

## Intel® Processors Meet the Challenges of Today's Small Businesses

Intel® Core™ i3 and Core™ i5 processors



Extra performance when small businesses need it, and increased energy efficiency when they don't.

**Intel® Turbo Boost Technology<sup>6</sup>**  
Extra gigahertz on demand from the Intel® Core™ i5 processors

**Intel® Hyper-Threading Technology<sup>7</sup>**  
Smart multitasking from both Intel® Core™ i3 processors and Intel® Core™ i5 processors

Intel® Xeon® Processors

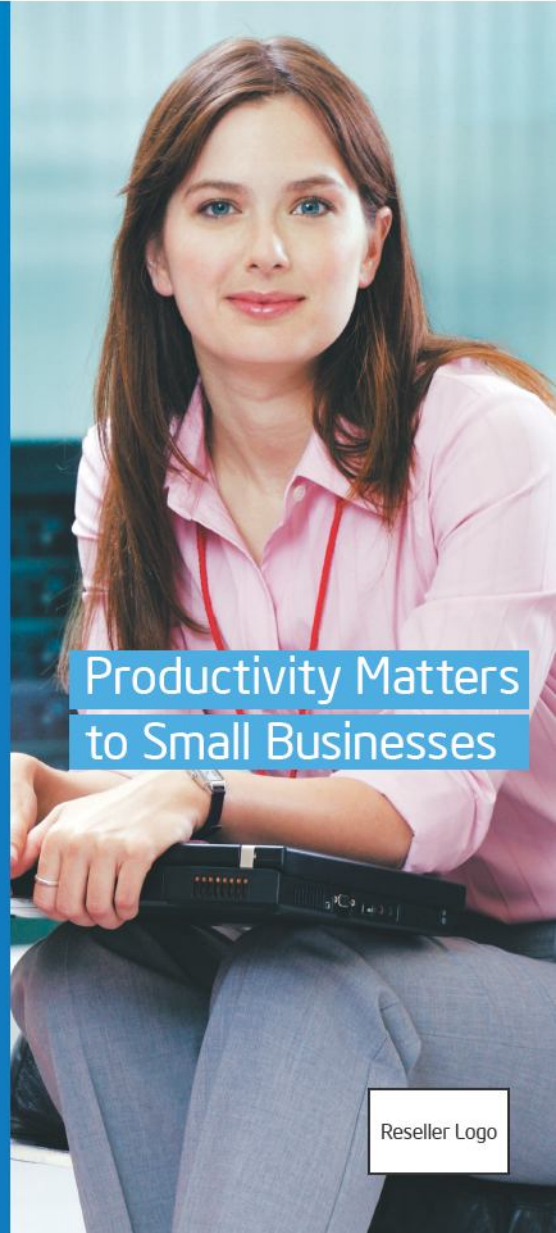


Intel® Xeon®-based servers are the best choice for small business productivity.

The Intel Inside® brand has been a sign of quality and reliability for 20 years.

1. Results shown are from Intel MSP Case Studies: Alpheon, Brito Computers, Dempsey, Nex-Tech, Sabio, SFT (<http://msp.intel.com/>). Actual results may vary.
2. Comparing an Intel® Core™ i5-520M processor based-laptop versus an Intel® Core™ 2 Duo processor T5500 processor based-laptop with comparable frequency. Actual performance may vary depending upon hardware, software and configuration. For more information, see: [http://www.intel.com/performance/mobility/mobility\\_perf\\_mfg\\_en](http://www.intel.com/performance/mobility/mobility_perf_mfg_en). Energy cost figures derived from Intel Energy Efficient 2.0 methodology, described here: <http://www.intelcapabilitiesforum.net/EERP/>.
3. "Using Total Cost of Ownership to Determine Optimal PC Refresh Lifecycles", Wipro Technologies, November 2009 [www.wipro.com/industryresearch/](http://www.wipro.com/industryresearch/).
4. Intel performance comparison using SPECintb2000\* business operations per second between four-year-old single-core Intel® Xeon® processor 3.8 GHz with 2M cache based servers and one new Intel Xeon processor X5670 based server. Actual performance may vary depending upon hardware, software and configuration. For more information, see: <http://www.intel.com/performance/server/xeon/servev2.htm>.
5. As measured by PCMark\* Vantage\*. Performance tests and ratings measured.
6. Intel® Turbo Boost Technology available on the Intel® Core™ i7 processor and the Intel® Core™ i5 processor only. Intel® Turbo Boost Technology requires a PC with a processor with Intel Turbo Boost Technology capability. Intel Turbo Boost Technology performance varies depending on hardware, software, and overall system configuration. Check with your PC manufacturer on whether your system delivers Intel Turbo Boost Technology. For more information, see <http://www.intel.com/technology/turboboost>.
7. Intel® Hyper-Threading Technology (Intel® HT Technology) requires a computer system with a processor supporting Intel HT Technology and an Intel HT Technology-enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use. The Intel® Core™ i5-750 desktop processor does not support Intel HT Technology. For more information, including details on which processors support Intel HT Technology, see <http://www.intel.com/technology/platform-technology/hyper-threading/index.htm>.

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## Productivity Matters to Small Businesses

Reseller Logo

## Productivity Matters to Small Businesses

Looking to act on opportunities in a recovering economy?

Intel® solutions make sure your IT environment is productivity-ready.

### Productivity for small businesses is about achieving:

**FASTER** 24/7 communications with customer and employees

**SMARTER** approaches to tackle business challenges

**ADAPTABLE** solutions to address new customer requirements

### Technology helps you take advantage of productivity-enhancing tools such as:

- Video conferencing
- Database storage
- Document organization

## The Benefits of New Technology

Running older machines may seem like a cost-saving strategy. In the long-run, it actually costs small businesses more money and productivity.

- Older machines break down more often.
- Updated PCs reduce average system downtime by up to 36%.<sup>1</sup>

### What's the most important part of the computer?

- The processor. It is responsible for overall system performance.



**Newer PCs experience 40 percent less downtime than older PCs.**

(Source: 12/2009 Techaisle report)

## Productive Small Business Computing Begins with Intel Inside®

<b>Intel® Core™ i5 processors</b>	Offer intelligent performance	Up to 50% more energy efficient vs. a 3 year old PC <sup>2</sup>
<b>The 2010 Intel® Core™ vPro™ Processor Family</b>	Offer additional productivity enhancements	Reduces average system downtime by up to 36% <sup>3</sup>
<b>Intel® Xeon® Processor 5600 series</b>	Adapts to workload and environment	15x performance improvement over single-core servers <sup>4</sup>
<b>Intel® Solid-State Drives</b>	Create worry-free alternative to the hard drive	Up to 56% faster PC responsiveness <sup>5</sup>

**Faster. Smarter. Adaptive.**  
That's intelligent performance small businesses depend on.