



# Solaris Hardware Compatibility List



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Part No: 816-2419-11  
June 2007

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# Preface

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This *Hardware Compatibility List* book provides a link to the Hardware Compatibility List (HCL) on the Sun public web site. The HCL identifies systems and components that are certified or reported to work with the Solaris™ Operating System on x86 platforms.

This *Hardware Compatibility List* book also provides a link to the Hardware Certification Test Suite (HCTS). Passing HCTS testing enables you to list your hardware as Certified on the HCL.

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**Note** – This Solaris release supports systems that use the SPARC® and x86 families of processor architectures: UltraSPARC®, SPARC64, AMD64, Pentium, and Xeon EM64T. The supported systems appear in the *Solaris OS: Hardware Compatibility Lists* at <http://www.sun.com/bigadmin/hcl>. This document cites any implementation differences between the platform types.

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## Who Should Use This Book

This book is intended for independent hardware vendors (IHVs), hardware manufacturers, system integrators, and end users. This book tells you where to find a list of what hardware works with the Solaris OS. This book also tells you how you can add hardware to that list.

## Documentation, Support, and Training

The Sun web site provides information about the following additional resources:

- [Documentation \(http://www.sun.com/documentation/\)](http://www.sun.com/documentation/)
- [Support \(http://www.sun.com/support/\)](http://www.sun.com/support/)
- [Training \(http://www.sun.com/training/\)](http://www.sun.com/training/)

## Typographic Conventions

The following table describes the typographic conventions that are used in this book.

TABLE P-1 Typographic Conventions

Typeface	Meaning	Example
AaBbCc123	The names of commands, files, and directories, and onscreen computer output	Edit your <code>.login</code> file. Use <code>ls -a</code> to list all files. <code>machine_name% you have mail.</code>
<b>AaBbCc123</b>	What you type, contrasted with onscreen computer output	<code>machine_name% su</code> Password:
<i>aabbcc123</i>	Placeholder: replace with a real name or value	The command to remove a file is <code>rm filename</code> .
<i>AaBbCc123</i>	Book titles, new terms, and terms to be emphasized	Read Chapter 6 in the <i>User's Guide</i> . <i>A cache</i> is a copy that is stored locally. Do <i>not</i> save the file. <b>Note:</b> Some emphasized items appear bold online.

## Shell Prompts in Command Examples

The following table shows the default UNIX® system prompt and superuser prompt for the C shell, Bourne shell, and Korn shell.

TABLE P-2 Shell Prompts

Shell	Prompt
C shell	<code>machine_name%</code>
C shell for superuser	<code>machine_name#</code>
Bourne shell and Korn shell	<code>\$</code>
Bourne shell and Korn shell for superuser	<code>#</code>

# Hardware Compatibility List

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The Hardware Compatibility List shows you what hardware is certified or is reported to work with the Solaris Operating System (Solaris OS) on x86 platforms. The Hardware Certification Test Suite enables you to certify new hardware to add to the list.

## Hardware Compatibility List (HCL)

The Hardware Compatibility List (HCL) identifies hardware that is compatible with the Solaris OS. Separate lists identify systems and components that are compatible with the latest commercial versions of the Solaris OS and with the latest development versions. To view the lists, see <http://www.sun.com/bigadmin/hcl>. At the bottom of this page is a link to the HCL in a Comma Separated Value (CSV) format that enables you to search or sort the list as a spreadsheet or database. Also at the bottom of this page are links to hardware compatibility lists for older versions of the Solaris OS.

Any hardware vendor or user can submit items to the HCL. The HCL is divided into two sections: Certified and Reported to Work. By using HCTS, you can submit hardware as Certified. If you do not use HCTS, you can still submit hardware as Reported to Work.

- |                         |   |
|-------------------------|---|
| <b>Certified</b>        | Certified hardware includes all hardware that has passed testing with the Hardware Certification Test Suite (HCTS).   |
| <b>Reported to Work</b> | Hardware that is listed in this category is reported to operate with the Solaris OS. Sun appreciates the contributions of the user community in providing this data. You do not need to run the HCTS to list hardware in this category. |

Sun Services provides Sun Support for both Certified and Reported to Work hardware.

## Hardware Certification Test Suite (HCTS)

The Hardware Certification Test Suite (HCTS) includes system and component certification tests. HCTS tests certify x86-based servers, laptop and desktop systems, motherboards, and various network, storage, and serial I/O controllers to work with the Solaris OS. HCTS collects log files, determines test pass or fail results, and generates a final test report. Hardware that passes HCTS testing is eligible to be included in the Hardware Compatibility List (HCL) as Certified.

For information on how to use the HCTS, see <http://www.sun.com/bigadmin/hcl/hcts>.