

# SOLUTION BRIEF

## COST-EFFECTIVE, HIGH-PERFORMANCE SERVER SOLUTION FOR SMALL BUSINESSES



### ACER AC100 PRODUCT SPECIFICATIONS

**Operating System:** Windows Small Business Server 2011 Essentials

**Processor:** Intel Xeon processor E3-1200 product family

**Memory:** 2, 4, 8\* GB DIMM (\*depending on 8 GB DIMM availability)

**Storage:** 4 x 3.5-inch hot swappable SATA

**Expansion Slots:** 1 PCIe x8 expansion slot

When considering the purchase of a server solution for your business, you are concerned about affordability, complexity, and reliability. You need a solution that promotes user productivity and data security while reducing the threat of costly downtime. However, with tight budgets, a server solution may seem too complex and costly to install and manage. Have you opted for using a desktop-based system in place of a server, believing it will meet your needs? Or have you trusted that your current server solution purchased years ago is good enough? But how reliable, secure, and cost-effective are these solutions?

With the latest offering from Acer, you no longer need to compromise. Focus your energy on finding, retaining, and servicing customers by taking advantage of a complete server solution that meets your needs at a cost you can afford. The Acer AC100 running Windows® Small Business Server (SBS) 2011 Essentials with the Intel® Xeon® processor E3-1200 product family provides a proven server solution designed just for your business. Gain enterprise-class technology with an affordable, high-performance all-in-one server solution.

### IDEAL SERVER PLATFORM FOR YOUR BUSINESSES

The Acer AC100 can help your business balance business and IT needs. The combined power of the hardware, software, and processor provides a platform that enables your employees to be more productive, while ensuring IT infrastructure reliability, manageability, and security. The end result is more time to grow your business.

### Smart Investment for Your Business

Gain industry-leading performance with the ability to scale as your business grows.

- Get 5.9 times better performance<sup>1</sup> than previous generation servers and desktops with the new Intel Xeon processor E3-1200 product family.
- Easily expand your server capacity to grow with your business with features that allow you to add storage and connect additional devices.
- Support your green initiatives by improving performance while reducing power consumption with highly energy efficient hardware.



## Enhanced Reliability and Security

Keep your data safe and your resources up and running.

- Increase the dependability and protection of your server with the ability to catch and correct memory errors before they lead to downtime or data corruption with Error Correcting Code (ECC) memory.
- Prevent the loss of business-critical data by performing automatic backup and restoration of your files with features built into SBS 2011 Essentials.
- Encrypt your data to boost security without compromising the performance of your server with Intel® AES-NI.<sup>3</sup>
- Ensure that the right people are accessing the right information by controlling file and folder access.

- Get the productivity tools your employees need at a price you can afford. SBS 2011 Essentials integrates with hosted online services such as email and collaboration software.
- Help your employees stay in touch with colleagues and customers using enterprise-class email, contacts, calendar, and communications provided by SBS 2011 Essentials.

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**PROTECTING DATA IS CRITICAL—  
43 PERCENT OF BUSINESSES THAT  
SUFFER A DATA BREACH NEVER  
RE-OPEN.<sup>2</sup>**

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## Improved User Productivity

Increase the productivity of your users with capabilities that streamline management and help them get more done faster.

- Proactively set up printers and faxes with easy-to-use Acer ITSmart tools.
- Enable your IT partner to perform centralized, secure backups, and updates remotely using Intel® Active Management Technology (Intel® AMT).

## STATE-OF-THE-ART SERVER SOLUTION

With the Acer AC100 running SBS 2011 Essentials powered by the Intel Xeon processor E3-1200 product family you can gain a server solution tailored specifically for your business. Reduce costs, protect your business, and gain new levels of flexibility for growth with a cost-effective server solution.

### RESOURCES AND LINKS

Acer AC100:

- <http://us.acer.com/ac/en/US/content/series/ac100>

Intel® Xeon® processor E3-1200 product family:

- [www.intel.com/products/server/processor/xeonE3](http://www.intel.com/products/server/processor/xeonE3)
- [www.intel.com/itcenter/products/xeon/e3/](http://www.intel.com/itcenter/products/xeon/e3/)

Small Business Server 2011 Essentials:

- [www.microsoft.com/sbs/](http://www.microsoft.com/sbs/)

Intel & Microsoft Alliance Site:

- [www.intelalliance.com/microsoft](http://www.intelalliance.com/microsoft)

<sup>1</sup> Averaged normalized performance of three SMB workloads (e-mail, database, and web) on a 1S server based on Intel® Xeon® processor E3-1240 is up to 495% better than a desktop-based server using Intel® Core™ 2 Duo Processor E6400 based on the results of a study conducted by Principled Technologies.

<sup>2</sup> Source: According to a study conducted by the University of Texas

<sup>3</sup> 58% faster disk encryption was measured on Intel® Xeon Processor E3-1280 compared to Intel® Xeon® Processor X3480 in an Intel internal performance study in January 2011.

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