



12.1 System Requirements

OpenClinica has a flexible architecture that can run on numerous infrastructure combinations. General system recommendations are as follows:

Single server environment hardware recommendation (OpenClinica and PostgreSQL Databases reside on the same server):

Minimum:

Linux (RedHat 6/7.x or CentOS 6/7.x)

CPU: Quad core 2GHz+ CPU

RAM: 4GB

Disk space: 100GB

Recommended:

Linux (RedHat 6/7.x or CentOS 6/7.x)

CPU: Quad core 2GHz+ CPU

RAM: 16GB

Disk space: 500GB

Multiple-server environment hardware recommendation (OpenClinica and PostgreSQL Databases reside on separate servers)

Minimum:

Linux (RedHat 6/7.x or CentOS 6/7.x)

CPU: Quad core 2GHz+ CPU

RAM: 2GB (OpenClinica), 2GB (PostgreSQL/Database)

Disk space: 100GB

Recommended:

Linux (RedHat 6/7.x or CentOS 6/7.x)

CPU: Quad core 2GHz+ CPU

RAM: 8GB (OpenClinica), 4GB (PostgreSQL/Database)

Disk space: 500GB

Recent production versions of OpenClinica have been verified to run on the following components:

Version	Server OS	Database	Application Server	Language	Memory	Disk	Client Browser
	RHEL/CentOS 6/7.x or above 64-bit (recommended)						
3.10 - 3.14	Windows 2012, R2 or above 64-bit Windows 2008, 64-bit	Postgres 9.5.x (recommended) Postgres 8.4	Apache Tomcat 7.0.x	JDK 7	2GB	20GB	IE 11+ Firefox 30.0+

3.6 - 3.9	RHEL/CentOS 6.5 or above 64-bit (recommended) Ubuntu 12.04 LTS 64-bit Windows 2012, R2 or above 64-bit Windows 2008, 64-bit	Postgres 8.4	Apache Tomcat 7.0.x	JDK 7	2 GB	20GB	IE 11+ Firefox 30.0+
3.4, 3.5	RHEL/CentOS 6.5 or above 64-bit (recommended) Ubuntu 12.04 LTS 64-bit Windows 2012, R2 or above 64-bit Windows 2008, 64-bit Windows 2003 R2 or above 32-bit (not recommended)	Postgres 8.4	Apache Tomcat 7.0.x	JDK 7	2 GB	2 GB	IE 11+ Firefox 30.0
3.3	RHEL/CentOS 6.5 or above 64-bit (recommended) Windows 2003 R2 or above 32-bit Ubuntu 12.04 LTS 64-bit Windows 2003 R2	Postgres 8.4	Apache Tomcat 7.0.x	JDK 7	2 GB	2 GB	IE 11+ Firefox 25.01
3.2	CentOS 6.5 (~Red Hat Enterprise Linux 6.4) Ubuntu 12.04 LTS Windows 2003	Postgres 8.4	Apache Jakarta Tomcat 6.0.32 or 7.0.42 (recommended)	JDK 6 or JDK 7 (recommended)	256 MB minimum 2 GB recommended	500 MB minimum 2 GB recommended	IE 11 Firefox 25
3.1	Red Hat Enterprise Linux 4.0 CentOS Ubuntu	Postgres 8.4 (recommended) Oracle 10g	Apache Jakarta Tomcat 6.0.32	JDK 6	256 MB minimum 2 GB recommended	500 MB minimum 2 GB recommended	IE 7 or 8 Firefox 3.0+

Approved for publication by Warren Vandeventer. Signed on 2019-03-27 10:11AM

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