



The Benefits of New Technology

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

- Updated PCs reduce average system downtime by up to 36%.¹¹

What's the most important part of the computer?

- The processor. It's responsible for overall system performance.

Now is the time to prepare for the opportunities that come with an improving economy.

Newer PCs experience 40 percent less downtime than older PCs.

(Source: TechAisle)



1. "Using Total Cost of Ownership to Determine Optimal PC Refresh Lifecycles", Wipro Technologies, November 2009 (www.wipro.com/industryresearch).
2. Cross-client claim based on lowest performance data number when comparing desktop and mobile benchmarks. Configurations and performance test as follows: Mobile: Comparing Intel® Core™ i5-520M processor based laptops to theoretical installed base of Intel® Core™2 Duo processor T5500. Desktop: Comparing Intel® Core™ i5-650 processor based desktops to theoretical installed base of Intel® Core™2 Duo Processor E6400 with comparable frequency. Business productivity claims based on BAPCO® SYSmark® 2007. Actual performance may vary depending upon hardware, software, and configuration. For more information, see: http://www.intel.com/performance/desktop/core5_table.htm.
3. As measured by PCMark® Vantage®. Performance tests and ratings measured.
4. Performance results on VMmark® benchmark. Intel® Xeon® X5470 data based on published results. Xeon® X5570 Intel internal measurement. (February 2009): HP® ProLiant® ML370 G5 server platform with Intel® Xeon® processors X5470 3.33 GHz, 2x6 MB L2 cache, 1333 MHz FSB, 48 GB memory, VMware ESX V3.5.0 Update 3 Published at 9.15@ 7 files vs. Intel® Xeon® processor X5570, 2.93 GHz, 8 MB L3 cache, 6.4QPI, 72 GB memory (18x4GB DDR3-800), VMware® ESX Build 140815. Performance measured at 19.51@ 13 files.
5. METR Group, February 2004.
6. Based on the theoretical maximum bandwidth enabled by 3x3 802.11n implementations with 3 spatial streams in combination with a 3 spatial stream Access Point. Actual wireless throughput and/or range will vary depending on the specific operating system, hardware, and software configurations.
7. Claim based on tests using current Intel® Core™ i5 processor compared to typical 3- to 4-year old installed base products as defined by IDC (December 2008).
8. Not available on Intel® Core™ i3 processors. Performance varies depending on hardware, software, and system configuration.
9. Requires a system with an Intel® Hyper-Threading Technology enabled processor, BIOS, and OS. Not available on i-750 processor. Performance will vary depending on the specific hardware and software you use. Consult your manufacturer on whether your system delivers such functionality. For more information, see www.intel.com/info/hyperthreading.
10. Intel measurements as of February 2010. Performance comparison using server side java bops (business operations per second).
11. Results shown are from Intel MSP Case Studies: Alpheon®, Brite Computers®, Dempsey®, Nex-Tech®, Sabior®, SFT® (<http://misp.intel.com/>). Actual results may vary.

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Productive Small Business Computing Begins with Intel Inside® and You.

Productivity Matters to Small Businesses

The right technology helps small businesses take advantage of productivity-enhancing tools such as:

- Video conferencing
- Database storage
- Document organization

Are your customers' employees productivity-ready?



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

Small Business Need	Intel® Small Business Productivity Solution	Benefits	Benchmarks
System uptime	The 2010 Intel® Core™ vPro™ Processor family	- Better worker productivity - Decrease in lost data - Improved security	Reduces average system downtime by up to 36% ¹
Fast, safe PCs	Intel® Advanced Encryption Standard (AES) instructions	- Encryption performance - Achieves both security and performance	Encrypts sensitive data up to 3.5 times faster ² on the Intel® Core™ i5 processor.
Reliable data storage	Intel® solid-state drives	- More responsive - Longer battery life - Ability to use computer safely in rugged environments	Up to 56% faster PC responsiveness ³
To maximize investments	Intel® Virtualization Technology	- Servers effectively support multiple operating systems and applications - Maximum system utilization	Enhances native virtualization performance by up to 2.1 times ⁴
Flexibility to conduct business on the go	Intel® mobile processors	- Increased worker productivity - Ability to bring computing to a variety of environments	Get increased productivity by up to 6 hours per week ⁵
Mobile business applications	Intel® Centrino® wireless products	- Faster connections in more places - Consistent coverage with predictable roaming - Minimal power consumption	Increased bandwidth by up to 8 times ⁶ compared to 802.11a/b/g for faster network connectivity

INTEL® CORE™ PROCESSOR FAMILY



Extra performance when small businesses need it and increased energy efficiency when they don't. Up to two times faster multitasking versus a three-year-old PC⁷

INTEL® TURBO BOOST TECHNOLOGY⁸

Extra gigahertz on demand

INTEL® HYPER-THREADING TECHNOLOGY⁹

Smart multitasking

INTEL® XEON PROCESSORS



Intel® Xeon®-based servers are the best choice for small business productivity. Up to 15 times better performance over installed single-core servers¹⁰



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

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