Make Your Small Business a Mighty Business

For growing small businesses looking to stay competitive, getting more done in less time is a top priority. While there are many ways to enhance the productivity and efficiency of your organization, upgrading your existing server or desktop PC used as a server to an Intel® Xeon® processor E3 family-based server is a great start.

Run business software more than 2.5 times faster than a 3-year-old desktop PC used as a server.[1]
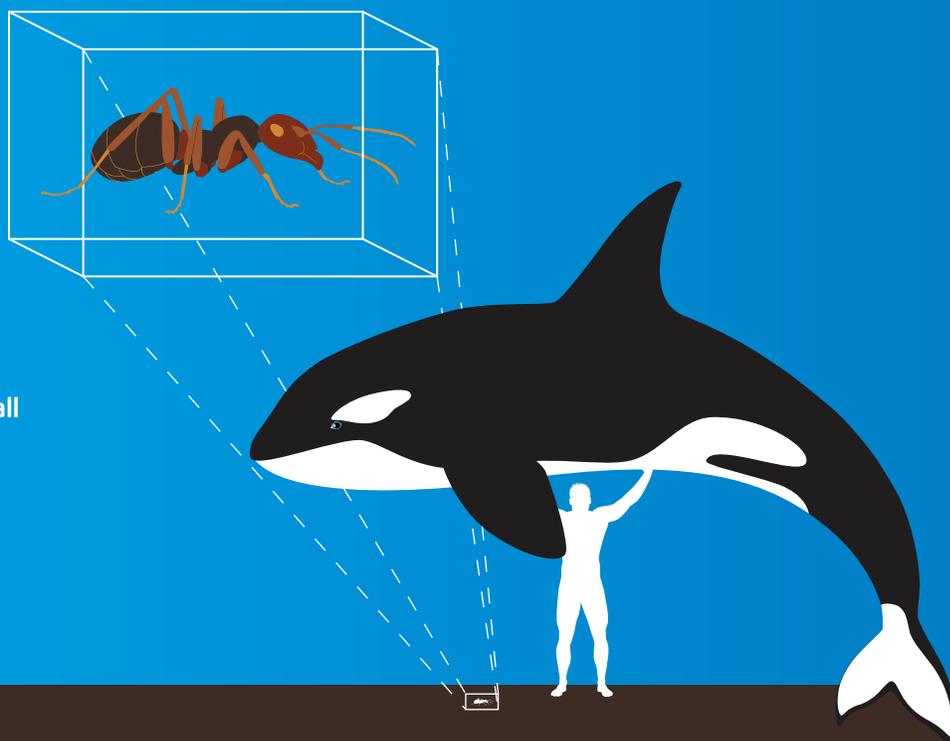
Upgrade for Mighty Capabilities

New innovations in the last few years make today's servers much more reliable, secure, powerful and affordable—in short, better able to support the demands of today's fast-moving small business environment at prices comparable to high-end desktop systems. Whether you're looking to consolidate your business information into one place or enhance the security of the PC technology running your business, an Intel® Xeon® processor E3 family-based server can help by bringing together the latest built-in Intel technologies designed to help keep your data safer and employees more productive.

SMALL BUT MIGHTY FACT #23

Ants lift and carry up to 50X their own weight. That's like you lifting a whale.

Bring the strength of a server to your small business, for one less burden to carry. Intel® Xeon® processor E3 family.

Access Data Faster and More Efficiently:

- Run your business applications for email, web and database services more than 2.5 times faster as compared to a 3-year-old desktop system.[1]
- Enjoy extra capacity and flexibility for business growth with expanded storage and networking connections—four more PCI Express* ports versus a desktop PC.
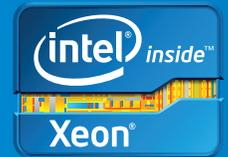
Built to Operate 24/7/365:

- Avoid business interruptions or costly downtime with automatic data error checking (ECC memory).
- Quickly recover files in the event of a hard drive failure with redundant data storage.[2]

Protect Critical Business Information:

- Secure sensitive data and files up to 58% faster, with Intel® AES New Instructions (AES-NI).[3, 4, 5]
- Better protect your operating system and data from a malware attack with Intel® OS Guard.[6]
- Enhance your security applications with faster, higher-quality cryptographic keys and certificates with Intel® Secure Key.[7]

Power small business growth by upgrading to a server based on the Intel® Xeon® processor E3 family: **www.intel.com/xeone3**

[1] Averaged normalized performance of three small- and medium-sized business workloads (e-mail, database, and web) on an Intel® Xeon® processor E3-1240v2 based server is up to 327% faster than on a Intel Core 2 Quad processor Q8400-based server based on the results of a study conducted by Principled Technologies in May 2012.

[2] For more information on Intel® Rapid Storage Technology, visit http://www.intel.com/p/en_US/support/highlights/chpsts/imsm.

[3] Software and workloads used in performance tests may have been optimized for performance only on Intel® microprocessors. Performance tests, such as SYSmark* and MobileMark*, are measured using specific computer systems, components, software, operations, and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products.

[4] Intel ® AES-NI requires a computer system with an AES-NI enabled processor, as well as non-Intel software to execute the instructions in the correct sequence. AES-NI is available on Intel® Xeon® processors, Intel® Core™ i5-600 Desktop Processor Series, Intel® Core™ i7-600 Mobile Processor Series, and Intel® Core™ i5-500 Mobile Processor Series. For availability, consult your reseller or system manufacturer. For more information, see http://www.intel.com/content/www/us/en/architecture-and-technology/advanced-encryption-standard--aes-/data-protection-aes-generaltechnology.html.

[5] Source: Performance comparison when encrypting a 32 GB SSD. Baseline score of 14 minutes 57 seconds, the mean of 3 runs, on prior generation Intel® Xeon® processor X3480 (Quad-Core, 3.06 GHz, 8 MB L3 cache) based platform (and new score of 9 minutes 24.67 seconds, the mean of 3 runs ,on an Intel® Xeon® processor E3-1280 (Quad-Core, 3.5 GHz, 8 MB L3 cache) based platform are based on the best-published results as of January 2011. For more information go to http://www.intel.com/performance.

[6] No system can provide absolute security. Requires an Intel® OS Guard enabled Intel® Xeon® processor E3-1200 v2 product family-based platform and an enabled operating system. Consult your system manufacturer for more information.

[7] No system can provide absolute security. Requires an Intel® Secure Key-enabled Intel® Xeon® processor E3-1200 v2 product-based platform and software optimized to support Intel Secure Key. Consult your system manufacturer for more information.

[8] Source: http://insects.about.com/od/antsbeeswasps/a/10-cool-facts-about-ants.htm

* Other names and brands may be claimed as the property of others.

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