

Supported platforms

Some information on this page refers to LM-X License Manager v4.8.11 or newer, which dropped support for CentOS 5. If you are using an earlier version, please refer to the [documentation for releases prior to v4.8.11](#).

The following table lists the platforms currently supported by LM-X License Manager, as well as platform-specific information and limitations.

For Licensed Platform	Download Filename	Requirements/Limitations
FreeBSD (64 bit)	lmx-sdk-version#_freebsd_x64.sh	
Linux x86 (32 bit)	lmx-sdk-version#_linux_x86.sh	<ul style="list-style-type: none"> You cannot build the 32-bit LM-X SDK on Red Hat Enterprise Linux 6 x64; however, you can run LM-X tools, including the license server, on Red Hat Enterprise Linux 6 x64.
Linux x64 (64 bit)	lmx-sdk-version#_linux_x64.sh	<ul style="list-style-type: none"> The x86 and x64 builds are compiled on CentOS 6, which uses glibc v2.12 to improve compatibility with RHEL 6. For SELinux, an LM-X-enabled application must have <code>textrel_shlib_t</code> to run. The LM-X client tries to add this library during runtime, but if the current user does not have permissions to modify the SELinux configuration, an administrator must issue the following command to add <code>textrel_shlib_t</code>: <pre>semanage fcontext -a -t textrel_shlib_t '/tmp/xf-dll/xf-.*\..tmp'</pre>
Mac OS X (Universal) for 10.14+	lmx-sdk-version#_darwin_universal.sh	
Windows (32 bit) x86 compiler	lmx-sdk-version#_win32_x86.msi	<p>All files have been digitally signed, except:</p> <ul style="list-style-type: none"> .NET, Java and dll redistributables example code
Windows (64 bit) x64 compiler	lmx-sdk-version#_win64_x64.msi	<p>These files can be signed with your own digital certificate.</p> <p>The supported Windows versions are 8.1 and 10.</p>
MinGW32 (with GCC 8.1.0)	lmx-sdk-version#_mingw32_x86.msi	<p>MinGW requirements and limitations</p> <p>When using MinGW as a compiler, note that the following are currently <i>not</i> supported:</p> <ul style="list-style-type: none"> HARDDISK, BIOS, and DONGLE_HASPHL HostIDs (see LMX_Hostid) Virtual machine detection (SHARE = VIRTUAL; see FEATURE settings) The flags <code>LMX_LOGICAL_CPU_COUNT</code> and <code>LMX_PHYSICAL_CPU_COUNT</code>, used with LMX_Checkout. <p>GCC version 8.1.0 must be used when building LM-X with MinGW. The exemplary output for <code>GCC -v</code> is as follows (using MinGW32 for our example):</p> <pre>COLLECT_GCC=gcc COLLECT_LTO_WRAPPER=C:/mingw32/mingw32/bin/./libexec/gcc/i686-w64-mingw32/8.1.0/lto-wrapper.exe Target: i686-w64-mingw32 Configured with: ../../src/gcc-8.1.0/configure --host=i686-w64-mingw32 --build=i686-w64-mingw32 --target=i686-w64-mingw32 --prefix=/mingw32 --with-sysroot=/c/mingw530/i686-530-posix-dwarf-rt_v4-rev0/mingw32 --with-gxx-include-dir=/mingw32/i686-w64-mingw32/include/c++ --enable-shared --enable-static --disable-multilib --enable-languages=c,c++,fortran,lto --enable-libstdcxx-time=yes --enable-threads=posix --enable-libgomp --enable-libatomic --enable-lto --enable-graphite --enable-checking=release --enable-fully-dynamic-string --enable-version-specific-runtime-libs --disable-sjlj-exceptions --with-dwarf2 --disable-lsl-version-check --disable-libstdcxx-pch --disable-libstdcxx-debug --enable-bootstrap --disable-rpath --disable-win32-registry --disable-nls --disable-werror --disable-symvers --with-gnu-as --with-gnu-ld --with-arch=i686 --with-tune=generic --with-libiconv --with-system-zlib --with-gmp=/c/mingw530/prerequisites/i686-w64-mingw32-static --with-mpfr=/c/mingw530/prerequisites/i686-w64-mingw32-static --with-mpc=/c/mingw530/prerequisites/i686-w64-mingw32-static --with-lsl=/c/mingw530</pre>

MinGW64 (with GCC 8.1.0)	lmx-sdk-version #_mingw64_x64.msi	<pre> /prerequisites/i686-w64-mingw32-static --with-pkgversion='i686-posix-dwarf-rev0, Built by MinGW-W64 project' --with- bugurl=http://sourceforge.net/projects/mingw-w64 CFLAGS='-O2 -pipe -I/c/mingw530/i686-530-posix-dwarf-rt_v4-rev0/mingw32/opt/include -I/c/mingw530 /prerequisites/i686-zlib-static/include -I/c/mingw530/prerequisites/i686-w64-mingw32-static/include' CXXFLAGS='-O2 -pipe -I/c /mingw530/i686-530-posix-dwarf-rt_v4-rev0/mingw32/opt/include -I/c/mingw530/prerequisites/i686-zlib-static/include -I/c/mingw530/prerequisites /i686-w64-mingw32-static/include' CPPFLAGS= LDFLAGS='-pipe -L/c/mingw530/i686-530-posix-dwarf-rt_v4-rev0/mingw32/opt/lib -L/c/mingw530 /prerequisites/i686-zlib-static/lib -L/c/mingw530/prerequisites/i686-w64-mingw32-static/lib -Wl,--large-address-aware' Thread model: posix gcc version 8.1.0 (i686-posix-dwarf-rev0, Built by MinGW-W64 project) </pre>
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Note: The platforms supported by LM-X are identified by executables compiled with LM-X rather than by the actual OS. For example, Win32 and Win64 are considered different platforms.

The following table specifies the platforms no longer supported by LM-X License Manager.

Platform	Last Supported Version
CentOS 5	LM-X v4.8.10
Linux (32 bit) ARM	LM-X v4.8.2
Solaris (64 bit) x64	LM-X v4.8.1
Solaris (64 bit) Sparc64	LM-X v4.8.1
AIX PPC64	LM-X v4.7.6
HP-UX (64 bit) IA64	LM-X v4.7.6
Windows 2003	LM-X v4.6.5
Windows XP	LM-X v4.6.5
AIX PPC32	LM-X v4.6
HPUX IA64 ILP32	LM-X v4.6
Solaris (32 bit) x86	LM-X v4.6
Solaris (32 bit) Sparc	LM-X v4.6
Linux IA64	LM-X v4.5.1
FreeBSD (32 bit)	LM-X v4.5.1
Mac OS X (Universal) for 10.6	LM-X v4.5.1
Mac OS X (Universal) for 10.7	LM-X v4.5.1