

# HP-UX Gigabit Ethernet Driver IEther-00 Release History

Edition 3: January 2008

For further details on each driver version, please see the Release Notes for the specific version (example, B.11.23.0606.01) available in the Archive section under I/O Cards and Networking Software on <http://docs.hp.com>.

Table 1 HP-UX Gigabit Ethernet Driver IEther-00 Release History

Date	HP-UX Version and Release Type	iether Driver Version	Features
Dec 2007	11.23 OE	B.11.23.0712	<p>-- Supports HP-UX 11i v2 based AVIO (Accelerated Virtual IO) to improve networking performance of the guest drivers in an HPVM environment.</p> <p>-- Supports NC364m PCIe 4-port Gigabit Ethernet Mezzanine Card (order #: 447883-B21) on HP Integrity BladeSystem c3000 and c7000 enclosures and HP BL860c and BL870c server blades.</p> <p>-- Defect fixes described in the <i>IEther-00 (iether) Gigabit Ethernet Driver for HP-UX 11i v2 and 11i v3 of December 2007 Release Notes</i>.</p>
	11.31 AR	B.11.31.0712	<p>-- Supports NC364m PCIe 4-port Gigabit Ethernet Mezzanine Card (order #: 447883-B21) on HP Integrity BladeSystem c3000 and c7000 enclosures and HP BL860c and BL870c server blades.</p> <p>-- Defect fixes described in the <i>IEther-00 (iether) Gigabit Ethernet Driver for HP-UX 11i v2 and 11i v3 of December 2007 Release Notes</i>.</p>

**Table 1 HP-UX Gigabit Ethernet Driver IETHER-00 Release History (Continued)**

<b>Date</b>	<b>HP-UX Version and Release Type</b>	<b>iether Driver Version</b>	<b>Features</b>
<b>Sept 2007</b>	11.31 OE	B.11.31.0709	In this release, the <b>iether</b> driver is enhanced to support: -- PCI Express (PCIe) based I/O and Networking cards. -- dynamic loading of the network driver iether. This driver version can be loaded to and unloaded from the HP-UX kernel without rebuilding the kernel or rebooting the system. Please see the <i>IETHER-00 for HP-UX 11i v3 of September 2007 Release Notes</i> .
	11.31 AR	B.11.31.0709	

Table 1 HP-UX Gigabit Ethernet Driver IEther-00 Release History (Continued)

Date	HP-UX Version and Release Type	iether Driver Version	Features
June 2007	11.11 OE	no change	For HP-UX releases, HP discourages changing the default values of the four tunables mentioned in the HP-UX 11i v2 (11.23) OE below.
	11.11 AR	B.11.11.0706	
	11.23 OE	B.11.23.0706	<p>1. As of June 2007, <b>iether</b> driver release enables PCI Express (PCIe) technology on HP-UX 11i v2.</p> <p>2. New lanadmin option to enable writing vital product data (VPD) asset_tag on EEprom.</p> <p>3. HP strongly recommends that the default values of the following four tunables not be changed. It has been found that certain combinations of these tunables (other than the default settings) could result in card hangs.</p> <ul style="list-style-type: none"> <li>- send_max_bufs</li> <li>- recv_max_bufs</li> <li>- send_coal_ticks</li> <li>- recv_coal_ticks</li> </ul> <p>HP does not support the option of changing these tunables for <b>iether</b> based PCIe (PCI Express) cards.</p>
	11.23 AR	B.11.23.0706	<p>The same changes were made for the application release (AR) as were made for the OE update release above.</p> <p>The AR release notes are on docs.hp.com and are called the <i>IEther-00 (iether) Gigabit Ethernet Driver for HP-UX 11i v2 of June 2007 Release Notes</i>.</p>

**Table 1 HP-UX Gigabit Ethernet Driver IETHER-00 Release History (Continued)**

<b>Date</b>	<b>HP-UX Version and Release Type</b>	<b>iether Driver Version</b>	<b>Features</b>
<b>Dec 2006</b>	11.11 OE	B.11.11.13	Pre-enable future technology.
	11.11 AR	B.11.11.13	
	11.23 OE	no change	
	11.23 AR	B.11.23.0612.01	Bug fixes.
<b>Sept 2006</b>	11.11 OE	no change	
	11.11 AR		
	11.23 OE	B.11.23.0609	Pre-enable future technology.
	11.23 AR	no change	
<b>June 2006</b>	11.11 OE	no change	
	11.11 AR	B.11.11.11	<p><b>Checksum Offload Changes.</b>  <b>PCI-X Error Handling improvements.</b>                      (requires pre-requisite PCI-X Error Handling-00 bundle.) The PCI-X Error Handling-00 bundle is a selectable feature that is located on the SPK (software pack) DVD.  <b>64-bit MIB statistics support</b>, but prerequisite patch PHNE_33704 (or later) must also be installed.</p>
	11.23 OE	B.11.23.0606.01	Pre-enable future technology.
	11.23 AR	B.11.23.0606.01	<p><b>Checksum Offload Changes.</b>  <b>PCI-X Error Handling improvements.</b>                      (requires pre-requisite PCI-X Error Handling-00 bundle.)The PCI-X Error Handling-00 bundle is a selectable feature that is located on the SPK (software pack) DVD.</p>



