

Advanced Budget Management 5.20.11

Minimum System Requirements / Last updated 8/10/11

Minimum System Requirements

This document lists the minimum system infrastructure required to run Advanced Budget Management. Blackbaud recommends the purchase of latest technology equipment when possible.

Advanced Budget Management

standalone/workstation minimum requirements

operating system	Windows 7 Professional 32-bit and 64-bit, Windows XP Professional 32-bit and 64-bit, Windows Vista 32-bit and 64-bit (Business, Ultimate, Enterprise). SP2 or higher is required for Windows XP Professional.
processor (CPU)	1.2GHz Intel Pentium IV equivalent or faster
memory (RAM)	1 GB minimum (additional RAM may be required if using Windows Vista)
disk space	150 MB for program and system files.
display	SVGA (800 x 600 resolution; 256 colors) minimum, 16-bit color or better recommended.

database server minimum requirements

operating system	Windows 2008 R2 Server, Windows 2008 Server 32-bit and 64-bit, Windows 2003 Server 32-bit and 64-bit, Windows 2000 Server and Windows 2000 Advanced Server are supported. SP2 is required for Windows 2003 Server 32-bit and 64-bit. SP4 is required for use with Windows 2000 Server and Windows 2000 Advanced Server.
SQL server	SQL Server 2008 R2, SQL Server 2008 32-bit and 64-bit. SP4 is required for SQL Server 2000 and SP2 or higher is required for SQL Server 2005 for both the 32-bit and 64-bit versions.
processor (CPU)	<ul style="list-style-type: none">◆ 2GHz Pentium IV or Xeon equivalent or better (dual or quad core preferred).◆ Larger networks and databases require faster processors.◆ A dedicated database server, especially with high user loads and activity, is recommended.◆ If you run more than one client/server application on the same server, that server needs to exceed the minimum requirements for optimal performance.

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memory (RAM)	<p>2 GB minimum. More memory may be required for databases larger than 1 GB. The maximum memory supported by SQL Server 2000 MSDE and SQL Server 2000 Standard Edition is 2 GB. The maximum memory supported by SQL Server 2005 Express is 1 GB. The maximum memory supported by SQL Server 2005 Workgroup Edition is 3 GB. The maximum memory for SQL Server 2005 Standard and SQL Server 2000/2005 Enterprise Edition is the maximum that your operating system will support.</p> <p>Note: SQL Server can dynamically allocate the optimal amount of memory (or cache) to the database to increase performance. Consider purchasing more than the required RAM to allow for a larger cache.</p>
disk space	<p>Typical database size starts at 150 MB. A large ABM database would be in the range of 5 – 10 GB.</p> <p>Note: Requirements vary, depending on the size of the database.</p>
hard disk	<p>A high-performance disk subsystem is recommended.</p>

Other Compatibility Information

third-party software	<p><i>The following third-party software is included with Advanced Budget Management installation:</i></p> <ul style="list-style-type: none">• Jet 4.0• Microsoft .Net Framework Version 2.0.50727• Microsoft Data Access Components 2.6 <p>Note: Microsoft Excel to export reports.</p> <p><i>Microsoft offers three licensing models for customers to license SQL Server 2005. Each model is designed to meet specific customer needs. For Web applications, Microsoft recommends a separate Processor license for each processor used by the SQL Server instance. It includes access for an unlimited number of users or devices to connect to the SQL Server instance from either inside or outside the firewall. You do not need to purchase additional Server Licenses or client access licenses (CALs) when licensed under the per processor model.</i></p>
email	<p>MAPI-compliant (a Microsoft email standard) email system is required for sending job completion reports.</p>
server-based computing ("thin-client" technology)	<p>Advanced Budget Management is compatible with Windows 2000 Terminal Services, Windows 2003 Terminal Services, Windows 2008 Terminal Services, Citrix MetaFrame 1.8 and higher, Citrix MetaFrame XP and Citrix Presentation Server 3 or 4. These thin-client technologies provide complete access to Advanced Budget Management applications over low-bandwidth connections (dial-up, 56K, ISDN) from low-end legacy PCs or from computers running non-supported operating systems such as Macintosh. In these environments, all application</p>

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processing occurs on a single, centralized server.
For information on Microsoft Terminal Services Edition, visit <http://www.microsoft.com>. For information on MetaFrame, visit <http://www.citrix.com>. To determine your hardware requirements, Citrix suggests a pilot setup of MetaFrame XP and the use of performance tools to measure the impact that users, applications, and location have on setup. Consult with qualified information systems professionals when implementing this technology.