



Conflux

Conflux Professional
Technical Documentation
Supported Platforms for v1.4

Minimum Hardware Requirements

Conflux Professional requires an Intel x86 compatible computer architecture to run on. The amount of required hardware resources depends on the number of concurrent users actively using the software installation.

Number of users	Processor	RAM	Disk setup	Network connectivity
1-10	PIII 1GHz	256 MB	IDE No RAID/RAID1	10/100Mbit
11-25	PIII 1GHz+	512MB	IDE No RAID/RAID1	100Mbit
26-50	P4 2GHz	512MB	IDE RAID1/10	100Mbit
59-100	Xeon 1.8GHz Opteron 242	512-1024MB	SCSI No RAID or RAID0	100Mbit
101-150	(Dual) Xeon/Opteron	1024MB	SCSI RAID1/5/10	100/1000Mbit
200+	Dual Xeon/Opteron	2048MB	SCSI RAID5/10	100/1000Mbit

Tested and supported processor platforms are:

- Intel Pentium III
- Intel Pentium 4
- Intel Pentium Xeon
- AMD Athlon
- AMD Opteron

Software Requirements

Operating System

Conflux Professional is designed to run on x86-compatible Linux and Windows platforms. In general, all Unix-like operating systems that support Apache2, Python and PostgreSQL will most likely be suitable for running Conflux, but official support is only offered according to the table below.

Operating System	Intel PIII/P4/Xeon	AMD Athlon	AMD Opteron (64 bit mode)	IBM G5
SUSE 9.0				N/A
SUSE 9.1				N/A
SUSE 9.2				N&A
Red Hat 9	!	!	N/A	N/A
Fedora Core 1	!	!	!	N/A
Fedora Core 2*				N/A
Fedora Core 3*				N/A
Fedora Core 4*				N/A
RHEL 3	!	!	!	N/A
Debian sarge/sid	!!	!!	!!	N/A
Gentoo	!!	!!	!!	N/A
FreeBSD	!!	!!	!!	N/A
OS X	N/A	N/A	N/A	!!
Solaris	!!	!!	N/A	N/A

 - supported platform

! - supported, but requires upgrades from standard OS component versions

!! - not officially supported, but reported to be working

N/A - not supported

* - Fedora Core distributions are currently only supported with **SELinux turned off**.

Software components

The following non-included software components are required for running Conflux Professional:

- Apache2 webserver
Version: 2.0.x
Source: distribution package or <http://httpd.apache.org/>
Notes: Conflux requires the Apache2 server to run in prefork mode. Any other run modes (threaded included) are not supported.
- Python programming language
Version: 2.3.x (Windows), 2.3.x/2.4.x (Linux)
Source: distribution package or <http://www.python.org/>
- Python Imaging Library
Version: 1.1.4 or 1.1.5
Source: distribution package or <http://www.pythonware.com/products/pil/>
- mod_python, the Apache2/Python integration module
Version: 3.0.x or 3.1.x
Source: distribution package or <http://www.modpython.org/>
Notes: Versions 2.x.x of mod_python are currently not supported, as they only run on Apache 1.3.
- PostgreSQL database engine
Version: 7.3.x, 7.4.x, 8.0.x
Source: distribution package or <http://www.postgresql.org/>
Notes: The plpgsql procedural language is required. This feature is typically in a separate package in Linux distributions, named postgresql-pl.
- mxDateTime extensions for Python
Version: 2.0.4 or later
Source: distribution package or <http://www.egenix.com/files/python/mxDateTime.html>
- Psycopg Python database adapter for PostgreSQL
Version: 1.1.x
Source: distribution package or <http://www.initd.org/software/initd/psycopg/>
- For full-text indexing of Microsoft Word documents: wvWare wv toolset
Version: 1.0.0
Source: distribution package or <http://sourceforge.net/projects/wvware/>
- For full-text indexing of Adobe PDF documents: xpdf
Version: 2
Source: distribution package or <http://www.foolabs.com/xpdf/>