NDX 8 Series NAS–Replacing the Chassis

Transferring the Original Serial Number to the Replacement Chassis

> **IMPORTANT:** In order to preserve your warranty benefits and privileges, you must retain your NDX chassis' original serial number

Follow the step-by-step instructions below to attach the original system serial number to your replacement chassis.

Step 1: Find the system serial label on your NDX chassis. It will either be adhered to the chassis, as shown below:

P/N: X-XXXXX-XX   Assembled in United States   REV: REV
System Serial Number
System S/N: CX1234AFH12345

or inserted into a label holder as shown below.

P/N: X-XXXXX-XX   Assembled in United States   REV: REV
System Serial Number
System S/N: CX1234AFH12345

> **Note:** On the 1U chassis, the serial number is located on the top panel in the lower right corner.
> On the Tower Rack, the serial number is located on the back panel below the power supply and above the fan.

Step 2: Transfer the system serial number from the original chassis to the replacement chassis. How you do this depends on how the serial number is affixed to the original chassis.
If the label is easy to remove from the original chassis, remove it and attach it to the replacement chassis.
If the label is difficult to remove from the original chassis, copy the serial

number onto your own label and attach it to the replacement chassis, as shown below.
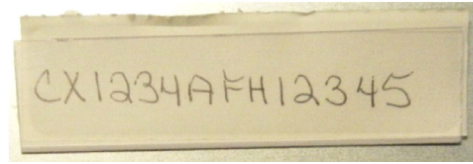

Replacing the NDX 8 Series NAS Chassis

To replace the NDX 8 Series NAS chassis follow the step-by-step instructions below.

1   Connect a USB flash drive with a capacity of at least 200 MB to the USB port of a computer running Microsoft Windows.
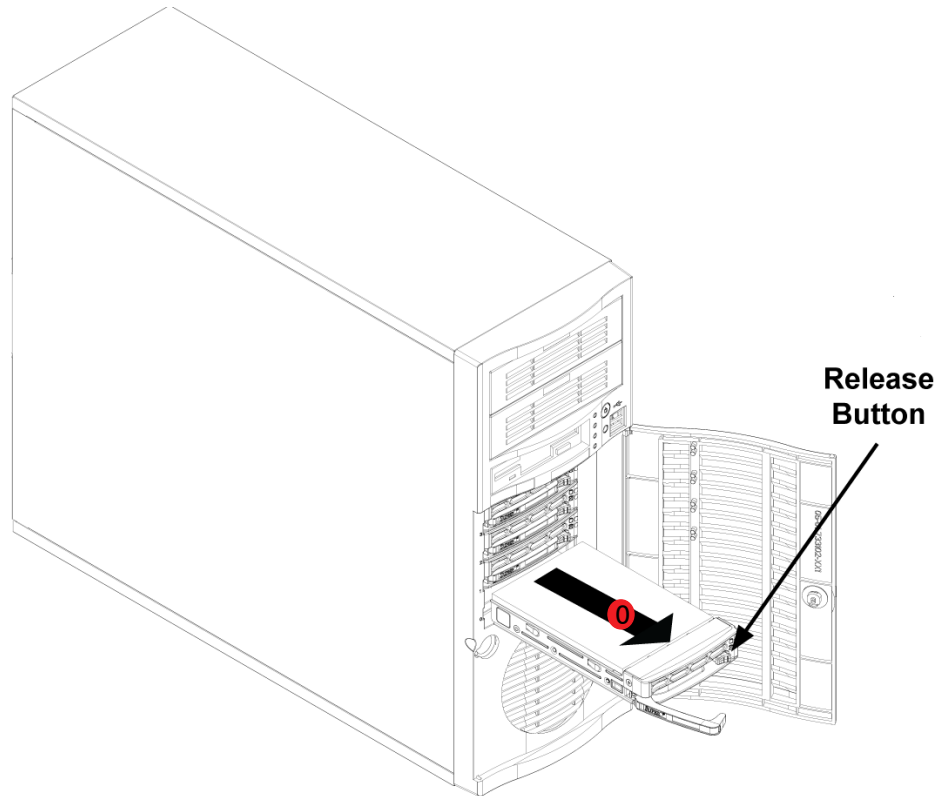

USB Port
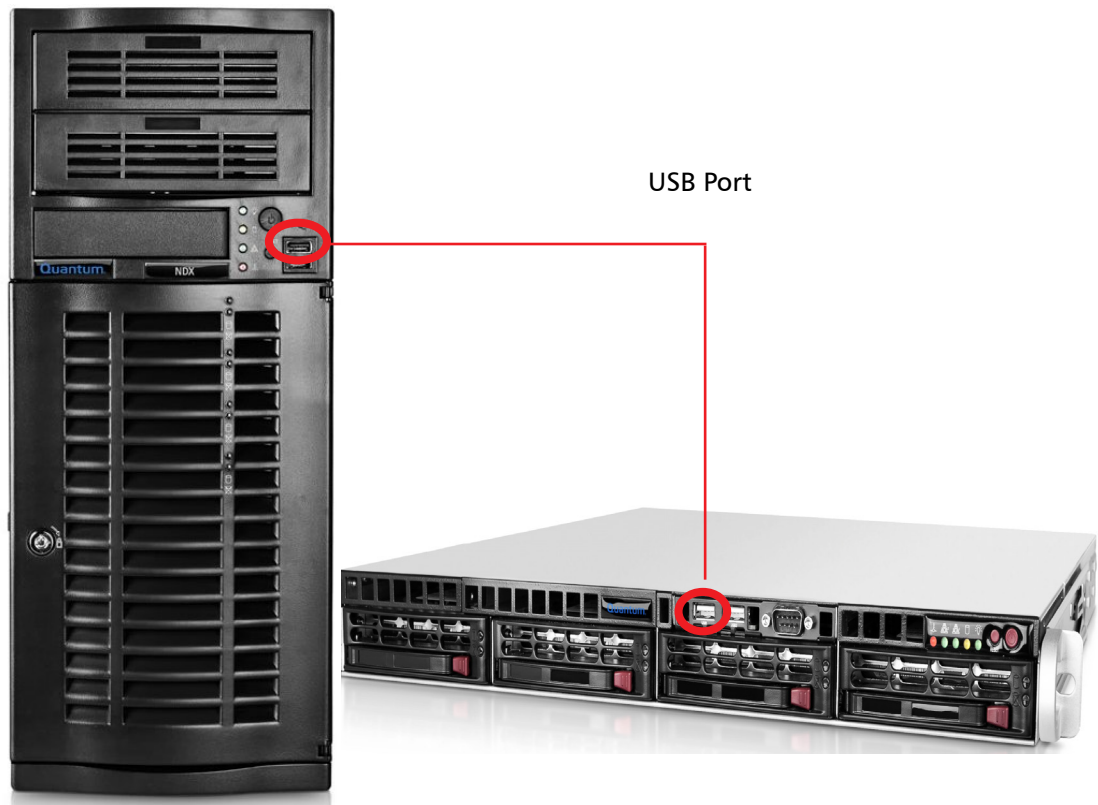
2   Open My Computer and right-click the USB drive. Select **Format**, and then from the File System drop-down list select **FAT 32** and select the **Quick Format** check box.

The Format Removable Disk screen displays.
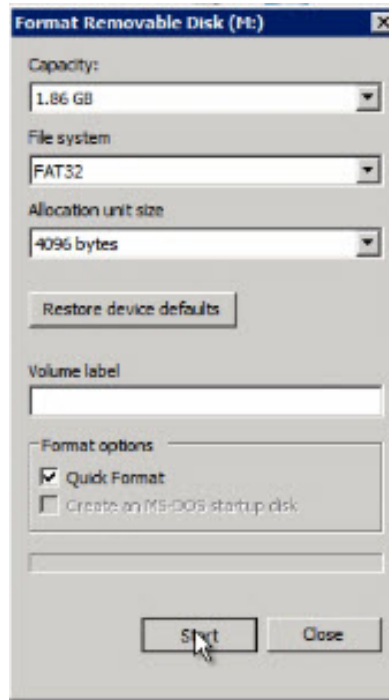
3 Click **Start**. When formatting is complete, click **Close**.

4 Copy the necessary chassis replacement utility files from their online location http://www.quantum.com/ServiceandSupport/SoftwareandDocumentationDownloads/NDX8/Index.aspx to the USB flash drive, and then eject the USB flash drive and disconnect it from the computer's USB port.

5 Turn off the NDX system whose chassis you are replacing and remove the hard drives. If the drives are not already labeled according to their position, use a pen to mark the drive position order (0, 1, 2, or 3) on the manufacturer's top center label of each drive.
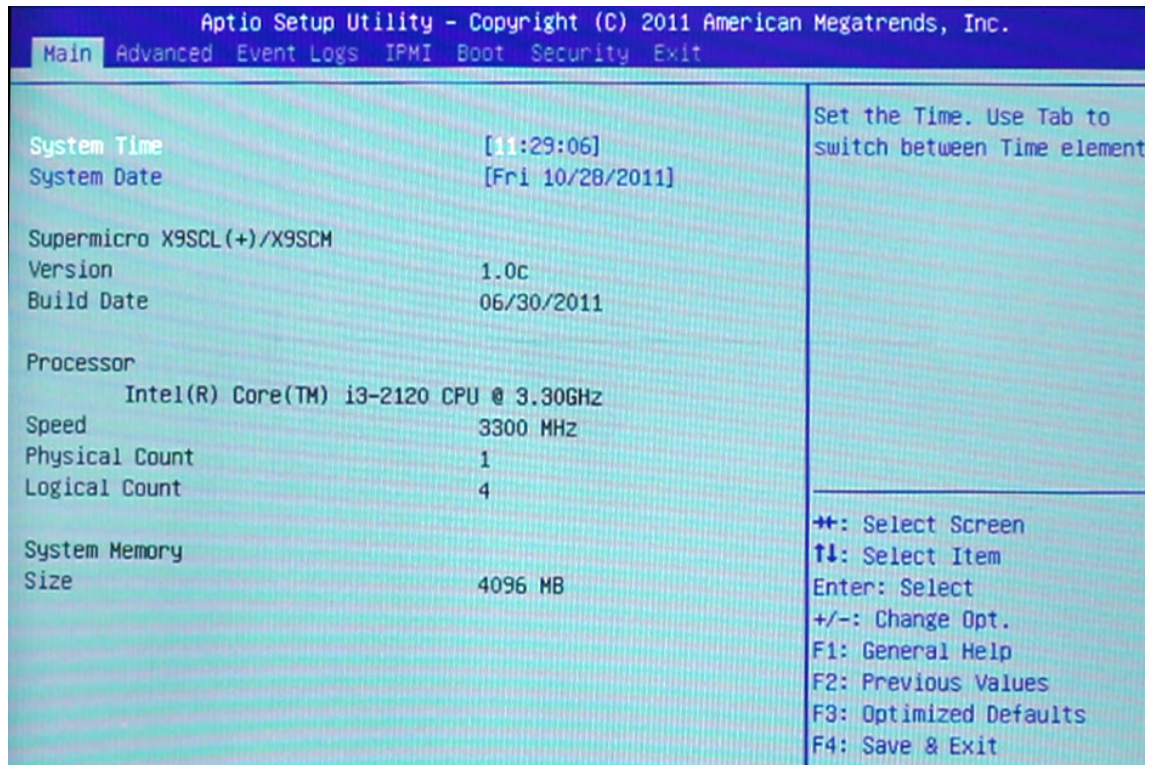
Note: On the tower unit, the 0 drive position is on bottom. On the rackmount unit, the 0 drive position is on the left.

Release Button
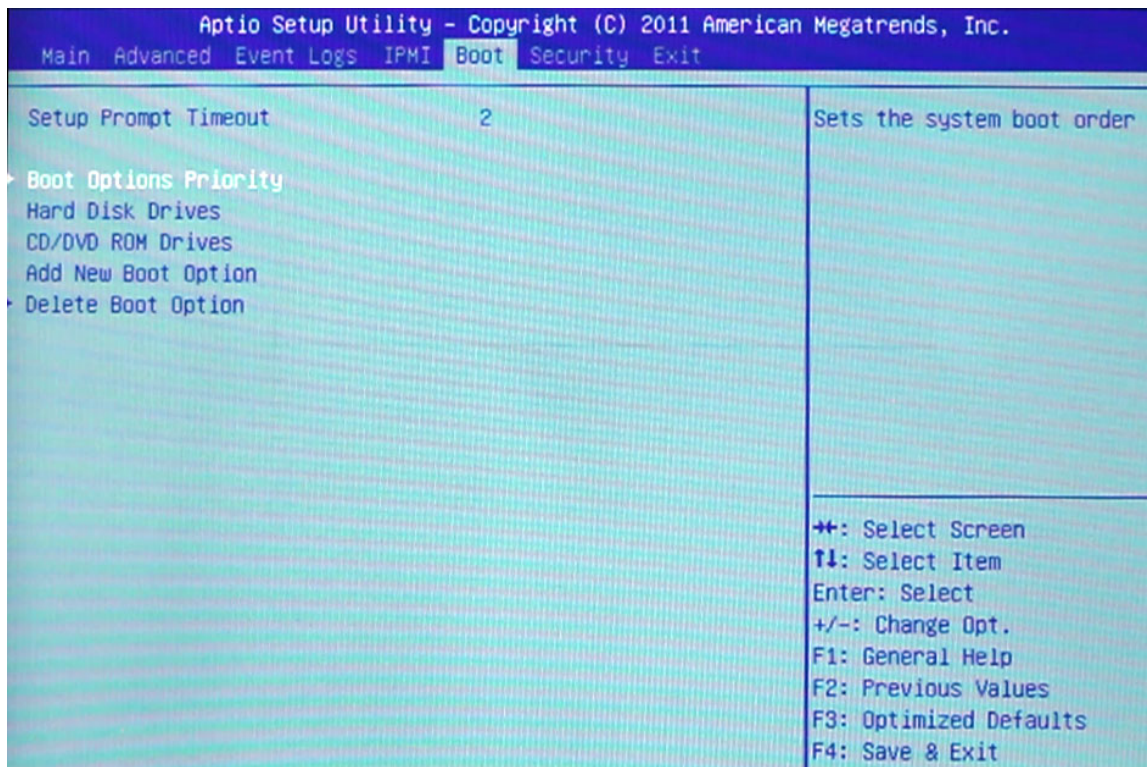
6 Move the failed server's hard drives to the new chassis in the same order as they came out of the old chassis.

7 Connect the USB flash drive to a USB port on the front of the server.

8 Power on the replacement system.

The Quantum logo displays for a few seconds. Then the Raid Configuration displays. Finally, the Quantum logo displays again.
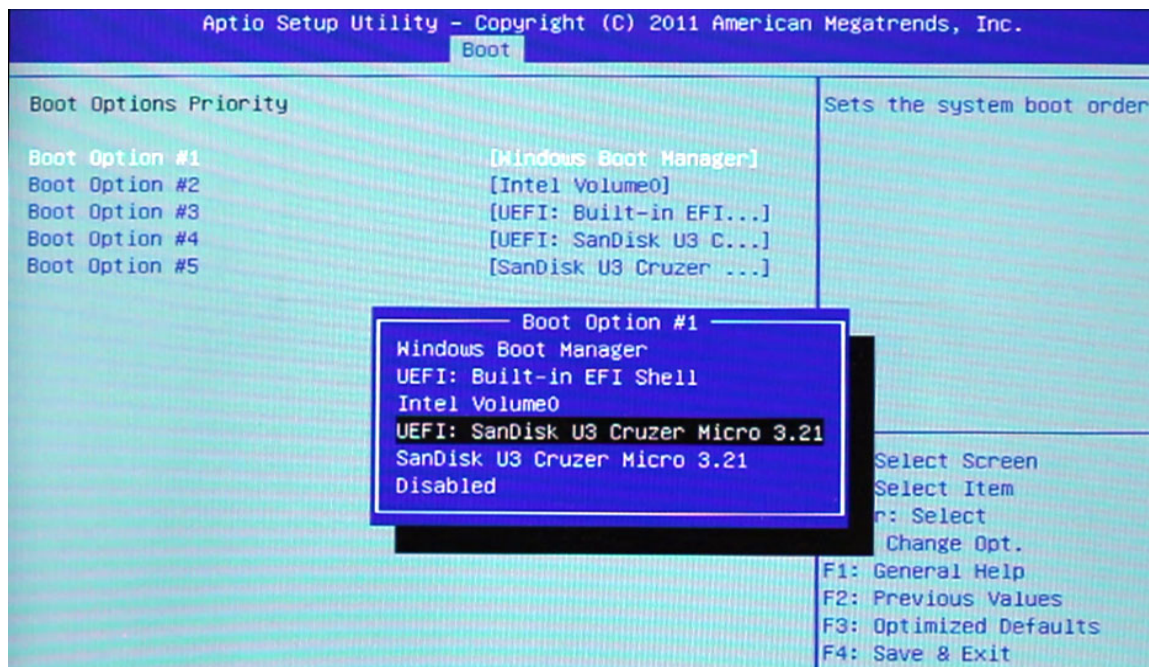
9 Press **Delete** when the Quantum logo first appears to enter the BIOS Setup
Utility.

```
         Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
  Main  Advanced  Event Logs  IPMI  Boot  Security  Exit

                                                            Set the Time. Use Tab to
  System Time                      [11:29:06]               switch between Time element
  System Date                      [Fri 10/28/2011]


  Supermicro X9SCL(+)/X9SCM
  Version                          1.0c
  Build Date                       06/30/2011

  Processor
         Intel(R) Core(TM) i3-2120 CPU @ 3.30GHz
  Speed                            3300 MHz
  Physical Count                   1
  Logical Count                    4
                                                           ─────────────────────────
  System Memory                                            ➛➛: Select Screen
  Size                             4096 MB                 ↑↓: Select Item
                                                           Enter: Select
                                                           +/-: Change Opt.
                                                           F1: General Help
                                                           F2: Previous Values
                                                           F3: Optimized Defaults
                                                           F4: Save & Exit
```

10 Use the right arrow key to select **Boot**.

```
         Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
   Main  Advanced  Event Logs  IPMI  Boot  Security  Exit

  Setup Prompt Timeout             2                        Sets the system boot order

▶ Boot Options Priority
  Hard Disk Drives
  CD/DVD ROM Drives
  Add New Boot Option
▶ Delete Boot Option








                                                           ─────────────────────────
                                                           ➛➛: Select Screen
                                                           ↑↓: Select Item
                                                           Enter: Select
                                                           +/-: Change Opt.
                                                           F1: General Help
                                                           F2: Previous Values
                                                           F3: Optimized Defaults
                                                           F4: Save & Exit
```

11 Use the down arrow key to select **Boot Options Priority** and press **Enter**.

12 Select **Boot Option #1** and press **Enter**.

13 Select **UEFI**: [name of USB flash drive], and then press **Enter.**

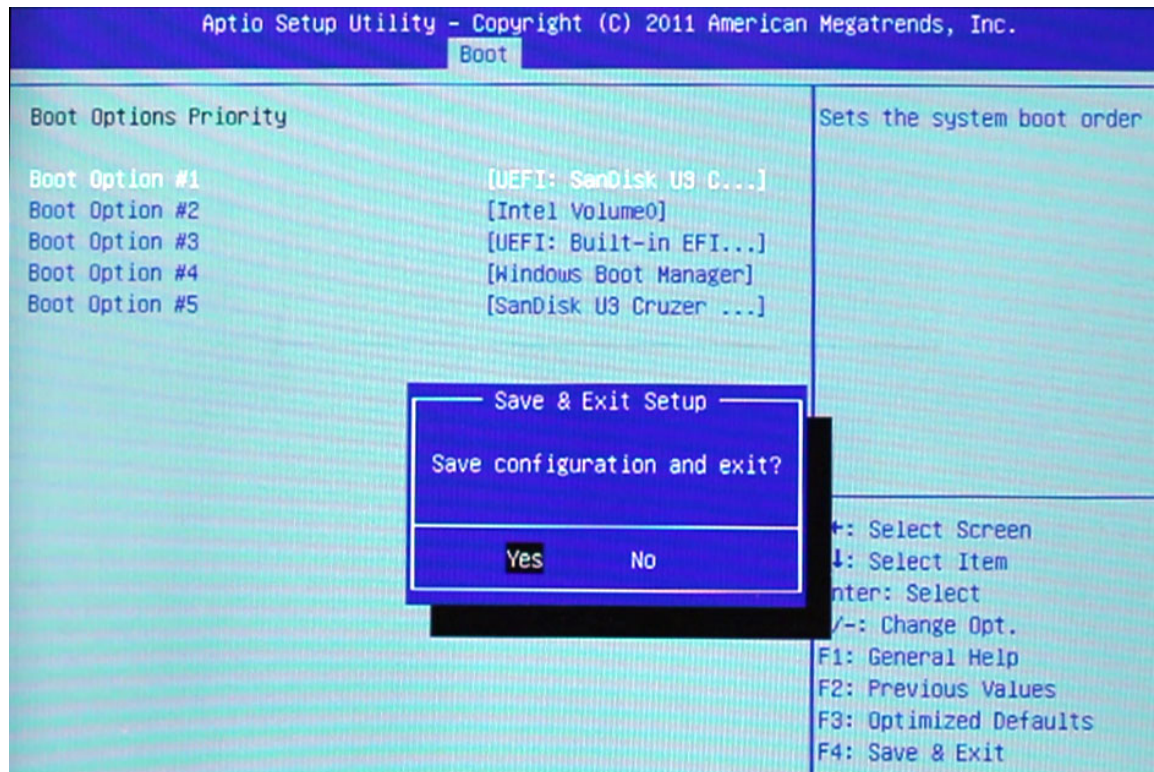14 Press **F4** to save and exit. When prompted, select **Yes** and press **Enter**.

The system boots into a Windows environment where a script automatically runs.

> **Note:** The script takes a few minutes to run and should not be interrupted.

Once the script has completed, the system reboots.

15 Immediately, disconnect the USB flash drive from the server's USB port.

> **Caution:** If you do not disconnect immediately the system boots from the USB flash drive again. If this happens, wait for the script to complete and for the system to reboot again.

The system finishes booting and loads the operating system.