

NanoTime Installation Notes

Version B-2008.06

June 9, 2008

These installation notes present information about installing NanoTime version B-2008.06 in the following sections:

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See also <http://www.synopsys.com/install> for additional installation and licensing information.

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Media Availability and Supported Platforms

NanoTime is available by electronic software transfer (EST) download upon initial software release. At a later date, it becomes available on DVD (or CD depending on image size). Obtain the appropriate binary executable files based on the operating system you need. [Table 1-1](#) shows the supported platforms for the B-2008.06 release.

Table 1-1 Supported Platforms and Keywords

Platform	Operating system	Synopsys platform keyword
AMDOpteron	Red Hat Enterprise Linux v4, v5	amd64 (64-bit mode) linux (32-bit mode)
EMT64T	SUSE Linux Enterprise 9, 10	suse64 (64-bit mode) suse32 (32-bit mode)
IA-32 (X86)	Red Hat Enterprise Linux v4, v5	linux (32-bit mode)
Sun SPARC	Solaris 9, 10	sparcOS5 (32-bit mode) sparc64 (64-bit mode)

Disk Space Requirements

Make sure you have enough disk space for the installation. The disk space requirement varies depending on the platform and the tool selected for installation. [Table 1-2](#) shows the maximum space required for installing each product on a particular platform.

Table 1-2 Disk Space Requirements (in Megabytes)

Operating system	Megabytes
Platform independent	50
amd64	160
linux	150
sparcOS5 (32-bit mode)	205
sparc64 (64-bit mode)	220
suse32 (32-bit mode)	145

Table 1-2 Disk Space Requirements (in Megabytes) (Continued)

Operating system	Megabytes
suse64 (64-bit mode)	160

Installing the Software

NanoTime uses the Synopsys Installer tool, which allows you to use a text script or a graphical user interface (GUI). For information about downloading the Synopsys Installer and NanoTime, see the document *Synopsys Installation Guide* at <http://www.synopsys.com/install>.

To install NanoTime, follow the procedures described in the *Synopsys Installation Guide*. NanoTime is a stand-alone product and cannot be installed over an existing Synopsys product, including a prior version. You must create a new directory for NanoTime.

Setting Up the User Environment

To set up the user environment, you must specify the location of the executable file and set the license environment variable.

Specifying the Executable File Location

Add the NanoTime (nt) 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=(synopsys_root/platform/nt/bin $path)
```

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

```
PATH=synopsys_root/platform/nt/bin:$PATH
export PATH
```

Note:

Replace *platform* with the appropriate platform (see [Table 1-1](#)).

Setting the SNPSLMD_LICENSE_FILE Environment Variable

You must install the Synopsys Common Licensing (SCL) software and define the `SNPSLMD_LICENSE_FILE` variable before you can verify the NanoTime installation.

For information about downloading SCL, installing SCL, or setting the license variable, see *Installing Synopsys Tools* at <http://www.synopsys.com/install>.

Verifying the NanoTime Installation

To verify the NanoTime installation,

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

```
% cd $HOME
```

2. To start NanoTime, enter

```
% nt_shell
```

If a NanoTime prompt appears, the installation was successful.