

# WINDOWS® ESSENTIAL BUSINESS SERVER 2008



Windows® Essential Business Server 2008 brings together Microsoft® product technologies into a single solution with a fully integrated multi-server installation and administration experience. Windows Essential Business Server 2008 is designed to help midsize businesses achieve greater efficiency by simplifying the administration and deployment of the company's infrastructure, while also facilitating superb integration, advanced security features, and automation of specific tasks.

## **ENABLE YOUR BUSINESS**

Rather than having to purchase, install, manage, and maintain multiple products or technologies in isolation, Windows® Essential Business Server 2008 brings these Microsoft® products together into a single solution to facilitate a fully integrated installation and administration experience. Tasks that may typically take hours, if not days, to complete can be executed simply and efficiently. Designed specifically for midsize business environments with 50 to 300 users or devices, Windows® Essential Business Server 2008 (EBS 2008) may significantly minimize the time required for administering the infrastructure and can provide IT administrators with more time for IT initiatives and strategies that maximize business value.

## **BUILD YOUR BUSINESS WITH DELL**

### **Dell offers business-ready, easy-to-manage solutions**

Dell understands the demands placed on small and medium business customers, so when it comes to your IT needs, we design our solutions to be simple to set up, manage, and maintain. EBS 2008 offers easy tools, such as advanced setup wizards, designed to help reduce setup from days for a manual installation to hours with reference configurations. With Dell and EBS 2008, small and medium businesses can have robust but easy-to-manage IT infrastructure solutions that enable IT administrators to focus their valuable time and energy on business goals and objectives rather than on the technology that sustains it.

### **Dell delivers worry-free performance and security**

Recognizing the importance of information security, Dell™ PowerEdge™ servers offer security features to help ensure the confidentiality, integrity, and availability of your data. Some security features include a locked-down internal USB port, chassis intrusion switch, locking cover mechanisms, and built in Trusted Platform Module (TPM) that enables system authentication, assists with encryption, and helps prevent tampering. Combine these with the features of EBS 2008 and you can have a secure, reliable, robust IT infrastructure<sup>1</sup>.

### **Dell grows with you**

Medium-sized businesses require the features and functionality available to large businesses, but tailored to their specific needs. Dell PowerEdge Servers and EBS 2008 provide the power and performance small and medium businesses need, while allowing for scalability and growth. Together, Dell PowerEdge servers and EBS 2008 provide the capabilities you need to manage your business now — and in the future.

## **GETTING THE SUPPORT YOU NEED**

You're focused on your business and don't have time to worry about IT. Dell ProSupport<sup>2</sup> lets you choose the service level that fits your needs.

<sup>1</sup>Features available on select PowerEdge servers and vary by region.

<sup>2</sup>Availability and terms of Dell Services vary by region. For more information, visit [www.dell.com/servicedescriptions](http://www.dell.com/servicedescriptions).

Choose between Dell ProSupport for End-Users or Dell ProSupport for IT. Dell ProSupport gives you access to highly trained technicians in an average of 2 minutes or less, 7 days a week, 24 hours a day<sup>3</sup>. For help with more than Dell hardware, visit [DELL.COM/ProSupport](http://DELL.COM/ProSupport).

WINDOWS® ESSENTIAL BUSINESS SERVER 2008 BENEFITS	PRODUCT TECHNOLOGIES	EBS 2008 STANDARD EDITION	EBS 2008 PREMIUM EDITION
<b>Server Operating System:</b> Microsoft® Windows Server® 2008 Standard technologies provide the core foundation of Windows® Essential Business Server 2008. Windows® Server 2008 is the most flexible and robust Windows® Server operating system to date.	Windows Server® 2008 Standard Technologies	✓	✓
<b>Management and Monitoring:</b> Microsoft® System Center Essentials 2007 is fully integrated within Windows® Essential Business Server 2008. It is a management solution in the System Center IT management product family specifically designed for midsize businesses and helps IT professionals actively manage their IT environment with increased efficiency.	Microsoft® System Center Essentials 2007	✓	✓
<b>Messaging and Collaboration:</b> Microsoft® Exchange Server 2007 Standard Edition product technology introduces advanced e-mail and calendar functionality to Windows® Essential Business Server 2008 environments. Exchange Server offers a seamless end-user messaging experience and advanced security features.	Microsoft® Exchange Server 2007 Standard Edition	✓	✓
<b>E-mail Security:</b> Microsoft® Forefront™ Security for Exchange Server <sup>4</sup> (Forefront) helps protect e-mail from viruses, worms, and spam. Forefront incorporates multiple cutting-edge antivirus engines offering layered protection against the latest e-mail-based threats.	Microsoft® Forefront™ Security for Exchange Server <sup>2</sup>	✓	✓
<b>Edge Security:</b> In addition to the security features enabled by the Microsoft® Exchange Server 2007 Edge Role, Windows® Essential Business Server 2008 incorporates the latest version of Microsoft® Forefront Threat Management Gateway Medium Business Edition, <sup>5</sup> an integrated edge security gateway that helps protect against Internet-based threats while providing users fast and secure remote access to applications and data.	Microsoft® Forefront Threat Management Gateway Medium Business Edition <sup>3</sup>	✓	✓
<b>Second Server Operating System:</b> Windows® Essential Business Server 2008 Premium Edition adds a fourth server. Premium Edition includes a copy of Windows® Server 2008 Standard, the most flexible and robust Windows® Server operating system to date.	Windows Server® 2008 Standard		✓
<b>Database:</b> Microsoft® SQL Server™ 2008 Standard Edition is a comprehensive data management and analysis software solution. SQL Server 2008 is a performance leader and one of the fastest growing database solutions in the industry today.	Microsoft SQL Server® 2008 Standard Edition		✓
<b>SYSTEM REQUIREMENTS</b>			
<p><b>Processors:</b> 2.5GHz or faster (x64 single core CPU), 1.5GHz or faster (x64 multi-core or multiple physical CPUs)  <b>RAM :</b> Management Server: 4GB of RAM; Security Server: 4GB of RAM; Messaging Server: 4GB of RAM</p> <p>Note: Windows Essential Business Server 2008 Standard Edition is only available as a 64-bit operating system; your server hardware must have a 64-bit processor to install and use. Windows Essential Business Server 2008 Premium Edition adds a fourth server running either 32-bit or 64-bit versions of the operating system.</p>			
<b>Hard Disk Drives</b>			
<ul style="list-style-type: none"> <li>Operating System Drive Partition – Minimum of 45GB of free disk space</li> <li>Application Data Drive Partition – Minimum of 50GB of free disk space</li> <li>Recommended Hard Disk Configuration for Management and Messaging Servers Eight hard disk drive bays (provides for in-server storage expansion); Operating system stored on RAID 1 volumes — application data stored on RAID 5 volumes.</li> <li>Recommended Hard Disk Configuration for Security Server Two or more hard disk drive bays; Operating System and Application Data stored on a single RAID 1 volume.</li> </ul>			
<b>Other Requirements</b>		<b>Other Recommendations</b>	
<ul style="list-style-type: none"> <li>DVD-ROM – Must be bootable from the system BIOS or a peripheral connection such as a USB port.</li> <li>Network Interface Card (NIC) – One network adapter that supports a 10Mbps or greater link speed. Two network adapters are required for the Security Server.</li> </ul>		<ul style="list-style-type: none"> <li>Dedicated hot swap hard disk drive configured for RAID 1 or RAID 5 volume failover.</li> <li>Redundant power supply for each server.</li> <li>Hard disk speeds 10K RPM or greater.</li> <li>One or more additional network adapters per server at 10Mbps or greater.</li> </ul>	

 **Windows®**  
Essential Business Server 2008

**EMPOWER YOUR BUSINESS AT [DELL.COM/EBS 2008](http://DELL.COM/EBS 2008)**

<sup>2</sup>24/7 support available in English only in some regions.

<sup>4</sup>Windows Essential Business Server 2008 includes a trial subscription to Microsoft Forefront Security for Exchange Server available through Microsoft. For more information, visit the Microsoft website.

<sup>5</sup>Windows Essential Business Server 2008 includes a Web Anti-malware subscription for Forefront Threat Management Gateway, Medium Business Edition, available through Microsoft. For more information, visit the Microsoft website.

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