

READ ME

Before Installing

TAMS 71622 Interface

Version 10.20-3.01.00 for HP-UX 10.20

Version 11.11-3.01.00 for HP-UX 11i

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Please read this page carefully BEFORE INSTALLING your TAMS 71622 interface into a workstation manufactured prior to September 1997:

HP C180, C160, C160L, B160L and B132L

Hewlett Packard discovered a possible problem in some HP C180, C160, C160L, B160L, and B132L VISUALIZE workstations, which had the potential of corrupting incoming data on I/O cards on the PCI bus.

Because the TAMS 71622 interface is a PCI card, it must be used in a system that has the repaired, or new, backplane. If your system has not had a repair or upgrade made to it, compare your serial number to this list. If your system has a serial number LOWER than these, this information may apply to your system.

Model#	US or Asia	Europe
HP C180	US67430000	3637G11000
HP C180XP	US67430000	3629G09000
HP C160	US67430000	3628G10000
HP C160L	US67430000	3631G09000
HP B160L	US67430000	3626G05000
HP B132L	US67430000	3630G08000

Though the probability of the problem surfacing in use is small, HP considers any potential for data corruption to be unacceptable. They have created a no cost warranty repair program for any customer using one of the affected systems with one or more PCI I/O interfaces such as the TAMS 71622 interface.

If you determine that your system has a serial number lower than the ones listed above, contact your local Hewlett Packard Sales Office. If you contact the local sales office, it may be helpful to provide them with the numbers of the Service Notes that apply to this situation: A4190A-01 (for B systems) or A4231A-04 (for C systems).

Note: Some of the systems have been shipped with a modified boot ROM which will refuse to boot the system if a PCI interface, such as the TAMS 71622, is installed into a system which has the hardware problem. This protective feature will prevent the installation of this card until the computer has had the warranty repair performed.

(see installation instructions on other side)

Choosing a Package for Installation

The installation CD includes three versions of the T71622 driver: one supporting HP-UX 10.20 for workstations and two supporting HP-UX 11i for workstations (one for 32-bit kernels and the other for 64-bit kernels). The HP-UX 10.20 package is simply called T71622. The 11i 32-bit kernel version is called T71622-32-32 and provides 32-bit userland library. The package T71622-32-64 provides 11i 64-bit kernel and 32-bit userland library. (The operating system will not allow you to install the incorrect one unless you give `swinstall` the `-x allow_incompatible=true` flag.)

Installation

It is important that the I/O Libraries be installed prior to performing the following installation. For HP-UX 10.20, the 'swlist' command should show the E2091 or N2091 bundle, and for 11i the T72091 bundle should be listed. You must be root user in order to perform the installation.

Users of HP-UX 10.20, Japanese version should consult special instructions on the TAMS website (www.tamsinc.com) concerning installation problems that may be encountered when installing the following driver.

Note: The 71622 GPIO card MUST be installed according to the instructions on page 5 of the manual before the T71622 software is installed. Failure to do so will cause errors during the 'Configuring all unconfigured software filesets' section during bootup.

To install the appropriate 71622 driver, mount the CD-ROM containing the 71622 drivers:

```
mount /dev/dsk/c1t2d0 /SD_CDROM
```

where `/dev/dsk/c1t2d0` is an example of the device file for the CD-ROM drive and `/SD_CDROM` is the mountpoint. Create the `/SD_CDROM` directory first if it doesn't exist.

Then install the package according to the notes in “**Choosing a Package for Installation**”.

```
swinstall -s /SD_CDROM
```

(Using `swinstall` interactively in this way will only display the package appropriate for the machine you are installing on.)

Before using the 71622 interface, the `/etc/opt/sicl/hwconfig.cf` file must be modified. This is done with *iosetup* (GUI interface), or manually with a text editor. If you use *iosetup*, be sure to use the 'Custom TULIP Driver' and use a driver name of `t61622`, rather than using an HP/Agilent GPIO card driver. If you manually edit `hwconfig.cf`, be sure to run *siclconf* afterwards, as this rebuilds the kernel with the appropriate device drivers.