

Installing Aurora

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Installing Aurora

This document describes how to install the Aurora products.

Note:

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

This document includes the following sections:

- [Supported Platforms and Media Availability](#)
- [Disk Space Requirements](#)
- [Installing the Software](#)
- [Setting Up the User Environment](#)
- [Troubleshooting](#)

Supported Platforms and Media Availability

Aurora is available on CD or by EST. Obtain the appropriate binary executable files for your operating system.

Table 1 lists the supported platforms, operating systems, and corresponding Synopsys platform keywords for this release.

Table 1 Supported Platforms and Keywords

| Platform | Operating system | Synopsys platform keyword | Window environment |
|------------|---|---------------------------|--------------------|
| AMDOpteron | Red Hat Enterprise Linux v3, 4 ¹ | amd64 (64-bit mode) | GNOME |

Table 1 Supported Platforms and Keywords (Continued)

| Platform | Operating system | Synopsys platform keyword | Window environment |
|-----------------|---|--|---------------------------|
| Sun SPARC | Solaris 9, 10 ¹ | sparcOS5 (32-bit mode) sparc64 (64-bit mode) gccsparcOS5 | CDE |
| IA-32 (x86) | Red Hat Enterprise Linux v3, 4 ¹ | linux (32-bit mode) | GNOME |

1. *Binary-compatible operating system. Note, however, that binary compatibility is not guaranteed.*

Disk Space Requirements

The disk space requirements vary depending on the platform and the features selected for installation. The maximum space required for installing Aurora on one platform is 190 MB.

Installing the Software

Aurora 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 Aurora, see *Installing Synopsys Tools*, available at <http://www.synopsys.com/install>.

To install Aurora 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. Aurora is installed in a similar manner.

Aurora is a stand-alone product and cannot be installed over an existing Synopsys product, including a prior version of Aurora. You must create a new directory for Aurora.

Setting Up the User Environment

To set up a new tool user, you must

- Modify the search path
- Set the `SNPSLMD_LICENSE_FILE` or `LM_LICENSE_FILE` variable

Modifying Your Search Path

If the Aurora program is not found on the search path, it will need to be added. In the following examples, the Aurora directory on your system is named `/usr/aurora`.

- If you are using the C shell, add the following line to your `$HOME/.cshrc` file:

```
set path=(/usr/aurora/bin $path)
```

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

```
PATH=/usr/aurora/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` or `LM_LICENSE_FILE` variable before you can verify the Aurora installation.

For information about downloading and installing SCL and on setting the license variable, see [Installing Synopsis Tools](#).

Troubleshooting

Error Message:

```
Xlib: connection to "machine:0.0" refused by server
Xlib: Client is not authorized to connect to Server
Bad return from XOpenDisplay
```

Explanation:

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Troubleshooting

The program does not have permission to open a window on the display.

- Check to be sure the `DISPLAY` environment variable is set correctly.
- If the `DISPLAY` environment variable is set correctly on the console of the display, enter the following command:

```
% xhost +
```