

Installing Sentaurus Lithography PWA

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Installing Sentaurus Lithography PWA

This document contains specific information to prepare for and verify the installation of Sentaurus Lithography PWA, as well as links to installation instructions.

Note:

The installation instructions in this document are the most up-to-date instructions available at the time of production. However, changes might have occurred. For the latest installation information, see the product release notes or documentation.

This document contains the following sections:

- [Media Availability and Supported Platforms](#)
- [Disk Space Requirements](#)
- [Installing the Software](#)
- [Setting Up the User Environment](#)
- [Verifying the Sentaurus Lithography PWA Installation](#)
- [Accessing Sentaurus Lithography PWA Documentation](#)

To install Synopsys tools, it is recommended that you log on as root or have system administrator privileges. You need write permission for the installation directory.

Media Availability and Supported Platforms

The Sentaurus Lithography PWA tool is available on CD or by EST. Obtain the appropriate binary executable files based on the operating system you need.

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Disk Space Requirements

Table 1 shows the supported platforms for the B-2008.06 release.

Table 1 Supported platforms and keywords

Platform	Operating system	Synopsys platform keyword	Path keyword
AMD Opteron	Red Hat Enterprise Linux v4	amd64 (64-bit mode)	AMD64_L24

Note:

Versions or releases other than those listed may work correctly with the software, but they are not supported explicitly.

Note:

While Windows versions of Sentaurus Lithography PWA are supported, for the common installer, no Windows version is available.

Note:

The Sentaurus Lithography PWA software is configured so that multiple platforms of this version can be installed in a single installation directory (`install_dir`).

If you have any questions, contact your Synopsys sales representative.

For more information on platform support, go to Synopsys Compute Platforms Roadmap at: http://www.synopsys.com/products/platforms_roadmap.html

Disk Space Requirements

To install Sentaurus Lithography PWA, you need approximately 130 MB of free disk space.

For real work, you may require more space, depending on the size of your data files.

For requirements regarding virtual memory (swap space), refer to the product-specific documentation.

Installing the Software

Sentaurus Lithography PWA uses the Synopsys Installer tool, which allows you to use a graphical user interface (GUI) or a text script. For information about downloading Synopsys Installer and Sentaurus Lithography PWA, see *Installing Synopsys Tools*, available at http://www.synopsys.com/support/installation/install_guide.html.

To install Sentaurus Lithography PWA by EST or from the CD, follow the procedures described in *Installing Synopsys Tools*.

Installing Synopsys Tools shows an example Synopsys media installation script for the synthesis tools. Sentaurus Lithography PWA is installed in a similar manner.

Sentaurus Lithography PWA cannot be installed over an existing Synopsys product, including a prior version of Sentaurus Lithography PWA. You must create a new directory for Sentaurus Lithography PWA.

For Sentaurus Lithography PWA, additional installation instructions can be found in `pwa_INSTALL_README.txt`.

Note:

If you are installing both Sentaurus Lithography PWA and Sentaurus Lithography, they should be installed after one another and *not* at the same time. If you install both packages, select two different target directories.

Synopsys License Daemon Required

Sentaurus Lithography PWA uses the Synopsys common license daemon `snpslmd`. Version 10.9.3 of the Synopsys daemon is required.

Download `snpslmd v10.9.3` from the Synopsys Website and follow the instructions there: http://www.synopsys.com/support/keys/#download_scl

Setting Up the User Environment

To set up the user environment, you must:

- Specify the executable file location
- Set the `SNPSLMD_LICENSE_FILE` or `LM_LICENSE_FILE` variable

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Specifying the Executable File Location

Add the Sentaurus Lithography PWA directory containing the executable file to the `PATH` environment variable.

If you are using the C shell, add the following line to the `.cshrc` file:

```
set path=(install_dir/bin $path)
```

If you are using the Bourne, Korn, or Bash shell, add the following line to the `.profile` or `.kshrc` file:

```
PATH=install_dir/bin:$PATH
export PATH
```

Setting the `SNPSLMD_LICENSE_FILE` or `LM_LICENSE_FILE` Environment Variable

You must install the SCL software and define the `SNPSLMD_LICENSE_FILE`, `LM_LICENSE_FILE`, or another tool-specific variable before you can verify the Sentaurus Lithography PWA installation.

For information about downloading and installing SCL and on setting the license variable, see *Installing Synopsys Tools*, available at http://www.synopsys.com/support/installation/install_guide.html.

Verifying the Sentaurus Lithography PWA Installation

To verify the Sentaurus Lithography PWA installation,

1. Make sure you are in a directory where you have read/write privileges.

```
% cd $HOME
```

2. Invoke the tool by entering:

```
% product
```

If you see information about the product version, production date, and copyright, the installation was successful.

Accessing Sentaurus Lithography PWA Documentation

The documentation for Sentaurus Lithography PWA is available as PDF files or as online help.

Viewing and Printing Sentaurus Lithography PWA Documentation in Portable Document Format

To view and print Sentaurus Lithography PWA documentation in PDF, you must have Adobe Acrobat Reader installed on your machine.

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