

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.

Blackbaud Enterprise CRM

workstation requirements		
operating system	Windows XP Professional. SP2 or higher <i>or</i> Microsoft Windows Vista .Net Framework 2.0 SP1 installed, or .NetFramework 3.0 SP1 installed, or .NetFramework 3.5 <i>For instances hosted by Blackbaud, Internet Explorer 7.0 must be installed on the workstation</i>	
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 requirements		
operating system	Windows 2008 Server. Windows 2003 Server, SP1 or higher	
database	For BBEC version 1.6 and earlier: SQL Server 2005 SP2 or higher SQL Server 2005 SP2 64-bit supported on x64 hardware For BBEC 1.7 and later: SQL Server 2008 Standard or higher SQL Server 2008 Enterprise or higher	
processor (CPU)	<ul style="list-style-type: none"> 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/ Hyper-threading	
memory (RAM)	2GB 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 requirements		

operating system	Windows 2008 Server. Windows 2003 Server, SP1 or higher
Application Server	IIS 6.0 + ASP.Net 3.5 SP1 64-bit supported on x64 hardware
Network Security	SSL should be used if clients will connect over a public non-secure network.
processor (CPU)	<ul style="list-style-type: none">◆ 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/ Hyper-threading
Scale Out	<ul style="list-style-type: none">◆ 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

Blackbaud NetCommunity

Compatibility	Please refer to the latest Knowledge Base for integration information with versions of NetCommunity. (BB702055) .
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