
Subject: Re: How does one size a HN? Is RAM or CPU more important?

Posted by [rickb](#) on Thu, 22 Feb 2007 09:05:02 GMT

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Quote:Does a dual-core processor also have hyperthreading in each core, or does a dual-core processor always count as 2 processors?

It depends on the model. Some do and some don't- check your intel specs sheet. I know this xeon is dual core with ht:

"Dual Core Processor 2.8GHz, 800MHz FSB, 2 x 2MB L2 cache, 135W, 90nm, mPGA604"

Quote:processor : 7
vendor_id : GenuineIntel
cpu family : 15
model : 4
model name : Genuine Intel(R) CPU 2.80GHz
stepping : 8
cpu MHz : 2794.252
cache size : 2048 KB
physical id : 1
siblings : 4
core id : 3
cpu cores : 2
fdiv_bug : no
hlt_bug : no
f00f_bug : no
coma_bug : no
fpu : yes
fpu_exception : yes
cpuid level : 5
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic mtrr pge mca cmov pat pse36 clflush dts
acpi mmx fxsr sse sse2 ss ht tm pbe lm pni monitor ds_cpl est cid xtp
bogomips : 5585.25

With this model, linux sees 8 CPUs. but there are two physical ones in there. Quad core, quad cpu, hyperthread. not sure about that one but sounds pretty crazy. 4*4*2
