

# [OT] Re: freebsd-performance Digest, Vol 3, Issue 11

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2003-05/0022.html>

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**From:** Paul Murphy (*pnmurphy\_at\_cogeco.ca*)

**Date:** 05/23/03

Date: Thu, 22 May 2003 18:21:16 -0400

To: freebsd-performance@freebsd.org

On Thu, 22 May 2003 10:56:15 -0700

"David O'Brien" <obrien@freebsd.org> wrote:

```
>
> FreeBSD 5.1-BETA #9: Thu May 22 09:20:08 GMT 2003
> root@k8.amd.com:/hammer/sys/amd64/compile/GENERIC
>
> CPU: AuthenticAMD AMD64 Class Processor
>      ^^^^^
> Origin = "AuthenticAMD" Id = 0xf40 Stepping = 0
> Features=0x78bfbff<FPU,VME,DE,PSE,TSC,MSR,PAE,MCE,CX8,APIC,SEP,MTRR
> ,PGE,MCA,CM
> OV,PAT,PSE36,CLFLUSH,MMX,FXSR,SSE,SSE2>
> AMD Features=0xe0500000<<b20>,AMIE,<b29>,DSP,3DNow!>
>
>
> # file /boot/kernel/kernel
> /boot/kernel/kernel: ELF 64-bit LSB executable, AMD x86-64, version 1
>      ^^^^^^^^^^^
> (FreeBSD),
> dynamically linked (uses shared libs), not stripped
>
```

[earth] /home/paul: dmesg

FreeBSD 4.8-STABLE #0: Fri May 2 21:12:02 EDT 2003

root@earth.upton.net:/usr/obj/usr/src/sys/EARTH

CPU: AMD Athlon(tm) Processor (1210.76-MHz 686-class CPU)

^^^^^^^^^^

Origin = "AuthenticAMD" Id = 0x642 Stepping = 2

Features=0x183f9ff<FPU,VME,DE,PSE,TSC,MSR,PAE,MCE,CX8,SEP,MTRR,PGE,MCA,  
CMOV,PAT,PSE36,MMX,FXSR>

AMD Features=0xc0440000<RSVD,AMIE,DSP,3DNow!>

```
[earth] /home/paul: file /kernel
/kernel: ELF 32-bit LSB executable, Intel 80386, version 1 (FreeBSD),
          ^^^^^^^^^^^^^
dynamically linked (uses shared libs), not stripped
```

Just wondering. Are the above [^^] just the difference between 4.8 and 5.0, or 32 bit and 64 bit, or did I miss something in the kernel configuration? (I realize I have a 32 bit CPU, I am concerned about the AMD vs. the Intel x86 stuff)

```
[earth] /home/paul: less /sys/i386/conf/EARTH
machine i386
cpu I686_CPU
[snip]
```

```
--
Cogeco ergo sum
```

- 
- application/pgp-signature attachment: [stored](#)