

*Sun<sup>™</sup> Ultra<sup>™</sup> 30  
Hardware AnswerBook<sup>™</sup>  
Installation*



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## *Sun Ultra 30 Hardware*

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### *AnswerBook Installation*

This *Sun Ultra 30 Hardware AnswerBook Installation* CD liner contains instructions for installing the *Sun Ultra 30 Hardware AnswerBook* online documentation.

The *Sun Ultra 30 Hardware AnswerBook* online documentation contains hardware documentation about the Sun™ Ultra™ 30 system. After the AnswerBook™ package is installed, you can view the documentation on the screen and print selected pages.

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**Note** - In order for all links to work properly, you must install the Solaris™ operating environment and the *Solaris on Sun Hardware AnswerBook* before you install this AnswerBook.

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### *System Requirements*

You can install the Sun Ultra 30 Hardware AnswerBook on any system running the Solaris operating environment, version 2.0 or later.

## *What's On This AnswerBook?*

The *Sun Ultra 30 Hardware AnswerBook* contains the following:

### *Sun Ultra 30 Reference Manual*

This book contains information about internal jumpers, external connector pinouts, twisted-pair Ethernet link tests, modem setup specifications, and system hardware specifications.

### *Sun Ultra 30 Service Manual*

This book provides detailed system service instructions, including topics such as troubleshooting, subassembly removal and replacement, system board and component replacement, and product specifications.

## *Installing This AnswerBook Using Software Manager*

- 1. Start the OpenWindows™ environment.**
- 2. Open File Manager.**
- 3. If there is already a CD in the drive, remove it by typing `eject` in a Command Tool window.**
- 4. Insert the *Sun Ultra 30 Hardware AnswerBook* CD (with caddy, if necessary) into your CD-ROM drive.**

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**Note** - If you are running Volume Manager, it automatically detects the CD and opens a File Manager window that displays the contents of the CD. If you are not running Volume Manager, use File Manager to go to the `/cdrom` directory to view the contents of the CD.

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- 5. Double-click the `SUNWabq1` folder in the File Manager window.**

This folder displays the contents of the *Sun Ultra 30 Hardware AnswerBook* directory.

- 6. In a Command Tool window, become root by typing the `su` command and your superuser password.**
- 7. Start Software Manager by typing the `swmtool` command at the `#` prompt:**

```
# /usr/sbin/swmtool
```

The Admintool: Software window is displayed.

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**Note** - If your system's authorizations are not set correctly for root clients, you might see an error message similar to: `Xlib: Client is not authorized to connect to server` displayed in the console window. One way to correct this problem is to exit superuser status and type: `xhost +hostname` (where *hostname* is the name of the host you are using), then become root again and restart Software Manager. Alternatively, you can use the `xauth` command to permanently change the authorization information so that root clients can attach to the X server.

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- 8. Choose Add from the Edit Menu.**

The Admintool: Set Source Media window is displayed.

9. **Select either CD with Volume Management (if you are running Volume Manager) or CD without Volume Management as your Software Location.**
10. **Type the path to the source media in the CD Path field, then click OK:**

```
/cdrom/sun_ultra_30_hw_ab
```

The Admintool: Add Software window is displayed.

11. **Select Sun Ultra 30 HW AnswerBook, then click Add.**

The Admintool: Add Software window is displayed.

12. **Type the number of the installation option you want (nil or heavy).**

13. **Type the directory where you want the AnswerBook installed.**

/opt is the default home directory for AnswerBook.

The installation process takes a few minutes.

- 14. Type `y` at the following prompt to continue the installation:**

```
Do you want to continue with the installation
of <SUNWabq1> [y,n]
```

- 15. Press Return when you see the following prompt:**

```
Installation of <SUNWabq1> was successful.
Press Return to continue.
```

- 16. Exit Software Manager (the Admintool: Software window).**

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**Note** - For further information on installing AnswerBook, or for installing AnswerBook on a server, refer to the *Software and AnswerBook Installation Guide* or *SPARC: Installing Solaris Software on the Desktop*, one of which will be supplied with your Solaris Media Kit.

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- 17. Exit superuser status.**
- 18. At the `%` prompt, type `answerbook`.**  
The AnswerBook Navigator window is displayed.
- 19. To view your new AnswerBook, double-click Sun Ultra 30 Hardware AnswerBook in the AnswerBook Navigator window.**