

## Re: It is almost certain now, INTEL will have 64bit x86 !!

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**From:** Robert Klute ([robert\\_klute\\_remove\\_this\\_at\\_hp.com](mailto:robert_klute_remove_this_at_hp.com))

**Date:** 02/24/04

Date: Tue, 24 Feb 2004 20:21:02 GMT

On Tue, 24 Feb 2004 18:24:06 +0000, Andrew Harrison SUNUK Consultancy  
<[Andrew\\_No.Harrison\\_No@nospamn.sun.com](mailto:Andrew_No.Harrison_No@nospamn.sun.com)> wrote:

>But since this point is demonstrably untrue it seems pointless  
>to have made it.  
>  
>Solaris 2.6 is a 32bit OS that does not stop it making use of the  
>64 CPU's in a Sun E10000, Dynix was a 32bit OS that did not  
>stop it using the 64 CPU's in the Sequent NUMA-Q box.  
>  
>3.75 GB for a single process may be a problem for some applications  
>it is not for most. ...

For 32-bit Windows boxes it is a problem.

>>>You seem to have lost the plot, the 1-8 way market is where most server  
>>>revenues are and except in HPC people do not cluster commodity servers  
>>>in any large quantities to get additional throughput. They buy bigger  
>>>SMP servers instead because they cost less when you add in the  
>>>cluster interconnect, SAN and cluster SW/DBMS costs.  
>>  
>>  
>> That's what I have been saying all along. Thank you for agreeing with  
>> me.  
>>  
>  
>You seem to have missed the point, no one is interested in very large  
>Linux boxes or very large Windows boxes and they are also not going  
>to create clusters these smaller systems running either OS to try  
>to achieve the same effect.

That's not been my experience. I find businesses that have settled on  
Windows or Linux as their primary OS are interested in very large boxes.

>> The large SQL Server market does exist. HP is happily selling Integrity  
>> servers running Windows to customers.

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>*Hardly, most of the Integrity SuperDomes are running HP-UX and while*  
>*there may be very small numbers of customers running instances of*  
>*SQL-Server on them using Windows 2003 they hardly create a blip on*  
>*anything other than a marketeers radar.*

Since Sun has sold very few Opteron boxes, to date, can I assume that the V20z addresses a market that simply does not exist for Sun and that the box is nothing more than a marketeer's ploy?

>*Many people armed with P&L numbers have asked why HP bothers*  
>*making anything other than printers including the families*  
>*of your co-founders, the same question is being asked about*  
>*Intel and Itanium.*

Armed with P&L numbers, one has to ask why Sun bothers staying in business? It has had negative net earnings for the last 3 quarters straight and for 9 out of the last 11 quarters. Just so we understand the magnitude of its losses, it has reported a total of \$65M earnings in the positive quarters and \$4.58B in losses in the negative quarters during the last 11 quarters.

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