



# Sun Fire™ V210 and V240 Servers Product Notes

---

Sun Microsystems, Inc.  
[www.sun.com](http://www.sun.com)

Part No. 819-4205-11  
December 2007, Revision A

Submit comments about this document at: <http://www.sun.com/hwdocs/feedback>

Copyright 2007 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054, U.S.A. All rights reserved.

Sun Microsystems, Inc. has intellectual property rights relating to technology that is described in this document. In particular, and without limitation, these intellectual property rights may include one or more of the U.S. patents listed at <http://www.sun.com/patents> and one or more additional patents or pending patent applications in the U.S. and in other countries.

This document and the product to which it pertains are distributed under licenses restricting their use, copying, distribution, and decompilation. No part of the product or of this document may be reproduced in any form by any means without prior written authorization of Sun and its licensors, if any.

Third-party software, including font technology, is copyrighted and licensed from Sun suppliers.

Parts of the product may be derived from Berkeley BSD systems, licensed from the University of California. UNIX is a registered trademark in the U.S. and in other countries, exclusively licensed through X/Open Company, Ltd.

Sun, Sun Microsystems, the Sun logo, Sun Fire, SunSolve, SunService, OpenBoot, docs.sun.com, and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and in other countries.

All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the U.S. and in other countries. Products bearing SPARC trademarks are based upon an architecture developed by Sun Microsystems, Inc.

The OPEN LOOK and Sun™ Graphical User Interface was developed by Sun Microsystems, Inc. for its users and licensees. Sun acknowledges the pioneering efforts of Xerox in researching and developing the concept of visual or graphical user interfaces for the computer industry. Sun holds a non-exclusive license from Xerox to the Xerox Graphical User Interface, which license also covers Sun's licensees who implement OPEN LOOK GUIs and otherwise comply with Sun's written license agreements.

U.S. Government Rights—Commercial use. Government users are subject to the Sun Microsystems, Inc. standard license agreement and applicable provisions of the FAR and its supplements.

DOCUMENTATION IS PROVIDED "AS IS" AND ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT SUCH DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

---

Copyright 2007 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, Californie 95054, Etats-Unis. Tous droits réservés.

Sun Microsystems, Inc. a les droits de propriété intellectuels relatants à la technologie qui est décrit dans ce document. En particulier, et sans la limitation, ces droits de propriété intellectuels peuvent inclure un ou plus des brevets américains énumérés à <http://www.sun.com/patents> et un ou les brevets plus supplémentaires ou les applications de brevet en attente dans les Etats-Unis et dans les autres pays.

Ce produit ou document est protégé par un copyright et distribué avec des licences qui en restreignent l'utilisation, la copie, la distribution, et la décompilation. Aucune partie de ce produit ou document ne peut être reproduite sous aucune forme, par quelque moyen que ce soit, sans l'autorisation préalable et écrite de Sun et de ses bailleurs de licence, s'il y en a.

Le logiciel détenu par des tiers, et qui comprend la technologie relative aux polices de caractères, est protégé par un copyright et licencié par des fournisseurs de Sun.

Des parties de ce produit pourront être dérivées des systèmes Berkeley BSD licenciés par l'Université de Californie. UNIX est une marque déposée aux Etats-Unis et dans d'autres pays et licenciée exclusivement par X/Open Company, Ltd.

Sun, Sun Microsystems, le logo Sun, Sun Fire, SunSolve, SunService, OpenBoot, docs.sun.com, et Solaris sont des marques de fabrique ou des marques déposées de Sun Microsystems, Inc. aux Etats-Unis et dans d'autres pays.

Toutes les marques SPARC sont utilisées sous licence et sont des marques de fabrique ou des marques déposées de SPARC International, Inc. aux Etats-Unis et dans d'autres pays. Les produits portant les marques SPARC sont basés sur une architecture développée par Sun Microsystems, Inc.

L'interface d'utilisation graphique OPEN LOOK et Sun™ a été développée par Sun Microsystems, Inc. pour ses utilisateurs et licenciés. Sun reconnaît les efforts de pionniers de Xerox pour la recherche et le développement du concept des interfaces d'utilisation visuelle ou graphique pour l'industrie de l'informatique. Sun détient une licence non exclusive de Xerox sur l'interface d'utilisation graphique Xerox, cette licence couvrant également les licenciées de Sun qui mettent en place l'interface d'utilisation graphique OPEN LOOK et qui en outre se conforment aux licences écrites de Sun.

LA DOCUMENTATION EST FOURNIE "EN L'ÉTAT" ET TOUTES AUTRES CONDITIONS, DECLARATIONS ET GARANTIES EXPRESSES OU TACITES SONT FORMELLEMENT EXCLUES, DANS LA MESURE AUTORISEE PAR LA LOI APPLICABLE, Y COMPRIS NOTAMMENT TOUTE GARANTIE IMPLICITE RELATIVE A LA QUALITE MARCHANDE, A L'APTITUDE A UNE UTILISATION PARTICULIERE OU A L'ABSENCE DE CONTREFAÇON.

# Contents

---

Shipping Kit Contents	1
Solaris OS Support	1
OpenBoot Diagnostic Errors	2
How to Get Technical Support	3



# Sun Fire V210 and V240 Servers Product Notes

---

The *Sun Fire V210 and V240 Servers Product Notes* contains late-breaking information about changes to the Sun Fire™ V210 and V240 servers and to the documentation supporting the servers that became known after the product documentation set was published.

---

## Shipping Kit Contents

The shipping kit might contain different items than those described on the packing list. For example, to promote eco-responsibility, the kit might no longer contain the RJ-45 Ethernet cable, the antistatic wriststrap, or other ancillary items. Alternatively, serial adapters, fasteners, or other items not listed on the packing list might be included to enhance the customer experience. Contact Sun Microsystems, Inc. to purchase the items you need. These ancillary items also might be available at computer supply stores.

---

## Solaris OS Support

The Sun Fire V210 and V240 servers are supported by the Solaris™ Operating System beginning with:

- Solaris 8 OS HW 07/03 and software patch 109885-15

---

**Note** – Software patch 109885-15 is required for Solaris 8 HW 07/03.

---

- Solaris 9 OS 12/03
- Solaris 10 OS 03/05

---

**Note** – Always check the Sun™ web site for compatible operating system software, firmware, and software patches.

---

## OpenBoot Diagnostic Errors

When `diag-script` is set to `all`, the following error message might occur at reset or power up:

### CODE EXAMPLE 0-1 `diag-script` Error Output Message

```
ERROR: pci14e4 Misc Local Control register
SUMMARY: Obs=0x00000000 Exp=0x00010000 XOR=0x00010000 AND-Mask=
0x01ffe808 Addr=0xfedae808
DEVICE: /pci@1f,700000/network@2,1
SUBTEST: selftest:reg-test:gen-regs-test:bcm-gen-misc-loc-cntl-
test
MACHINE: Sun Fire V210
SERIAL#: 664XXXXX
DATE: 11/08/2005 23:45:30 GMT
CONTROLS:diag-level=max test-args=
/pci@1f,700000/network@2,1 selftest failed, return code = 1
```

If this OpenBoot™ Diagnostic error occurs, perform the following procedure to clear the error:

1. At the system `ok` prompt clear the Automatic Recovery System (ASR) type:

```
ok asr-clear
```

2. Set the `diag-script` to normal type:

```
ok setenv diag-script normal
```

3. Reset the system type:

```
ok reset-all
```

---

# How to Get Technical Support

If you have technical questions about this product that are not answered in this product note, see [TABLE 0-1](#).

**TABLE 0-1** Useful Sun Technical Support Web Sites and Phone Numbers

<b>Sun Fire V210 and V240 Documents and Support Resources</b>	<b>URL or Telephone Number</b>
Sun Fire V210 and V240 servers documents	<a href="http://www.sun.com/documentation/">http://www.sun.com/documentation/</a>
Find Solaris and other software documents here. This is also an alternative web site for some Sun Fire V210 and V240 servers documents. This web site has full search capabilities.	<a href="http://docs.sun.com/">http://docs.sun.com/</a>
Warranty and Contract Support contacts. Links to other service tools.	<a href="http://www.sun.com/service/">http://www.sun.com/service/</a>
Discussion and diagnostics forums.	<a href="http://supportforum.sun.com/">http://supportforum.sun.com/</a>
Technical Support, diagnostic tools, and alerts for all Sun products.	<a href="http://www.sun.com/support">http://www.sun.com/support</a> <a href="http://www.sun.com/bigadmin/">http://www.sun.com/bigadmin/</a>
SunSolve <sup>SM</sup> : Contains links to software patches. Lists some system specifications, diagnostics, maintenance information, and other tools.	<a href="http://sunsolve.sun.com/">http://sunsolve.sun.com/</a>
SunService <sup>SM</sup> phone numbers (USA only).	1-800-872-4786 (1-800-USA-4Sun) Select Option 1
This web site lists international telephone numbers for SunService.	<a href="http://www.sun.com/servicesolutions/">http://www.sun.com/servicesolutions/</a>

