



# Solaris Hardware Compatibility List

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# Preface

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The *Hardware Compatibility List* provides links to the Hardware Compatibility List (HCL) and the Hardware Certification Test Suite (HCTS) 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. The HCTS enables you to certify new hardware for 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 10 Hardware Compatibility List* at <http://www.sun.com/bigadmin/hcl>. This document cites any implementation differences between the platform types.

In this document, the term “x86” refers to 64-bit and 32-bit systems manufactured using processors compatible with the AMD64 or Intel Xeon/Pentium product families. For supported systems, see the *Solaris 10 Hardware Compatibility List*.

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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.

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## Accessing Sun Documentation Online

The docs.sun.com<sup>SM</sup> Web site enables you to access Sun technical documentation online. You can browse the docs.sun.com archive or search for a specific book title or subject. The URL is <http://docs.sun.com>.

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## Typographic Conventions

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

**TABLE P-1** Typographic Conventions

Typeface or Symbol	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%</code> you have mail.
<b>AaBbCc123</b>	What you type, contrasted with onscreen computer output	<code>machine_name%</code> <b>su</b> Password:
<i>AaBbCc123</i>	Command-line placeholder: replace with a real name or value	The command to remove a file is <code>rm filename</code> .

**TABLE P-1** Typographic Conventions (Continued)

Typeface or Symbol	Meaning	Example
<i>AaBbCc123</i>	Book titles, new terms, and terms to be emphasized	Read Chapter 6 in the <i>User's Guide</i> . Perform a <i>patch analysis</i> . Do <i>not</i> save the file. [Note that some emphasized items appear bold online.]

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## Shell Prompts in Command Examples

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

**TABLE P-2** Shell Prompts

Shell	Prompt
C shell prompt	machine_name%
C shell superuser prompt	machine_name#
Bourne shell and Korn shell prompt	\$
Bourne shell and Korn shell superuser prompt	#





# 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.

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## Hardware Compatibility List (HCL)

The Hardware Compatibility List (HCL) identifies hardware that is compatible with the Solaris OS. Separate lists identify systems and controllers that are certified for the Solaris 8 OS, the Solaris 9 OS, and the Solaris 10 OS. The HCL is available in a Comma Separated Value (CSV) format to enable you to search or sort the list as a spreadsheet or database. To view the lists, see <http://www.sun.com/bigadmin/hcl>.

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

- |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sun Certified</b>        | Sun Certified hardware includes Sun systems and third-party system configurations and components. Products that are listed in this category are certified by Sun.                                                                                                                                                                                                                                                                                                   |
| <b>Test Suite Certified</b> | Test Suite Certified hardware includes third-party system configurations or components that have been certified using the Hardware Certification Test Suite (HCTS). Testing is carried out by a partner or vendor. When the audit is completed and passed, certified hardware is eligible for listing on the HCL. Test Suite Certified hardware is certified at Level 1 or at Level 2. Level 2 certification is more rigorous and puts more stress on the hardware. |

**Reported to Work**

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 Sun Certified, Test Suite Certified, and Reported to Work hardware for customers who have a Sun support agreement.

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## Hardware Certification Test Suite (HCTS)

The Hardware Certification Test Suite (HCTS) includes system certification tests, controller certification tests, utilities, and a browser-based user interface. HCTS tests certify 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 either Level 1 or Level 2 Certification is eligible to be included in the Hardware Compatibility List (HCL) as Test Suite Certified.

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