



StorTrends® 3400 Software Re-Installation Procedure for StorTrends iTX (version 2.8)

MAN-3400-ITX28-INST
11/16/2012

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American Megatrends, Inc.
5555 Oakbrook Parkway,
Building 200
Norcross, GA 30093

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Revision History

12/23/2010	Preproduction release
04/22/2011	Updated term from Canister to Controller
02/01/2012	Updated entire procedure
05/04/2012	Updated illustrations to EPS and removed requirement to pull/power off right controller
11/16/2012	General updates

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STOP!

**THIS DOCUMENT DESCRIBES HOW TO INSTALL THE SOFTWARE ON THE STORTRENDS
3400 DUAL CONTROLLER IP-SAN STORAGE APPLIANCE ONLY.**

Installation Procedure

STOP!

YOUR STORTRENDS 3400 DUAL CONTROLLER IP-SAN STORAGE APPLIANCE IS SHIPPED WITH THE STORTRENDS ITX 2.8 SOFTWARE ALREADY INSTALLED. FOLLOW THE INSTRUCTIONS IN THIS DOCUMENT ONLY IF YOU NEED TO RE-INSTALL THE STORTRENDS ITX 2.8 DUAL CONTROLLER IP-SAN SOFTWARE!

WARNING!

ALL INFORMATION STORED ON THE STORTRENDS® STORAGE APPLIANCE WILL BE ERASED. THIS INCLUDES ALL USER RIGHTS, TARGET INFORMATION AND SO ON.

STOP!

BACKUP ALL DATA STORED ON YOUR STORAGE APPLIANCE BEFORE PROCEEDING!

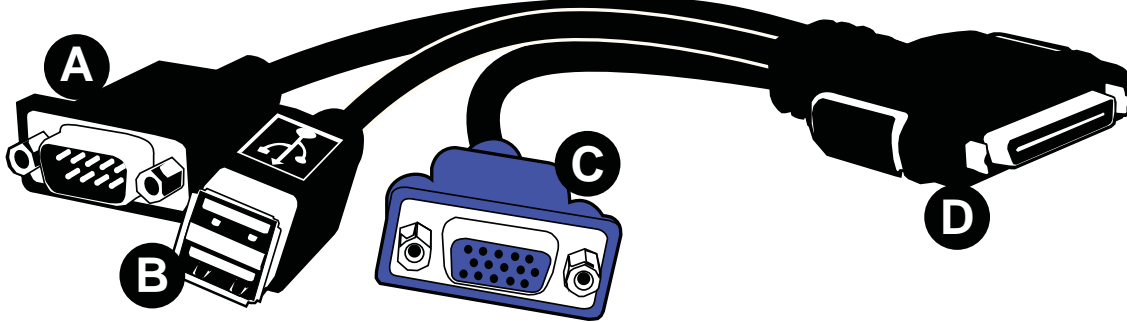
Overview

Use the steps outlined in this document to re-install the StorTrends® Dual Controller IP-SAN software onto your storage appliance.

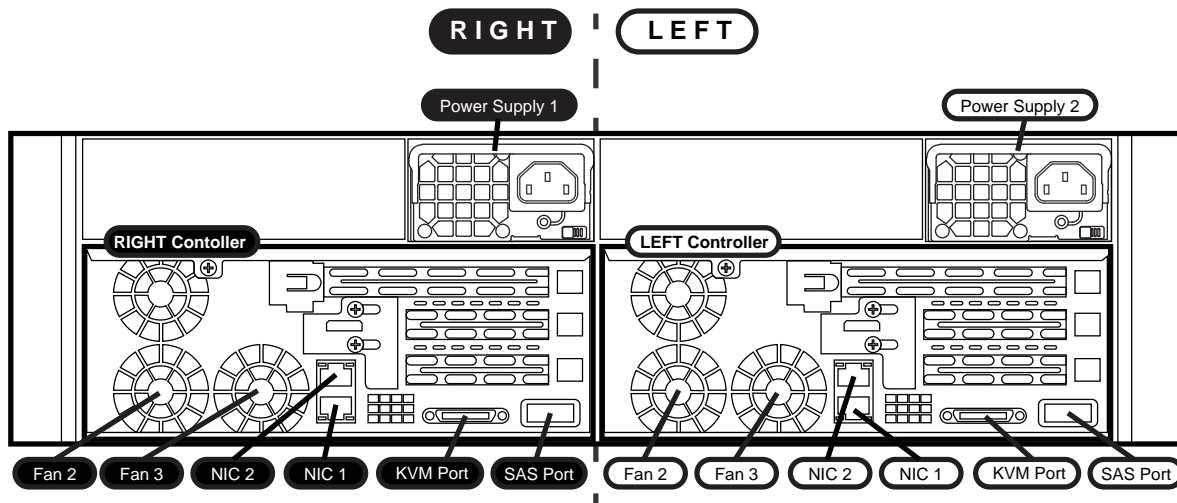
Note:

This document assumes that your StorTrends® Dual Controller IP-SAN storage appliance has already been deployed. Meaning that your StorTrends® Dual Controller IP-SAN storage appliance has been installed into a rack and connected to power and local network. If not, see the *StorTrends 3400 Dual Controller IP-SAN Storage Appliance Setup Guide* first.

Attach a separate KVM Dongle to both the Left Controller and Right Controller



Attach a KVM Dongle to both the **Left Controller** and **Right Controller**'s KVM Port connector.



Attach a *Keyboard* and *Monitor* into the KVM Dongle on both the **Left Controller** and **Right Controller**. Plug a USB CD-ROM drive just into the KVM Dongle on the **Left Controller**. Put the *StorTrends® Storage Appliance CD* into the CD-ROM drive before proceeding.

STOP!

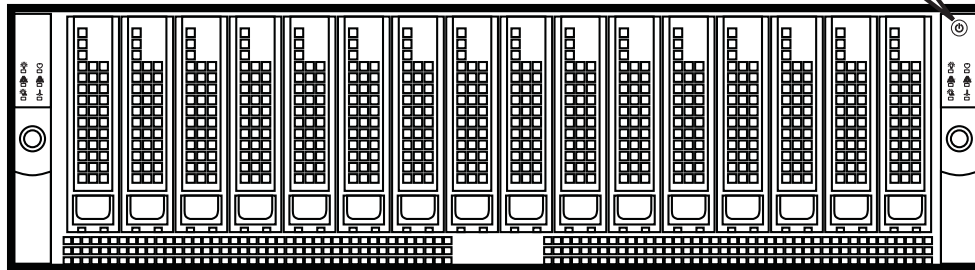
MAKE SURE THAT THE STORTRENDS® STORAGE APPLIANCE CD IS IN THE CD-ROM DRIVE AND THAT THE CD-ROM DRIVE IS PLUGGED INTO THE LEFT CONTROLLER BEFORE PROCEEDING!

Note:

You will need to put the *Right Controller* into *BIOS* mode at the same time the *Left Controller* boots up off the *StorTrends® Storage Appliance CD*. If you don't, you will need to perform the next few steps over again.

Power On

Power on by pressing this button.



IMPORTANT!

The Power button acts more like a toggle switch than a traditional OFF/ON button.

For example:

The Power button will power on both controllers if they are both powered off. However, if the left controller is powered on and the right controller is powered off, the Power button will turn off the left controller, but will also turn on the right controller.

Put the Right Controller into BIOS mode

Look at the monitor connected to the *Right Controller*. You will see the initial splash screen with text at the bottom stating to *Press to enter BIOS setup*. When you see this screen, immediately press the <DELETE> key on the keyboard attached to the *Right Controller*.



When you see the *BIOS Setup Utility* screen, you have successfully entered the *BIOS* mode on the *Right Controller*.

BIOS SETUP UTILITY				
Main	Advanced	Security	Boot	Exit
System Overview		Use [ENTER], [TAB] or [SHIFT-TAB] to select a field.		
System Time	[12:20:58]	Use [+] or [-] to configure system Time.		
System Date	[Tue 02/07/2012]			
Supermicro X8DTS				
BIOS Build Ver	:2.0c			
BIOS Build Date	:12/02/11			
Processor				
Intel(R) Xeon(R) CPU	E5504 @ 2.00GHz			
Speed	:2000MHz			
Physical Count	:1	↔ Select Screen		
Logical Count	:4	↑↓ Select Item		
System Memory		+- Change Field		
Size	:4096MB	Tab Select Field		
		F1 General Help		
		F10 Save and Exit		
		ESC Exit		
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Begin the Installation

You should see the *Welcome to AMI StorTrends ITX* screen on the monitor attached to the *Left Controller*. If not, you have to reset the power on your StorTrends 3400 storage appliance and start over (from the *Power On* section).

Press the <ENTER> to continue.

```
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Welcome to AMI StorTrends ITX.
To install on 3400i, press the <ENTER> key.

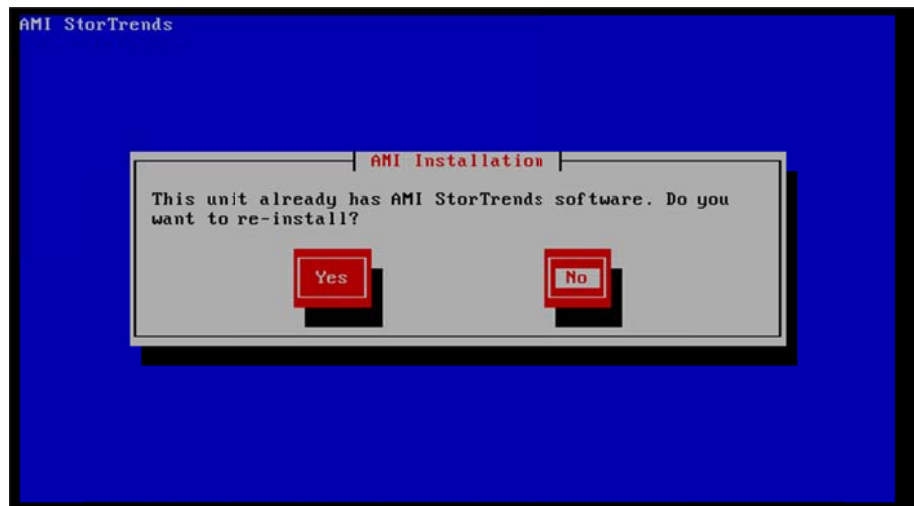
boot: _
```


Warning and Prompts

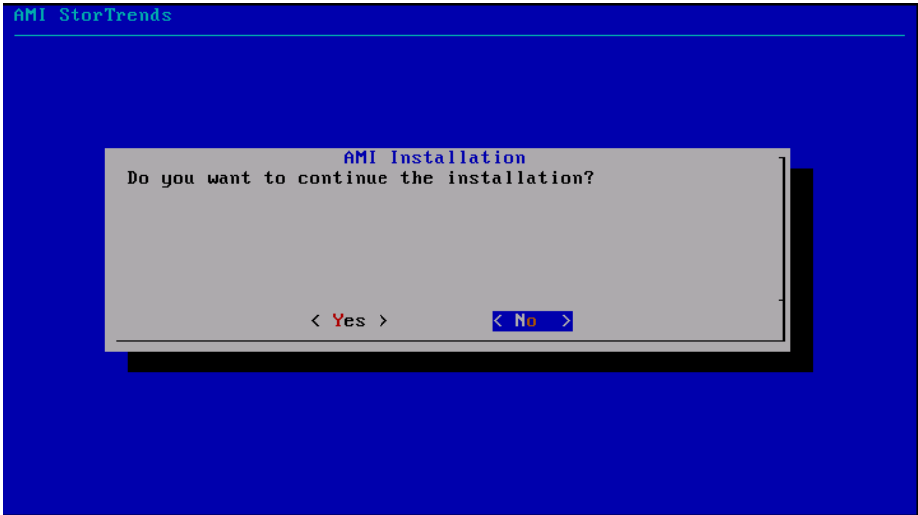
Before the StorTrends iTX installation begins, you may be prompted with various messages. See the following sections for more information.

AMI Installation Warning

If there is already an existing installation it will prompt you if you wish to perform a re-installation. A reinstallation will erase all existing data.

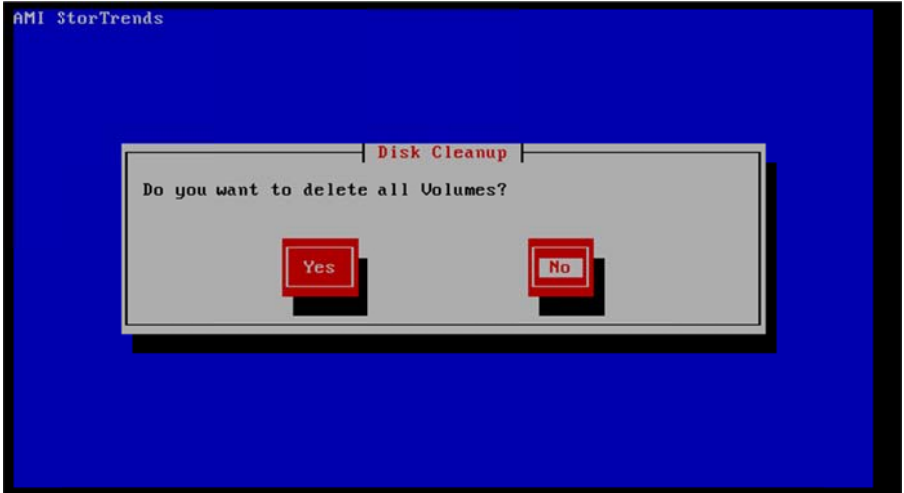


You are prompted to confirm that you want to install StorTrends iTX.



Note:

During a reinstallation, you will have the option to retain all Volume data. By default, "NO," is selected. You may be prompted with this message twice.



Installation Duration and Completion

The StorTrends iTX installation takes approximately 20 minutes. You will see various screens throughout the installation. Leave the system alone until the *StorTrends iTX Installation* is complete. Finally, you see the screen where it tells you that the installation is complete.



Press the <ENTER> key to reboot.

Congratulations!

You have successfully installed StorTrends iTX on your StorTrends storage appliance.

Take your *Right Controller* out of *BIOS* mode by SAVING AND EXITING (<F10> followed by the <S> key) or by selecting EXIT (<ESC> key). You should be good to go!