
Subject: Re: AMD CPU - (pentium way faster)
Posted by [Mark Hadfield](#) on Thu, 31 Jan 2002 20:39:14 GMT
[View Forum Message](#) <> [Reply to Message](#)

"Brian Jackel" <bjackel@phys.ucalgary.ca> wrote in message
news:3C5999AB.5DACDD1F@phys.ucalgary.ca...

> Why is Bob's Linux/Athlon combination so slow? Do RSI link to a
> particularly bad numerical library? I'd really like to know what's
> going on here. My long term plan is to migrate from Windows to
> Linux, but I'm not keen on a 50% degradation in effective processing
> power.

I have been comparing Linux & Windows 2000 on the same machine:
Pentium 3 800 MHz, 384 MB RAM. Linux wins the time_test2 comparison by
about 10 % (though Windows tries to cheat on the geometric mean by
recording a zero time for one of the tests).

However, as I reported in another thread, Linux is definitely slower
overall at object graphics, and 8 times (!) slower at a
surface-animation application that is fairly typical of my usage of
IDL. The reasons for this are still being investigated...

So, before you migrate, you should check it out for yourself. (But you
knew that didn't you?)

Mark Hadfield
m.hadfield@niwa.co.nz <http://katipo.niwa.co.nz/~hadfield>
National Institute for Water and Atmospheric Research
