Minimum System Requirements

This document lists the required system infrastructure 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 minimum system requirements are subject to change, so make sure you have the latest information before making any purchases.

In addition to the following minimum requirements, Blackbaud strongly recommends the purchase and scheduled use of a tape or archival backup solution. The Blackbaud Management Console includes a backup utility to make or schedule backups while the database engine is running. Blackbaud recommends regular testing to ensure reliability.

standalone/workstation minimum requirements	
operating system	Windows XP Professional
processor (CPU)	Pentium III or Pentium III-class 733 MHz minimum; Pentium IV or Pentium IV-class recommended.
memory (RAM)	128 MB minimum; 512 MB recommended.
disk space	500 MB minimum for program, system, and database management console files; plus 1.2 GB for Microsoft MapPoint™ files. Additional space is required for the database.
monitor	SVGA
display	800 x 600 resolution; 256 colors.

database server minimum requirements	
operating system	Windows 2008 Server, Windows 2003 Server, Windows 2000 Server and Windows 2000 Advanced Server supported
SQL server	SQL Server 2005 Express Edition and SQL Server 2005 SP2 are supported. **Important Note: SQL Server 2008, Domain controllers, Small Business Servers, NT 4.0 Server, Novell, peer-to-peer networks and thin-client configurations are not supported.**
processor (CPU)	◆ Pentium III or Pentium III-class 733 MHz as a minimum for small networks (under 10 users) and/or small databases (under 250,000 records). ◆ Pentium IV or Pentium IV-class 2.00 GHz as a minimum for large networks (over 10 users) and/or large databases (over 250,000 records). ◆ Only Intel-Pentium processor or x86 Pentium-class processor are supported. ◆ SQL Server provides enhanced support for multi-processor servers running Windows servers. It is designed to improve performance of multi-user databases under heavy usage and to increase the workload that the database can handle. It can also handle larger databases and/or a large numbers of users (20 and above). ◆ A dedicated database server, especially with high user loads and activity, should be considered. ◆ If you run more than one client/server application on the same server, that server needs to exceed the minimum recommendations for optimal performance.
memory (RAM)	512 MB minimum. More memory may be required for databases larger than 1 GB. The maximum for the SQL Server MSDE and Standard versions is 2 GB. The maximum for SQL Server Enterprise version is 64 GB. **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	500 MB minimum for program, system, and database management console files; plus 1.0 GB for Microsoft MapPoint™ files. Additional space is required for the database.
hard disk	A high-performance disk subsystem, such as SCSI-2 and RAID technology, is recommended.

Other Compatibility Information

The Raiser's Edge integration	*The Researcher's Edge* v2.2.1.8 is compatible with *The Raiser's Edge 7.81 – 7.91* SQL Server versions. Oracle is not supported. Clients wishing to use integration capabilities to transfer summarized asset, wealth and giving capacity data into *The Raiser's Edge* must have the RE:Search module.
MapPoint™ integration	*The Researcher's Edge* v2.1 and higher is compatible with Microsoft MapPoint™ 2006.
printers	Blackbaud does not make specific printer recommendations. Reports and forms in Blackbaud products have been specifically designed for and tested with HP LaserJet laser printers. Updated printer drivers, available directly from the printer or operating system manufacturer, may be necessary for compatibility with Blackbaud products.

Server-based computing ("thin-client" technology)	Blackbaud offers hosting services for ***The Researcher's Edge*** application and database. Access to the application is provided via your Web browser (Internet Explorer or Firefox) over a secure Citrix client connection. For more information regarding these services, please contact your account manager.
	Wide Area Network (WAN) and Virtual Private Network (VPN) connections are not supported. For more information, refer to Knowledgebase solution BB50293.