

**GigEther-01 (igelan)
Gigabit Ethernet Driver
for HP-UX 11i v1
of June 2007
Release Notes**

GigEther-01 Software Version B.11.11.26

Printed in U.S.A.



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Software Requirement

Please ensure that the following software patch is loaded before updating to the latest GigEther-01 bundle:

- PHNE_24492 (or later) LAN product cumulative patch.

To download this patch:

1. Go to the online HP IT Resource Center at: <http://www2.itrc.hp.com/>. If not already registered, you can register for free on the ITRC home page.
2. Once you are logged in, search for the *LAN product cumulative patch* for HP-UX 11i v1 or search for PHNE_24492 in the patch database.

What's in this Version

The following information describes the updates made to one HP-UX-based Gigabit Ethernet driver. The GigEther-01 software bundle, which is built into the OE, contains the driver called igelan.

The June 2007 version of the GigEther-01 driver for HP-UX 11i v1 contains the following updates:

- Driver is enhanced to allow display of Manufacturing Date Code (MDC). To display it, from the HP-UX command line, type: `lanadmin -x card_info ppa`
- The igelan LAN driver is enhanced to provide a generic interface to the WBEM LAN Indication Provider to retrieve vital product data (VPD) and PCI configuration space data.
- Fixed a problem where cards supported by the igelan driver on HP-UX 11i v1 could occasionally hang. Required resetting the card with lanadmin. Cards affected were gigabit Ethernet cards such as , A6825A, A6847A, and core I/O card A6947A. Problem could be verified with:
 - Telnet/ping/linkloop to another system using this igelan interface doesn't work.
 - Telnet/ping/linkloop in loopback using the igelan interface works fine.
 - This problem occurs regardless of card settings.
 - When you have a card hang, if you reset the card with lanadmin everything works fine.
 - Nothing is logged in dmesg/syslog/nettl
 - The `lanadmin -g ppa` command may display a high value for "Outbound Queue Length" counter.

