

Driver Downloads

Contents

Network and iSCSI Accelerator Drivers for Windows	1
Choosing the Appropriate Driver	1
Alacritech Driver Release 10.0.0.3006	2
7.3.1.0 Network and iSCSI Accelerator Driver for Windows 2000/XP/2003	4
6.3.1.1 Network and iSCSI Accelerator Driver for Windows 2000/XP	4
Preinstallation Environment Driver.....	5
iSCSI Boot Components.....	5
iSCSI Boot PXE/UNDI Drivers for Alacritech Hardware	6
Request emBoot netBoot/i trial.....	7

Network and iSCSI Accelerator Drivers for Windows

Choosing the Appropriate Driver

Currently, there exists more than one driver that may support a given hardware product or OS version or configuration. Use the following three tables to choose which driver will be most appropriate for your environment.

Microsoft Operating System Support		
Operating System Version	Network and iSCSI Accelerator Driver	
	SNP Driver	ATCP Driver
Windows Server 2008 x86 Windows Server 2008 x64 Windows Vista x86 Windows Vista x64 Windows Server 2003 x64 Microsoft Windows XP x64	10.0.0.3006	N/A
Windows Server 2003 x86	10.0.0.3006	7.3.1.0
Microsoft Windows XP x86 Microsoft Windows 2000	N/A	7.3.1.0 6.3.1.1 ^{NOTE1}

NOTE 1. The 6.3.1.1 driver is for legacy 100BaseT products only.

Recommended Driver By Hardware Type			
Product Family	Recommended Driver		
	NDIS 6.0 SNP Driver	NDIS 5.2 SNP Driver	ATCP Driver
SEN3000 Series	10.0.0.3006	10.0.0.3006	N/A
SEN2100 and SEN2000 Series	10.0.0.3006	10.0.0.3006	7.3.1.0
SEN1800 Series	10.0.0.3006	10.0.0.3006	N/A
Legacy Gigabit Accelerator	N/A	N/A	7.3.1.0
100 Mbit Accelerator	N/A	N/A	6.3.1.1

Alacritech Driver Release 10.0.0.3006

This is the most recent Alacritech driver package for Server 2008, Server 2003, Vista, and XP x64. This driver package contains both NDIS 6.0 and NDIS 5.2 drivers.

Note that Server 2008 and Vista ship with TCP Offload disabled both globally and on a per interface basis by default. [Follow these instructions](#) to enable TCP Offload on Server 2008.

This is a feature release.

This release adds support for Alacritech SEN3000 Series products (10 gigabit Accelerators).

This release also adds bug fixes that were not present in the 9.2.0.2044 and 9.3.0.2093 releases.

WHQL Certification

The 1 gigabit Network Miniport drivers (slic.sys, slicix86.sys, slicix64.sys) in the 10.0.0.3006 package are WHQL certified. The Link Aggregation (teaming) driver (slicteam.sys) in the 10.0.0.3006 package is WHQL certified. The 10 gigabit Network Miniport drivers (sxxg.sys, sxxg86.sys, sxxg64.sys) are not WHQL certified. Instead they are self-signed by Alacritech.

Download 10.0.0.3006 drivers:

This package contains the 10.0.0.3006 NDIS 6.0 SNP driver for Server 2008 and Vista, as well as the NDIS 5.2 driver for Server 2003 and XP x64 as well as all necessary documentation.

Download File	R10_0_0_3006.zip
File Size	5805047 bytes
MD5 checksum	D6125BF5E52A6FA7E07D8EAD044AC47E

[10.0.0.3006 User Guide](#)

[10.0.0.3006 Release Notes for NDIS 6.0 2008 and vista](#)

[10.0.0.3006 Release Notes for NDIS 5.2 XP x64](#)

7.3.1.0 Network and iSCSI Accelerator Driver for Windows 2000/XP/2003

The 7.3.1.0 driver is ***ONLY*** for:

Hardware	Platform
Legacy Gigabit	Windows Server 2003 x86 Windows Server 2000 Windows XP x86
SEN2000 and SEN2100 Family	Windows Server 2000 Windows XP x86

This is a maintenance release driver and contains fixes for bugs discovered in the previous release. See the release notes for details about the bug fixes.

This driver adds no new features over the previous release (7.3.0.1r3)

See the [Release Notes](#) for more details.

WHQL Certification

The Network Miniport driver (slic100.sys) in the 7.3.1.0 package is WHQL certified
The Link Aggregation (teaming) driver (slicteam.sys) in the 7.3.1.0 package is WHQL certified.

Download 7.3.1.0 drivers:

This package contains the 7.3.1.0 Network and iSCSI Accelerator drivers for 32 bit Windows 2000/XP/2003, version 1.0.1.1 PXE/UNDI drivers, and complete documentation. It also includes documentaion for the release 9 SNP drivers, but not the drivers themselves.

Download File	R7_3_1_0.zip
File Size	12649855 bytes
MD5 checksum	729A767D0E992BBA737F9D6816209C0B

[User Guide](#)

[Release Notes](#)

6.3.1.1 Network and iSCSI Accelerator Driver for Windows 2000/XP

The current Alacritech Network Accelerator Driver release for 100 Megabit hardware on Microsoft Windows 2000 and Windows XP is 6.3.1.1. 100 Megabit hardware is not supported on Windows 2003, nor is the 6.3.1.1 driver.

This driver is appropriate for all Alacritech 100 megabit and first generation Gigabit Network Accelerator and iSCSI Accelerator products. This driver includes bug fixes added since the

release of the 6.3.0.5 Network and iSCSI Accelerator driver. For details on bugs fixed in this driver, see the [Release Notes](#).

WHQL Certification

The Network Miniport driver (slic100.sys) in the 6.3.1.1 package is WHQL certified*.

The Link Aggregation (teaming) driver (slicteam.sys) in the 6.3.1.1 package is WHQL certified.

* The WHQL certification for slic100.sys does not extend to the single port 10/100 card [P/N 2000-100004], as Microsoft classifies this card as a desktop interface. The WHQL test for desktop interfaces includes Wake-On-LAN, but the 10/100 card does not have hardware support for it.

Download 6.3.1.1 drivers:

This package contains the 6.3.1.1 Network and iSCSI Accelerator drivers for Windows 2000 and XP as well as complete documentation.

Download File	R6_3_1_1.zip
File Size	4876002 bytes
MD5 checksum	B0E7EAC6D66C361AD4FB7FC2642CDB5D

[User Guide](#)

[Release Notes](#)

Preinstallation Environment Driver

[R7_3_1OPE-1.zip](#) 372850 bytes. MD5 checksum = 8767B96139E009BC542D715E1AE25E30

This package contains the 7.3.1.0 network miniport driver for Windows 2000, XP, and 2003 preinstallation environments. Note that this is the same miniport driver version that is contained in the full 7.3.1.0 package. This driver will only work for hardware that is supported by the 7,3,1,0 driver. This package also contains the version 1.0.1.2 PXE/UNDI driver and the slicuser program. It contains everything necessary to run an Alacritech NIC (without teaming or TCP offload) in a [BartPE Pre-installation Environment](#), including the ability to flash the card.

[BartPE Installation Instructions](#)

iSCSI Boot Components

The Alacritech/emBoot iSCSI boot solution consists of multiple components, both hardware and software. To better understand this solution, please see the [iSCSI boot page](#).

Proper implementation of iSCSI boot requires that the individual components are compatible. Use the following table as a guide.

Matching iSCSI boot components to OS Version			
OS version	emBoot Component	Alacritech Driver	PXE/UNDI Version
Windows Server 2008 x86 Windows Server 2008 x64 Windows Vista x86 Windows Vista x64	winBoot/i	NDIS 6.0 SNP	1.0.1.3
Windows Server 2003 x86 Windows Server 2003 x64	winBoot/i	NDIS 5.2 SNP	1.0.1.3
Windows XP x64	winBoot/i	SNP	1.0.1.3
Windows XP x86 Windows Server 2000	netBoot/i	ATCP	1.0.1.3

iSCSI Boot PXE/UNDI Drivers for Alacritech Hardware

This PXE/UNDI driver is used to support iSCSI boot in conjunction with emBoot's netBoot/i solution. See the [Alacritech's iSCSI boot page](#) for more detail. It is recommended that customers always use the most recent PXE/UNDI version available. The current PXE/UNDI driver is version 1.0.1.3

1.0.1.3 PXE/UNDI components

The current PXE/UNDI driver flash components are version 1.0.1.3. The installed PXE/UNDI version can be determined by observing the boot process after the PXE/UNDI has been installed.

These flash components are compatible with all 2000 and 2100 series Alacritech Accelerator hardware. This package is provided primarily so that PXE/UNDI support can be updated independently from the network drivers.

PXE/UNDI Driver Component Versions	
Component	File Version
Oasis0.bin	1.0.1.3
Oasis1.bin	1.0.1.3
Oasis2.bin	1.0.1.3

stub_m.nic	1.0.1.3
stub_mb.nic	1.0.1.3
stub_mc.nic	1.0.1.3
stub_mf.nic	1.0.1.3

Download version 1.0.1.3 PXE/UNDI drivers:

[PXEUNDI1013.zip](#) 139312 bytes. MD5 checksum = 66956E6B0434676033048076AE466999
This package contains version 1.0.1.3 PXE/UNDI drivers, and nothing else.

[Flash Update instructions](#)

Request emBoot netBoot/i trial

Alacritech has partnered with emBoot (now part of DoubleTake) to provide a complete iSCSI boot solution. Alacritech provides a download link to the current version of netBoot/i as well as a trial license. A permanent license for netBoot/i must be purchase from emBoot. Please contact Support at 877.341.8267 for further information.