Minimum System Requirements

This document lists the minimum system infrastructure required to run your Blackbaud system. Blackbaud recommends the purchase of top-of-the-line equipment when possible and that organizations budget for continual upgrades to their system. Please note that system requirements are subject to change, so make sure you have the latest information before making any purchases.

In addition to the following requirements, Blackbaud strongly recommends the purchase and scheduled use of a tape or archival backup solution. Blackbaud recommends regular testing of your backups to ensure reliability.

Note: System Requirements are subject to change. Before making any purchase or installation decisions, ensure you have the latest system requirements and review the third-party compatibility information in the Knowledgebase. If you use multiple Blackbaud products, refer to the system recommendation for each product; the total requirements may be different from what is listed below.

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workstation minimum requirements	
operating system	Windows XP Professional SP2 or higher, Windows Vista, or Windows 7. .NET Framework 2.0 SP1, .NET Framework 3.0 SP1, .NET Framework 3.5, or .NET Framework 4.0
browser	Internet Explorer 8.0 or higher; latest versions of Firefox, Safari and Chrome. **Note:** For instances hosted by Blackbaud, you must install Internet Explorer 8.0 or higher on the workstation.
processor (CPU)	Intel Pentium/Celeron family, 2Ghz clock speed or faster
memory (RAM)	256 MB minimum
disk space	150 MB minimum for processing activities and download cache
display	SVGA (1024 x 768 recommended)
network	Connection via HTTP to the application web server
database server minimum requirements	
operating system	Windows Server 2008 or Windows Server 2008 R2.
database	SQL Server 2008 Standard SP2 or higher SQL Server 2008 Enterprise SP2 or higher, or SQL Server 2008 R2 Enterprise SP1
processor (CPU)	♦ Intel Pentium/Celeron family, 3Ghz clock speed or faster ♦ Minimum 4 logical CPUs available for SQL Server. Ex. 4 Physical CPUs, 2 Dual-Core CPUs, 2 Physical CPUs w/ Hyperthreading
memory (RAM)	8 GB Minimum The amount of RAM available is a significant factor in the performance of SQL Server. SQL Server 64-bit edition allows the use of a large amount of physical RAM.

hard disk	A high performance disk subsystem with RAID technology is recommended. RAID 1+0 (striping + mirroring) for the data and log files.	
	total number of records (constituents and gifts)	minimum disk space for database
	Fewer than 100,000	2 GB
	100,000 - 250,000	3 GB
	250,000 - 500,000	5 GB
	500,000 - 1,000,000	10 GB
	1,000,000 - 2,000,000	15 GB
	2,000,000 - 5,000,000	20 GB
	5,000,000+	20GB + 4GB for each additional one million records

web server minimum requirements	
operating system	Windows Server 2008 SP2 with IIS 7.0 or Windows Server 2008 R2 with IIS 7.5. .NET 4.0. 64-bit supported on x64 hardware.
network security	SSL should be used if clients will connect over a public non-secure network.

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processor (CPU)	• Intel Pentium/Celeron family, 3Ghz clock speed or faster • Minimum 2 logical CPUs. Ex. 2 Physical CPUs, 1 Dual-Core CPUs, 1 Physical CPU w/ Hyperthreading
scale out	• Load balancing is supported with single-client affinity • There is no limit to the number of web servers that can be employed for load balancing
memory (RAM)	2GB Minimum
hard disk	The web server makes minimal use of the disk. Therefore, a high performance disk subsystem is not required on the individual web servers.

Other Compatibility Information

software compatibility	
The Raiser's Edge	Please refer to the latest Knowledgebase for integration information with versions of The Raiser's Edge. (BB419066)
Blackbaud NetCommunity	Please refer to the latest Knowledgebase for integration information with versions of Blackbaud NetCommunity. (BB702056)
Microsoft Office	The Microsoft Office integration supports Office 2007 and Office 2010.

Subject to change, visit www.blackbaud.com for current information