

AquaBrowser: Server Requirements (July 2008)

Minimum system requirements for an AquaBrowser Library server are:

- 1 Ghz+ Intel-based 32-bit or 64-bit CPU (recommend: dual CPU)
- Windows 2003 server (Standard, Web, or Enterprise; 32- or 64-bit)
- Internet Information Services (IIS) v6
- 100MB Network Interface Card (recommended: 1GB)
- Inbound access on port 80
- Outbound access on port 80
- 20GB free HD space (recommended: 50GB)
- 2GB RAM (recommended: 3GB or more)

Typical system requirements for a large library (around 1-4 Million title records) are:

- 3Ghz+ quad-core 64-bit CPU
- Windows 2003 server (Standard, Web, or Enterprise; 64-bit)
- Internet Information Services (IIS) v6
- 100MB Network Interface Card (recommended: 1GB)
- Inbound and outbound access on port 80
- 200 GB free HD space
- 4GB RAM (recommended: 8GB)

Typical system requirements for a very large academic library (around 4-7 Million title records) are:

- 3Ghz+ quad-core 64-bit CPU
- Windows 2003 server (Standard, Web, or Enterprise; 64-bit)
- Internet Information Services (IIS) v6
- 100MB Network Interface Card (recommended: 1GB)
- Inbound and outbound access on port 80
- 350 GB free HD space
- 12GB RAM (recommended: 16GB)

Operating system notes

Depending on the amount of RAM and the CPU in the server, you'll need a specific version of Windows to support those.

- For systems with 32 bit CPUs, the Standard or Enterprise edition is needed to utilize more than 2Gb or RAM, and the Enterprise edition is needed to utilize more than 4GB of RAM
- For systems with 64 bit CPUs, you need the Enterprise edition to utilize more than 16Gb of RAM.

Skins

For implementations that have multiple skins, the following is changed in the minimum requirements:

- CPU: Dual core 2Ghz Intel-based CPU (recommended: 3Ghz, quad core)
- 4 GB RAM (recommended: 6GB)
- For every skin: an additional 20GB (minimum) HD space (recommended: 50GB)

Remote Desktop Access

For custom implementations, customers are kindly requested to open up port 3389 (Windows Remote Desktop) through the firewall to a certain IP range for maintenance purposes.



AquaBrowser: Client Requirements (July 2008)

The following platforms are supported for end users:

On Windows 98/NT/2000/2003/XP, Requirements are:

- Mozilla Firefox versions 1.0 through 2.0, or
- Microsoft Internet Explorer versions 6.0 through 7.0
- Macromedia Flash player 7, 8 or 9

On Apple Mac OS X, Requirements are

- OS versions 10.3 (Panther) and up
- Macromedia Flash player 8
- Safari version 1.2, or
- Firefox versions 1.0 through 1.5, or
- Camino versions 1.0.

On Linux and BSD versions, Requirements are

- Mozilla Firefox versions 1.0 through 2.0
- Macromedia Flash player 7, 8 or 9 (note about Linux Flash 7)

Note:

Linux Flash 7

From our R&D: Linux Flash 7 has a known weakness in that it doesn't install certain packages that it tells you it needs. To rectify this, you need to install packages gsfonts and gsfonts-x11 -

This can be done using these commands from a terminal window on the client system:

```
sudo apt-get install gsfonts  
sudo apt-get install gsfonts-x11
```