Oracle® Solaris Hardware Compatibility List

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Preface

This *Hardware Compatibility List* book provides a link to the Hardware Compatibility List (HCL) on the Oracle 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.

Note – This Solaris release supports systems that use the SPARC and x86 families of processor architectures. The supported systems appear in the Solaris OS: Hardware Compatibility Lists (`http://www.sun.com/bigadmin/hcl`). This document cites any implementation differences between the platform types.

In this document these x86 related terms mean the following:

- "x86" refers to the larger family of 64-bit and 32-bit x86 compatible products.
- "x64" relates specifically to 64-bit x86 compatible CPUs.
- "32-bit x86" points out specific 32-bit information about x86 based systems.

For supported systems, see the *Solaris OS: Hardware Compatibility Lists*.

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

See the following web sites for additional resources:

- Documentation (`http://docs.sun.com`)
- Support (`http://www.oracle.com/us/support/systems/index.html`)
- Training (`http://education.oracle.com`) – Click the Sun link in the left navigation bar.

Oracle Welcomes Your Comments

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Oracle Technology Network (`http://www.oracle.com/technetwork/index.html`) offers a range of resources related to Oracle software:

- Discuss technical problems and solutions on the Discussion Forums (`http://forums.oracle.com`).
- Get hands-on step-by-step tutorials with Oracle By Example (`http://www.oracle.com/technology/obe/start/index.html`).
- Download Sample Code (`http://www.oracle.com/technology/sample_code/index.html`).

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 `.login` file. Use `ls -a` to list all files. `machine_name% you have mail.`
`AaBbCc123`	What you type, contrasted with onscreen computer output	`machine_name%` **`su`** `Password:`
aabbcc123	Placeholder: replace with a real name or value	The command to remove a file is `rm` *filename.*

TABLE P–1 Typographic Conventions *(Continued)*

Typeface	Meaning	Example
AaBbCc123	Book titles, new terms, and terms to be emphasized	Read Chapter 6 in the *User's Guide*. A *cache* is a copy that is stored locally. Do *not* save the file. **Note:** Some emphasized items appear bold online.

Shell Prompts in Command Examples

The following table shows the default UNIX system prompt and superuser prompt for shells that are included in the Oracle Solaris OS. Note that the default system prompt that is displayed in command examples varies, depending on the Oracle Solaris release.

TABLE P–2 Shell Prompts

Shell	Prompt
Bash shell, Korn shell, and Bourne shell	`$`
Bash shell, Korn shell, and Bourne shell for superuser	`#`
C shell	`machine_name%`
C shell for superuser	`machine_name#`

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Hardware Compatibility List

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.

Certified Oracle Certified hardware includes all hardware that has passed testing with the Hardware Certification Test Suite (HCTS).

Reported to Work Hardware that is listed in this category is reported to operate with the Solaris OS. Oracle 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.

Oracle Services provides Oracle 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`.