP2 Athlon/1600       6442.18  Rick H. Wesson <wessorh@ar.com>

   SMP4 Pentium Pro/133    532.07  Erik Walthinsen <omega@sequent.com>
   SMP4 Pentium Pro/200    794.62  Kenneth Hedlund <c415khd@nll.se>
   SMP4 Pentium Pro/200    796.28  John Pelan <j.pelan@am.qub.ac.uk>
*  SMP4 Pentium/133       1064.14  Arthur Aldridge <monark@aracnet.com>
   SMP4 Pentium III/450   1794.00  Glenn Stone <glenns@ami.com>
   SMP4 Pentium III/550   2195.46  Yan P. Yuan <Yanping.Yuan@EMBL-Heidelberg.de>

   SMP6 SunUltraII/336    4030.46  Daniel James <astac@swbell.net>
   SMP8 Pentium III/500   3996.06  Richard Langis <rlangis@primux.geekfest.net>
   SMP14 SparcII          6927.16  Vassili Tchersky <vt@bsdjeunz.org>
   SMP31 EV67/731 Wildf. 46170.90  Peter Rival <frival@zk3.dec.com>
   Beowulf102 PIII/1000 203862.30  Dan Kirkpatrick <dkirk@physics.syr.edu>
   Myrinet144 PII/400    57684.96  <zumbusch@iam.uni-bonn.de>
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3.16 Non−Linux systems (reference only)

```
   System                     OS      BogoMips Reporter
   Casio 9850g calculator     Casio  0.000027  <littlemanthegeek@hotmail.com>
   Commodore 64               VICE     0.0033  <bdwheele@indiana.edu>
   Z80 TRS80 model 4          TRSDOS    0.004  <cervasio@airmail.net>
   Z80/4.6 NC100              ZCN       0.013  <rus@forfree.at>
   68000/8 Macintosh Classic  MacOS      0.53  <jimmy@typhoeus.dg.uoa.gr>
   68020/20 Sun 3             SUNOS      2.0   <korpela@ssl.berkeley.edu>
   68EZ328/20 Palm Vx         PalmOS     2.53  <dv5a@dc.uba.ar>
   Microvax 3100-30           NetBSD     2.74  <goodman@goodman.hu>
   68020/16 Macintosh LC      MacOS      3.09  <jimmy@typhoeus.dg.uoa.gr>
   68020/25 Sun 3-180         SUNOS      4.0   <korpela@ssl.berkeley.edu>
   Sparc Sun 3-60             SUNOS      4.00  <tranter@software.mitel.com>
   Sparc Sun 3-80             SUNOS      4.00  <tranter@software.mitel.com>
   Vaxstation 3100 M38        VAXVMS     4.66  <bdwheele@indiana.edu>
   68030/25 Macintosh IIci    NetBSD     5.62  <kirk-corey@uiowa.edu>
   68040/25 Macintosh LC475   MacOS     12.27  <jimmy@typhoeus.dg.uoa.gr>
   68040/33 HP9000-280        HP-UX     14     <niles@axp745.gsfc.nasa.gov>
   68040/25 Apollo 5500       DomainOS  14.00  <kirk-corey@uiowa.edu>
   Sparc Sun 4-280/20         SUNOS     16.0   <korpela@ssl.berkeley.edu>
   Sparc Sun IPC/40           Solaris   16.00  <gong@cs.msu.su>
   68040/25 HP9000-425        DomainOS  16.00  <kirk-corey@uiowa.edu>
   68040 NextStep             (?)       16.26  <petergun@coffeehaus.com>
   Sparc Sun SS1              SUNOS     18.00  <tranter@software.mitel.com>
   Sparc Sun SS1              SUNOS     18.00  <jimmy@typhoeus.dg.uoa.gr>
   IBM RS6000 320             AIX       18.00  <mg@svtpc3.fb12.tu-berlin.de>
   Sparc Sun SS1+             SUNOS     19     <swmike@uplift.df.lth.se>
   Sparc Sun SS1+             SUNOS     24.00  <tranter@software.mitel.com>
   Sparc Sun IPC              SUNOS     24.00  <tranter@software.mitel.com>
   IBM RS6000 320H            AIX       24.00  <mg@svtpc3.fb12.tu-berlin.de>
   Sparc Sun Sparcstation2    SUNOS     26.00  <gong@cs.msu.su>
   SparcClassic/50            Solaris   32.00  <gong@cs.msu.su>
   Sparc Sun ELC              SUNOS     32.00  <tranter@software.mitel.com>
   HP-PA 9000-720             HP-UX     32.00  <metod.kozelj@rzs-hm.si>
   Sparc Sun SS10             SUNOS     34.00  <tranter@software.mitel.com>
   Sparc Sun SS10             SUNOS     34.00  <makler@man.torun.pl>
   Pentium/100                Win-NT    36.21  <marcus@healthchex.com>
   Sparc Sun Sparcstation2    SUNOS     38.0   <korpela@ssl.berkeley.edu>
   Mips R4000/100 Indy        (?)       48.00  <p.verwer@organon.akzonobel.nl>
   Mips R4000/100 SGI IndySC  Irix      48.00  <lziegler@csbsju.edu>
```

HP-PA 9000-720	HP-UX	48.00	<metod.kozelj@rzs-hm.si>
Sparc SS10	SUNOS	48.00	<makler@man.torun.pl>
IBM RS-6000-250/66	AIX	52.00	<gl23@e4.hrz.uni-giessen.de>
Sparc Sun Sparcstation10d	SUNOS	54.0	<korpela@ssl.berkeley.edu>
Sparc SS1000 2CPU	SUNOS	58.00	<gong@cs.msu.su>
Sparc SS20	SUNOS	60.00	<makler@man.torun.pl>
IBM RS6000-250/80	AIX	62.00	<gl23@e4.hrz.uni-giessen.de>
Alpha 21064/133 Decstation	OSF1	64	<niles@axp745.gsfc.nasa.gov>
Alpha 21064/133 Dec3000	OSF1	66.00	<daniels@helplaxp1.harvard.edu>
Sparc Sun SS5	SUNOS	68.00	<tranter@software.mitel.com>
Sparc Sun SS20	SUNOS	72.00	<tranter@software.mitel.com>
Sparc Sun SS20/712	Solaris	74	<spohr@qmos.com>
Mips R4400/150 Challenge	(?)	74.00	<p.verwer@organon.akzonobel.nl>
Mips R4400/150 Indigo2Extr	(?)	74.00	<p.verwer@organon.akzonobel.nl>
HP-PA 9000-715	HP-UX	74.00	<metod.kozelj@rzs-hm.si>
Sparc SS5 sun4m	SUNOS	84.00	<chrisv@allegria.com>
Sparc SS1000E	SUNOS	84.00	<makler@man.torun.pl>
Alpha	OSF1	92.00	<petergun@coffeehaus.com>
Mips R4400/200 Indigo2Extr	(?)	98.00	<p.verwer@organon.akzonobel.nl>
HP-PA 9000-735/99	HP-UX	98.00	<lankhors@cs.rug.nl>
Sparc SS5	SUNOS	104.00	<makler@man.torun.pl>
Sparc Sun SS4/110	Solaris	108	<spohr@qmos>
Sparc Sun SS4	Solaris	108.00	<jimmy@typhoeus.dg.uoa.gr>
Sparc Sun SS5	SUNOS	110	<swmike@uplift.df.lth.se>
Alpha 21064A/233	OSF1	114	<niles@axp745.gsfc.nasa.gov>
Alpha 3000 21064/300	OSF1	120.00	<gl23@e4.hrz.uni-giessen.de>
HP-PA 700/125	HP-UX	122	<niles@axp745.gsfc.nasa.gov>
HP-PA 9000-735/125	HP-UX	122.00	<lankhors@cs.rug.nl>
Mips R4600/133 SGI Indy	Irix	132	<lziegler@csbsju.edu>
MIPS R5000/150	Irix	148.00	<nachiket@indimax.hydroqual.com>
IBM 6x86	OS/2	149.13	<mikedg@ghostbbs.pandora.it>
Alpha	OSF1	180.0	<mauger@ensinfo.univ-nantes.fr>
MIPS R10000/195	Irix	194.00	<nachiket@indimax.hydroqual.com>
Alpha 21164/333 AS500	OSF1	222.00	<daniels@helplaxp1.harvard.edu>
Sparc Ultra-1 sun4u	Solaris	254.00	<alternat@rwth-aachen.de>
PPC604/133 IBM RS6000	AIX	254.00	<kirk-corey@uiowa.edu>
IBM RS-6000 43P powerpc	AIX	260.00	<gl23@e4.hrz.uni-giessen.de>
Sparc U-1 sun4u	SunOS	284.00	<gl23@e4.hrz.uni-giessen.de>
Alpha 21164/433 DPW433au	OSF1	286.00	<daniels@helplaxp1.harvard.edu>
HP9000-C160/160	HP-UX	316.00	<nicolai@prz.tu-berlin.de>
Sparc Sun US1/170	Solaris	330	<spohr@qmos>
Sparc Sun US1/167	Solaris	330	<jimmy@typhoeus.dg.uoa.gr>
Sparc Ultra-1 sun4u	SUNOS	334.00	<chrisv@allegria.com>
Alpha 3000-600S	VMS	348.61	<metod.kozelj@rzs-hm.si>
Alpha server 1000-4/200	VMS	397.68	<metod.kozelj@rzs-hm.si>
Sparc Sun-Ultra30/248	Solaris	482.00	<marc.Quinton@stna.dgac.fr>
Pentium II/350	Win2000	573.00	<benjy@kateandbenjy.com>
Sparc US2/296 2cpu	SUNOS	596.00	<manu@acm.org>
Cray J90 Y-MP/100 16cpu	Unicos	912.00	<lankhors@cs.rug.nl>
Sequent Symmetry 6xP5/166	Dynix	984.00	<omega@sequent.com>
Sequent Symmetry 16xP5/66	Dynix	1056.00	<omega@sequent.com>
HP9000-C160/160	HP-UX	1278.00	<nicolai@prz.tu-berlin.de>
Sequent NUMA-Q 12x P6/180	Dynix	1416.00	<omega@sequent.com>
Pentium III/800	Win NT	2267.00	<benjy@kateandbenjy.com>
Sequent NUMA-Q 32x P6/180	Dynix	3776.00	<omega@sequent.com>

4. Signature

This paragraph has presented the continuing story of our (now) three children Roderick, Isolde and Daphne for the life time of this BogoMips mini−Howto, neigh on ten years. Over all those years this has led to some very interesting e−mail exchanges, and it is those contacts that I herewith explicitly want to thank.

Met vriendelijke groeten, Wim 'Dad' van Dorst.

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Wim van Dorst, Clifton Scientific Text Services, tel/fax +31 355 242 319
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