

The following pages are the minimum system requirements Blackbaud suggests for each of the **Blackbaud NetCommunity 6.10** components. For a more in-depth technical configuration of **Blackbaud NetCommunity**, read the Blackbaud NetCommunity Configuration Overview, located under Support, Users Guides on our website. Please contact your Blackbaud account manager if you do not have access to this information.

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

Blackbaud NetCommunity

Blackbaud NetCommunity database server

operating system	Windows 2003 Server and Windows Server 2008. Note: Domain controllers, Windows 2000 Server, NT 4.0 Server, Windows Server 2003 web Edition, Windows Server 2008 Itanium, and peer-to-peer networks are not supported.
processor (CPU)	<ul style="list-style-type: none"> ◆ Pentium D-class 3 GHz minimum or AMD equivalent recommended. ◆ Larger networks and databases require faster processors. ◆ SQL Server provides enhanced support for Windows servers with multiple processors. It is designed to improve the performance of multi-user databases under heavy use and increase the workload the database can handle. It can also handle larger databases and/or a large numbers of users (20 and more). ◆ A dedicated database server, especially with high user loads and activity, should be considered. No mission-critical databases or other client/server applications, including other Blackbaud applications, should run on the same server. ◆ If running more than one client/server application on the same server, the server needs to exceed the minimum recommendations for optimal performance.
SQL Server	SQL Server 2005 and SQL Server 2005 64-bit, SQL Server 2008 and SQL Server 2008 64-bit Standard and Enterprise editions are supported. SP2 is the minimum requirement for use with SQL Server 2005. Note: Search functionality in Blackbaud NetCommunity requires full-text search be installed with SQL Server.
memory (RAM)	2 GB minimum and 4 GB or more recommended. More memory may be required for databases larger than 1 GB. The maximum memory for SQL Server is limited to Operating System maximum. Note: SQL Server can dynamically allocate the optimal amount of memory (or cache) to the database to increase performance. Consider purchasing more than the recommended RAM to allow for a larger cache.
disk space	200 MB minimum for Blackbaud NetCommunity database. Note: Requirements vary, depending on the number of records and pages developed.
hard disk	A high performance disk subsystem, such as SCSI-2 and RAID technology, is recommended.

administrative workstation requirement

browser	Internet Explorer 7.0 or higher and Firefox 3.0 or higher with cookies and Javascript enabled, for the Blackbaud NetCommunity Administrative workstations.
---------	---

Blackbaud NetCommunity web server

operating system	Windows 2003 Server installed with IIS 6.0 configured as an application server or Windows Server 2008 with IIS 7.0. Microsoft .NET Framework v3.5. 64-bit supported on x64 hardware. Note: Domain controllers, NT 4.0 Server, and peer-to-peer networks are not supported. Microsoft .NET Framework v3.5 is installed on 32-bit machines if it does not exist, but must be installed prior to any Blackbaud NetCommunity installation on 64-bit machines.
processor (CPU)	Pentium D-class, 3 GHz minimum or AMD equivalent recommended. Note: Larger networks and databases require faster processors.
memory (RAM)	2.0 GB minimum and 4 GB or more recommended.

Blackbaud NetCommunity web server

disk space	100 MB minimum for Blackbaud NetCommunity program, system, and database management console files; plus 50 MB for the workstation deployment files, which can be installed in a different location. Additional space is required for the database.
internet connection	Dedicated circuit (such as full T1 to a tier 1 ISP) scaled to aggregate the concurrent applications users (100-200 kbps per typical web user). Necessary speed of the connection will depend upon the Blackbaud NetCommunity activity based on your website's usage by visiting users and should be reviewed with your consultant during implementation. HTTPS traffic requires port 443, and HTTP traffic requires port 80. Non default ports are not supported.
security	Blackbaud recommends securing your web server with Secure Socket Layer (SSL) or equivalent technology to prevent unauthorized access to transmitted data. Note: Blackbaud is not responsible for the installation, configuration, and testing of any web security measures. Blackbaud assumes no responsibility for the security of your web server and 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 2003 Server or Windows Server 2008 and IIS.

Raiser's Edge web service server

operating system	Windows 2003 Server installed with IIS 6.0 configured as an application server or Windows Server 2008 with IIS 7.0. The Raiser's Edge 7.91 or higher, and RE7 web service (all required). Microsoft .NET Framework v3.5. Note: Domain controllers, Windows 2000 Server, NT 4.0 Server, Windows Server 2003 Web Edition, Windows Server 2008 Itanium, and peer-to-peer networks are not supported. Microsoft .NET Framework v3.5 is installed on 32-bit machines if it does not exist, but must be installed prior to any Blackbaud NetCommunity installation on 64-bit machines.
processor (CPU)	Pentium D-class, 3 GHz minimum or AMD equivalent recommended.
memory (RAM)	2 GB
disk space	Minimum of 50 MB available space for the RE7 Web Service installation.
internet connection	Dedicated circuit (such as full T1 to a tier 1 ISP) scaled to aggregate the concurrent applications users (100-200 kbps per typical web user). Necessary speed of the connection will depend upon the Blackbaud NetCommunity activity based on your website's usage by visiting users and should be reviewed with your consultant during implementation. HTTPS traffic requires port 443.
security	Blackbaud recommends securing your Web server with Secure Socket Layer (SSL) or equivalent technology to prevent unauthorized access to transmitted data. Note: Blackbaud is not responsible for the installation, configuration, and testing of any Web security measures. Blackbaud assumes no responsibility for the security of your Web server and 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 2003 Server or Windows Server 2008 and IIS.

Blackbaud Software Compatibility

Blackbaud software requirements

The Raiser's Edge™	Blackbaud NetCommunity is compatible with The Raiser's Edge 7.91 or higher, SQL Server and Oracle versions. Blackbaud NetCommunity is not compatible with the MSDE or SQL Server 2005 Express versions of The Raiser's Edge . Note: Please refer to the latest The Raiser's Edge system requirements for supported client systems.
--------------------	---

Blackbaud Enterprise CRM™	Blackbaud NetCommunity 6.10 patch 2 is compatible with Blackbaud Enterprise CRM 2.1 or higher. Note: Please refer to the latest Blackbaud Enterprise CRM system requirements for supported client systems.
Blackbaud Direct Marketing™	Blackbaud NetCommunity 6.10 patch 2 is compatible with Blackbaud Direct Marketing 1.9 or higher.
Blackbaud NetAdvocacy	Blackbaud NetCommunity requires a CapWiz subscription for enabling Blackbaud NetAdvocacy functionality. Blackbaud NetCommunity 6.10 is compatible with CapWiz XC . For questions on purchasing a subscription, or enabling this integration, please contact your Blackbaud account manager.

The Raiser's Edge module requirements (optional module details at www.blackbaud.com)

Recurring Gifts Management (Includes EFT)	Blackbaud NetCommunity requires <i>Electronic Funds Transfer</i> for the Donation Part, if batching and processing of recurring credit card and direct debit transactions are desired in The Raiser's Edge .
Tribute	Blackbaud NetCommunity requires <i>Honor/Memorial Tracking</i> to accept Tribute gifts on the Donation Part.
Member	Blackbaud NetCommunity requires <i>Membership Management</i> to use the Membership Form part.
Alumni/ae	Blackbaud NetCommunity requires <i>Alumni Tracking</i> to use the Class Notes part. This permits viewing, editing and creating class notes in Blackbaud NetCommunity . This module also allows for displaying primary alumni fields in Blackbaud NetCommunity .
Event	Blackbaud NetCommunity requires <i>Event Management</i> to use the Event Registration Form. Additionally, it is required if using events in the Fundraiser part.
Matchfinder Online	Blackbaud NetCommunity requires <i>Matchfinder Online</i> to allow a donor to see if their employer matches gifts. It also allows for looking up a donor's company to retrieve matching gift details, while processing donations in the Blackbaud NetCommunity plug-in. This module is not required to support matching gift pledges in Blackbaud NetCommunity .
Volunteer Management	Blackbaud NetCommunity requires <i>Volunteer Management</i> to use the Volunteer Opportunity Part.

Other Compatibility Information

3rd party software requirements

credit card processing	Credit card processing in Blackbaud NetCommunity works with IATS, a division of Ticketmaster, Beanstream, Authorize.net, Moneris (US & Canada), Sage/Verus, and Verisign/Paypal (Gateway) to authorize and transfer credit card transactions. Note: Direct Debit processing is not managed by these vendors. For Verisign/Paypal a Paypal PayFlow Pro account is required and website Payments Pro is not supported.
client browser	Blackbaud NetCommunity is compatible with W3C, www.w3.org , compliant browsers. Blackbaud NetCommunity supports a Document Type Declaration of XHTML 1.0 Transitional. Depending on your particular Web design your "look and feel" may vary across different client browsers. Consider modifying layouts, templates, page designs, and styles to accommodate these differences. Cookies must be enabled for all Blackbaud NetCommunity form validations. Any client use of the HTML editor is not supported when using the Opera browser. Note: Full page functionality testing conducted on IE 7.0, IE 8.0, Firefox "Mozilla family", and Safari.

Database Backup

Blackbaud strongly recommends the purchase and scheduled use of a tape or archival backup solution. Power blackouts and brownouts, hardware or network failures, and other unexpected circumstances can lead to an unrecoverable data loss. Blackbaud is not a vendor of backup software or hardware and cannot determine which backup system is right for your organization. Consult with reputable dealers and qualified information systems professionals to implement a reliable backup system.

You should make backups daily and test them periodically to ensure reliability. The SQL Server Enterprise Manager includes a backup utility to conduct or schedule backups while the database engine is running. These backups should then be archived to your chosen tape or archival backup solution. These backups should also be tested to ensure reliability.

Recommendation Disclaimer

System recommendations are based on information available on the last updated date. They are published only as a guide and relate solely to Blackbaud software.

Performance and response time are affected by many factors related to hardware (such as RAM, processor speed, and hard disk subsystem performance), network configuration (such as NIC performance, cable type, topology, operating system, parameters, and traffic), and the database (such as size, number of concurrent users, and the type of activities each user is performing). In addition, network and workstation operating systems, third-party software products, and our own products are continuously updated with new features and options, which often place greater demands on hardware.

Blackbaud recommends the purchase of top-of-the-line equipment when possible and that organizations budget for continual upgrades to their system.

Blackbaud staff may provide limited informal guidance based on information made available. However, neither these system recommendations nor our staff's guidance constitute a guarantee of compatibility, outcome, or performance. We encourage organizations to consult their own systems staff or outside technical experts to ensure appropriate results. Comprehensive technical consulting services are available through Blackbaud. Under a separate consulting arrangement, our consultants evaluate the installation of all Blackbaud applications and recommend optimal hardware and system configuration options. Email solutions@blackbaud.com for more information.