



# Solaris™ 9 x86 Support for the Sun GigaSwift Ethernet Device Driver

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## Support for Solaris 9 x86 Operating System

The following Sun network interface cards (NICs) support the Solaris 9 x86 Operating System on Opteron platforms such as the Sun Fire v20Z: the Sun GigaSwift Ethernet MMF/UTP and the Sun Quad GigaSwift Ethernet adapters.

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**Note** – On the current release of the Sun Fire v20Z:, the Sun GigaSwift MMF/UTP adapter *must* be installed in the long PCI slot.

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## Downloading the Software

You can download the Sun GigaSwift Ethernet driver software that is compatible with the Solaris 9 x86 Operating System from the download center:

<http://www.sun.com/software/download/network.html>

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**Note** – If you are installing the software from the download site, follow the online download instructions.

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For installation instructions, refer to the *Installation and Users Guide* that shipped with your Sun GigaSwift Ethernet adapter or the documentation that came with your system.

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**Note** – The following features are not currently supported in the Solaris 9 x86 Operating System: jumbo frames, Sun Trunking, SunVTS diagnostics, booting over the net, selftest at the BIOS level.

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## ▼ To Install the Software

1. At the system console, become superuser (root).
2. Change to the directory where the downloaded files reside:

```
# cd /media_path/
```

Where *media\_path* = is the path to the directory where you downloaded the driver from the Sun download center

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### 3. Unzip the downloaded file:

```
# unzip Sun_GigaSwift_Ethernet_Driver.zip
```

### 4. Change to the Sun\_GigaSwift\_Ethernet\_Driver directory:

```
# cd Sun_GigaSwift_Ethernet_Driver
```

You will see the following files and directories:.

**TABLE 1** Files and Directories on the CD-ROM

File or Directory	Contents
Copyright	U.S. copyright file
FR_Copyright	French copyright file
Solaris_9/i386/Packages/	Contains the Sun GigaSwift Ethernet software packages applicable to the Solaris 9 x86 version of the software: <ul style="list-style-type: none"><li>• SUNWcea—32-bit adb macros</li><li>• SUNWced—adapter driver</li><li>• SUNWcedu—adapter driver headers</li><li>• SUNWcem—man pages</li></ul> The optional VLAN packages: <ul style="list-style-type: none"><li>• SUNWvld—VLAN utility routines</li><li>• SUNWvldu—VLAN utility headers</li></ul>

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**Note** – If you intend to use VLAN, you must install VLAN packages when you install the software packages.

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**5. Install the software packages by typing the following at the command line:**

```
# pkgadd -d Solaris_9/i386/Packages
```

A menu similar to the following displays:

```
The following packages are available:
1 SUNWcea      Sun GigaSwift Ethernet Adapter Driver 32 bit adb Macros
                (i386) 1.0,REV=2001.05.04
1 SUNWced      Sun GigaSwift Ethernet Adapter Driver (32-bit Driver)
                (i386) 1.0,REV=2001.05.04
2 SUNWcedu     Sun GigaSwift Ethernet Adapter Driver Headers
                (i386) 1.0,REV=2001.05.04
3 SUNWcem      Sun GigaSwift Ethernet Adapter Driver Man Pages
                (i386) 1.0,REV=2001.05.04
4 SUNWvld      Sun Ethernet Vlan Utility Routines
                (i386) 1.0,REV=2001.05.04
5 SUNWvldu     Sun Ethernet Vlan Utility Headers
                (i386) 1.0,REV=2001.05.04

Select package(s) you wish to process (or 'all' to process
all packages). (default: all) [?,??,q]:
```

**6. Select the packages you want to install:**

- Press Return or type **all** to accept the default and install all packages.
- Type the numbers of all but the optional packages if you prefer not to install them.

**7. Reboot the system:**

```
ok boot -r
```

**8. Verify the software installation.**

Use the `modinfo` command to verify that you have the current driver (v1.137 or later) installed.  
Type `grep CE`, using uppercase letters, to get only the specific driver information:

```
# modinfo |grep CE
84 7821c000 4f9a6 75 1 ce (CE Ethernet Driver v1.137)
```

Once you verify that you have installed the correct version of the driver, your installation is complete.

## Accessing Sun Documentation

You can view, print, or purchase a broad selection of Sun documentation, including localized versions, at:

<http://www.sun.com/documentation>

## Contacting Sun Technical Support

If you have technical questions about this product that are not answered in this document, go to:

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*Solaris x86 Support for the Sun GigaSwift Ethernet Device Driver*, part number 817-7634-10

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