Subject: Hardware Configuration for IDL Application
Posted by xiaoming on Thu, 10 Feb 1994 09:01:18 GMT
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Hello you experts,

For application of IDL and very large image, we have to decide what
kind of hardware configuration should be set up, PC or Workstation?
certainly we must consider the cost for that.

Do you have any suggestion? Let's discuss it.

Thank you!
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Dr XU, Xiaoming GOOD LUCK!!!

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The universe is full of magical things patiently waits for our wits
to grow sharper. .
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Subject: Re: Hardware configuration
Posted by Rick Towler on Mon, 21 May 2007 21:38:09 GMT
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patrick.dillmann@gmx.de wrote:
> Hi,
>
> I intend to buy a new PC and now I have to know if it is better to use
> a core 2 duo system (e.g. 2.4GHz) or a single core system (e.g.
> 3.4GHz).

For the most part, this was covered a couple of weeks back in this
thread: http://tinyurl.com/35ov4v
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The gist is that the core architecture is much more efficient clock for clock than the P4 Netburst architecture so a 2.4 GHz core system will most likely exceed the performance of a faster 3.4 GHz P4.

> Does IDL 6.1 support core 2 duo systems under Win XP

Yes, to a certain extent. Some functions are multi-threaded so if your application makes use of them you'll get a bit of a boost. It is highly application specific though.

> and is
> it faster to separte calculations on 2 cores than on a faster single
> core?

Assuming you are talking about your previously mentioned 2.4 and 3.4GHz chips then your question is irrelevant since the a single thread running on the core 2 chip will most likely execute faster than a single thread on the P4.

If you are talking in general terms, it depends on a number of factors and you'll need to be more specific.

-Rick
