



## Can a system upgrade fuel employee productivity?

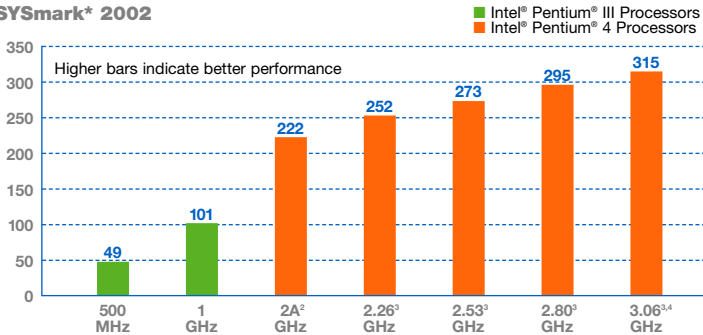
Multitasking increases the need for client PC performance. It's likely your employees don't run just one application; they use several simultaneously. As a result, processing requirements have climbed sharply. A high speed Intel® Pentium® 4 processor supporting Hyper-Threading Technology† delivers the performance to drive a complex mix of foreground and background applications, which can produce measurable productivity gains for your business. As measured on SYSmark\* 2002, system response times for PCs running on the latest Pentium 4 processors can reach over six times faster<sup>1</sup> than Pentium® III processor-based systems that were state of the art just three years ago. Today's processors are measured in Gigahertz not Megahertz.

In addition, when enabled, Hyper-Threading Technology can provide an immediate performance boost, up to 25% for many applications and work loads today.



## Productivity

### SYSmark<sup>®</sup> 2002



<sup>1</sup> SYSmark 2002 is an industry-standard benchmark designed to replicate today's multitasking environment with background processing. System Configurations—Intel<sup>®</sup> Pentium<sup>®</sup> III and Intel<sup>®</sup> Pentium<sup>®</sup> 4 processors at the speeds shown on above chart. Motherboard: Intel<sup>®</sup> Desktop Board SE2 440BX; Motherboard BIOS: SE440BX2.P17; Secondary Cache: 512KB half-speed cache; Memory Size: 128 MB PC100 SDRAM (Crucial<sup>®</sup> (Micron<sup>™</sup>) PC100 CL2 SDRAM); Hard Disk: IBM<sup>®</sup> 30GB ATA-100 DTLA-307030; Video Controller/Bus: nVidia<sup>®</sup> GeForce 3<sup>™</sup> AGP; Video Memory Size/Type: 64 MB DDRAM; Operating System: Windows<sup>®</sup> XP<sup>™</sup> w/ DirectX<sup>®</sup> 8.1; Video Driver Revision: nVidia Detonator 3<sup>™</sup> version 21.81, Graphics: 1024x768 resolution, 32-bit color; CD ROM Drive: Toshiba<sup>®</sup> 32X XM-6302B IDE; Sound Card: Creative Labs SoundBlaster<sup>®</sup> Live; Network Card: Intel Pro/100+ Management PCI LAN card

<sup>2</sup> Intel's advanced 0.13 micron process and 512K L2 Cache, 400-MHz system bus, PC800-40 RDRAM

<sup>3</sup> Intel's advanced 0.13 micron process and 512K L2 Cache, 533-MHz system bus, PC1066-32 RDRAM

<sup>4</sup> Intel<sup>®</sup> Pentium<sup>®</sup> 4 Processor 3.06 GHz supporting Hyper-Threading Technology

For more info visit [www.intel.com](http://www.intel.com),  
<http://www.intel.com/ebusiness/upgrade>,  
or contact your local Intel product reseller.

<sup>1</sup> Hyper-Threading Technology requires a computer system with an Intel<sup>®</sup> Pentium<sup>®</sup> 4 processor supporting HT Technology and a Hyper-Threading Technology enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use. See <http://www.intel/info/hyperthreading/> for more information including details on which processors support HT Technology.

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<sup>2</sup> Other names and brands may be claimed as the property of others.

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