

Re: a dozen cpu's on a chip

I doubt it. A mailman won't deliver mail faster when he is using a Ferrari instead of bicycle. I think we are going to see slower, cheaper, more energy efficient computers with back-to-basic software for every day / office use.

Maybe. But there's certainly no trend in that direction yet. Vista is even more bloated than XP. My conjecture is that multiple cpu's on one chip will make computers simpler and more efficient, and certainly more reliable.

For example an embedded ARM or MIPS system running at 300MHz has enough power to run most common applications. It consumes at least 10 times less energy compared to a standard PC.

Oh, things are coming along nicely:

<http://www.sun.com/emrkt/innercircle/newsletter/0407feature.html>

"Sun foresees the need for extending thread count beyond 64 separate instances of a computer, which is why the chip that will follow UltraSPARC T2 (currently code-named Victoria Falls) is being designed to have 128 threads. These threads, however,

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will be fully extendible.
This will make it possible to link two
instances of Victoria Falls ?
both sharing common memory through a
hub chip ? for a grand total of
256 threads."

Just threads, not full cpu's [1], but it looks
good.

Here's one PPC and eight smaller processors
on one chip:

http://domino.research.ibm.com/comm/research_projects.nsf/pages/multi...

John

The Cell will be in our future. The power 6 looks pretty
good too.

A power 6 Cell would be neat.

[1] I kept the apostrophe so that people
whose expertise stops at 20
KHz can have something clever to say. But
to me, cpus looks awkward;
you'd pronounce it "seepuss."

CPUs It's an acronym, so it should be capitalized. The rules
on
pluralizing an acronym are what need to be defined.– Hide
quoted text –

– Show quoted text –

The rule: for acronyms of five letters or more, capitalize only the
first letter

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(e.g., Unicef).

Is there really a "rule" ?:-)

...Jim Thompson

I have only one rule: always make your own rules.

John

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