

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 Direct Marketing

workstation minimum requirements	
browser	Internet Explorer 11.0 or higher; latest versions of Firefox, Safari, Chrome, and Microsoft Edge. Note: Ensure that your browsers have been upgraded to support TLS 1.1 and higher. See operating systems and browsers that support TLS 1.1 . Also, notify your constituents to upgrade their browsers to TLS 1.1 supported versions to ensure continuity of communications and transactions. For more information, see our Best Practices Guide for sharing TLS requirements with your donors.
processor (CPU)	Intel Pentium/Celeron family, 2Ghz clock speed or faster
memory (RAM)	Minimum requirements for your operating system.
disk space	150 MB minimum for processing activities and download cache
display	SVGA (1024 x 768 minimum). Text and browser zoom of 100%.
network	Connection via HTTPS to the application web server
internet connection	Broadband (business grade cable modem or DSL).
database server minimum requirements	
operating system	Windows Server 2008 R2 SP1 or higher. Windows Server 2012 R2 with IIS 8.0 or 8.5.
transactional database	SQL Server 2012 Standard SQL Server 2012 Enterprise SQL Server 2014 Standard SQL Server 2014 Enterprise Note: <i>Blackbaud Direct Marketing</i> 4.0 must be installed on SQL Server 2012 or 2014, but it can communicate with a Raiser's Edge instance installed on SQL Server 2008. SQL Server 2012 Enterprise SP4 with compatibility level 110. SQL Server 2014 Enterprise SP1 with compatibility level 110 or SP2 with compatibility level 110. Compatibility level 120 is not supported.
processor (CPU)	Please contact Blackbaud to determine the requirements for your specific configuration.
memory (RAM)	Please contact Blackbaud to determine the requirements for your specific configuration.
web server minimum requirements	
operating system	Windows Server 2008 R2 SP1 or higher with IIS 7.5. Windows Server 2012 R2 with IIS 8.0 or IIS 8.5. .NET Framework 4.5.2. 64-bit supported on x64 hardware.
network security	Blackbaud recommends Transport Layer Security (TLS) if you 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/ Hyperthreading
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.
security	<p>Blackbaud recommends securing your web server with Layer Security (TLS) 1.2 or equivalent technology to prevent unauthorized access to transmitted data.</p> <p>Note: Blackbaud is not responsible for the installation, configuration, or testing of any web-security measures. Blackbaud assumes no responsibility for the security of your web server or any adverse consequences resulting from security issues. Blackbaud software does not establish or modify security on the web server. Refer to www.microsoft.com for specific security measures and NTFS permissions needed by Windows Server 2008 R2, Windows Server 2012 and IIS.</p> <p>If you are a Blackbaud hosted client, your workstation should support TLS 1.1 or greater.</p>

Other Compatibility Information

software compatibility	
The Raiser's Edge	Blackbaud Direct Marketing 4.0 is compatible with The Raiser's Edge 7.96 and higher.
Blackbaud NetCommunity	Blackbaud Direct Marketing 4.0 is compatible with Blackbaud NetCommunity 7.1.194 SP3 .
Microsoft Office	The Microsoft Office integration supports Office 2010, Office 2013 and Office 2016.