

10GigEthr-01 (icxgbe) B.11.23.1012

Ethernet driver release notes

HP-UX 11i v2

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This document provides information about the December 2010 release of the 10GigEthr-01 bundle for HP-UX 11i v2.

1 10GigEthr-01 overview

The 10GigEthr-01 bundle contains the `icxgbe` version B.11.23.1012 driver, which supports the AD386A PCIe 10 Gigabit Ethernet Card.

2 New and changed features in this release

2.1 New features

There are no new features included in 10GigEthr-01 at the time of this publication.

2.2 Changed features

There are no changed features included in 10GigEthr-01 at the time of this publication.

3 Problems fixed in this version

Table 1 HP-UX 11i v2 Decembr 2010 fixes — 10GigEthr-01 B.11.23.1012

SR number	Description
QXCR1000886474	Panic in <code>icxgbe_ilan_hdm_send()</code> in servers with more than 128 CPUs.
QXCR1001022813	All IOVR resources are exhausted on servers with vPars enabled.
QXCR1000968047	Nameserver fcd queries fail due to <code>malloc_map_failure</code> in vPars environment.
QXCR1001041440	AD386A PCIe 10GbE adapter <code>icxgbe</code> link down after system reboot.

Problems fixed in recent versions

There were no defects or fixes included in 10GigEthr-01 B.11.23.0809.

4 Known problems and limitations

- **Duplicate multicast/broadcast packets on the guest if HPVM AVIO is use.**
Severity: Medium.
This problem will be fixed in a future release of the 10GigEthr-01 bundle.
- **No install kernel support for HP-UX 11i v2.**
The HP-UX 11i v2 install kernel is not supported by the `icxgbe` version B.11.23.1012 driver.
Workaround: None at the time of this publication.

5 Compatibility and installation requirements

This section describes the compatibility information and installation requirements for this release.

- For specific installation instructions, see the installation procedure or overview document for your card.
- For detailed information on supported server platforms, operating systems, and firmware level requirements, see the *Ethernet Support Matrix*.

These documents are available at:

<http://www.hp.com/go/hpux-iocards-docs>

5.1 Operating system and version compatibility

This release is specific for HP-UX 11i v2 (B.11.23).

5.2 Hardware requirements

This version of 10GigEthr-01 runs on HP Integrity and HP 9000 servers with the HP-UX 11i v2 (B.11.23) operating system.

6 Related information

The latest documentation for ethernet cards is available in English at:

<http://www.hp.com/go/hpux-iocards-docs>

7 Software availability in native languages

The 10GigEthr-01 product is available only in the English language.