
Summary

These Release Notes provide the following information:

- “Installing Solaris on the Netra t1 Model 100/105” on page 2 provides details of how to install either the Solaris 8, Solaris 7, or Solaris 2.6 operating environments on the Netra t1 Model 100/105 system, including the applicability of patches.
- “POST” on page 4 outlines a known POST software issue.
- “Using the CD-ROM” on page 5 provides details of the different commands required to boot from either internal or external CD-ROMs.
- “Modem Control” on page 5 describes the correct modem configuration for the Netra t1 Model 100/105.
- “Lithium Battery Replacement” on page 5 provides a caution applicable to battery replacement.
- “Regulatory Compliance Statement for the Netra t1 Model 100/105” on page 6 details the compliance statements applicable to the Netra t1 Model 100/105.

A check box is provided with each individual step in this document so you can ensure that all the required steps have been completed successfully.

Installing Solaris on the Netra t1 Model 100/105

The Netra t1 Model 100/105 is supplied with either Solaris 8 or Solaris 7 pre-installed (depending on which system you ordered).

The pre-installed version of Solaris 8 includes the LOM software and the recommended patch cluster which are also available from SunSolve. If you intend to use the pre-installed version of Solaris 8 and require your system to act as an IP router (using the two Ethernet interfaces), after initially configuring the system you must delete the file `/etc/notrouter` and reboot the system.

This section describes how to install Solaris 8, Solaris 7, and Solaris 2.6, if you decide to change the operating environment from the pre-installed version, or if the disc partitioning is not appropriate for your requirements.

▼ Installing Solaris 8

Before you begin the installation process, make sure that you have the Solaris 8 software on two CDs (part no. 704-7167 1 of 2, and 704-7168 2 of 2).

To install Solaris 8, follow the instructions provided with the software.

▼ Installing Solaris 7

Before you begin the installation process, make sure that you have the Solaris 7 software on CD (part no. 704-6771-10).

To install Solaris 7, follow the instructions provided with the software.

Installing Solaris 2.6

Before you begin the installation process, make sure that you have:

- Solaris 2.6 Hardware 5/98 CD (part no. 704-6083-10)
- Solaris Operating Environment Installation CD 9/99 (part no. 704-6914-10)

▼ To Install Solaris 2.6 from the CDs

1. Insert the Solaris Operating Environment Installation CD into the CD-ROM drive and, at the OpenBoot™ PROM prompt, type:

```
ok boot cdrom
```

2. Follow the instructions displayed on the console, which tell you when to insert the standard Solaris 2.6 CD.

▼ To Install Solaris 2.6 from the Network

1. On another Solaris system that is on the same network as the Netra t1 Model 100/105 to be installed, create a Solaris 2.6 Hardware 5/98 net install server in accordance with the instructions supplied with the Solaris 2.6 Hardware 5/98 CD.

As you will need to install software from the Solaris Operating Environment Installation CD onto the Netra t1 Model 100/105, the install image must be copied on to the local disk.

2. When the install server setup is completed, remove the Solaris 2.6 Hardware 5/98 CD and insert the Solaris Operating Environment Installation CD.

3. Run the `modify_install_server` script in accordance with the instructions provided with the CD to update the net install server with the patches required for a Netra t1 Model 100/105.

4. Obtain the MAC address of the Netra t1 Model 100/105 from the banner, which is displayed when the system is powered up.

5. Use the MAC address to register the Netra t1 Model 100/105 with the net install server by running the `add_install_client` script on that server, as described in the documentation provided with the Solaris 2.6 Hardware 5/98 CD.

6. When the Netra t1 Model 100/105 is powered up, it should try to boot automatically from the network. Complete the installation by connecting the Ethernet, then power on the system.

It is assumed that `auto-boot` is set to `true` and the system does not contain a valid disk from which to boot. If a valid system disk is present, you should break to the OpenBoot PROM prompt and type the following:

```
ok boot net
```

7. Follow the instructions on the console for a normal install, as described in the documentation provided with the Solaris 2.6 Hardware 5/98 CD.

Note – For either installation procedure, install the entire distribution plus OEM support to ensure that all the required patches are applied.

Applicability of Patches

The following table details those patches applicable to the different versions of Solaris for the Netra t1 Model 100/105.

Patch Applies to	Solaris 2.6 Hardware 5/98 Patch Details	Solaris 7 Patch Details	Solaris 8 Patch Details
General	105181-xx, where -xx is -10 or the latest version (greater than -17) available on SunSolve	None	None
SU (Serial Port) Driver	106533-xx Contact your local Sun Enterprise Services representative for the latest patch version	107026-04 Contact your local Sun Enterprise Services representative for the latest patch version	None

POST

Running `POST` at `diag-level=menus` fails due to a known `POST` software issue (ID 4017281).

When `diag-level=menus`, the system does not enter `POST` menu mode. It runs `POST` and passes to the OpenBoot PROM as it would when `diag-level=min`.

Using the CD-ROM

If booting the system from a CD-ROM where the system has only an internal or only an external CD-ROM, or if booting from an internal CD-ROM where the system has both internal and external CD-ROMs, type:

```
ok boot cdrom
```

If booting the system from an external SCSI CD-ROM device attached to a system with both internal and external CD-ROMs, type:

```
ok boot cdrom1
```

Modem Control

Note that the Netra t1 Model 100/105 drives DTR (data terminal ready) normally asserted, but it will be briefly negated during system reboot and similar situations. If a terminal server (for example a Cisco 2511) is connected to the LOM/SerialA port of the system, care must be taken to ensure that modem control is disabled. This is because with modem control enabled on the terminal server, the DTR output of the system may be misinterpreted as DCD (data carrier detect). If this is seen to be negated, it will cause the serial connection to be dropped. This will result in a telnet session, for example, being terminated.

Lithium Battery Replacement

The following caution should be noted when replacing the Lithium battery present in the system.



Caution – There is a danger of explosion if the Lithium battery is incorrectly replaced. Replace only with the same or equivalent type recommended by Sun Microsystems, Inc.

Dispose of used batteries according to the manufacturer's instructions.

Regulatory Compliance Statement for the Netra t1 Model 100/105

This section provides the Regulatory Compliance Statement applicable to the Netra t1 Model 100.

Your Sun product is marked to indicate its compliance class:

- Federal Communications Commission (FCC) — USA.
- Industry Canada Equipment Standard for Digital Equipment (ICES-003) - Canada.
- Voluntary Control Council for Interference (VCCI) — Japan.
- Bureau of Standards Metrology and Inspection (BSMI) — Taiwan.

Please read the following section before attempting to install the product.

FCC Class A Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Note – This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Shielded Cables: Connections between the workstation and peripherals must be made using shielded cables to comply with FCC radio frequency emission limits. Networking connections must be made using shielded twisted-pair cables. LOM/Serial connections can be made using unshielded twisted-pair (UTP) cables.

Modifications: Any modifications made to this device that are not approved by Sun Microsystems, Inc. may void the authority granted to the user by the FCC to operate this equipment.

DOC Class A Notice - Avis DOC, Class A

This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

VCCI Class A Notice

VCCI 基準について

クラス A VCCI 基準について

クラス A VCCI の表示があるワークステーションおよびオプション製品は、クラス A 情報技術装置です。これらの製品には、下記の項目が該当します。

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BSMI Class A Notice

The following statement is applicable to the Netra t1 Model 100/105 shipped to Taiwan and marked as Class A on the product compliance label:

警告使用者：

這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。