

# Vista x64 Installation

## ***Installation Instructions***

- Unzip nforce\_vistax64RC1\_english.zip
- Before installing Vista-64, you might find it convenient to place these driver files onto a CD, DVD, or USB flash drive.
- If installing with RAID, you must copy the contents of the IDE\drivers\sataraid directory onto the root directory of your driver CD, DVD, USB drive, or floppy disc before booting the Vista installation DVD.
- Boot the Vista installation DVD.
- If RAID is not enabled in the System BIOS, then Vista will automatically install the internal IDE drivers. RAID will not be installed.
- If installing with RAID, continue the installation until you see the screen: “Where do you want to Install Windows?”
  - Insert the drivers CD, DVD, USB Flash drive, or Floppy disc and click the “Load Drivers” option.
  - Locate the “NVIDIA nForce™ RAID class controller” on the media of your choice, and click “Next.”
  - One or more hard drives will appear on the screen. Select the hard drive intended for installation and click “Next.”
  - When prompted, reinsert the Vista installation DVD and press “OK.”
- Continue Vista installation until complete.

**Note:** Some nForce4 Systems allow a mixture of Parallel ATA (PATA) and Serial ATA (SATA) drives in a RAID configuration. Such nForce4 systems are not supported in this Vista Beta-2 driver set. To determine if your nForce4 system allows such a mixture of PATA and SATA drives in a RAID array, enter the BIOS setup utility to check.

## ***Driver Installation Instructions***

During the course of Vista installation, not all device drivers will be installed. The actual uninstalled device drivers will depend on which nForce system you have. Below is a list of the nForce platforms, and a list of drivers not installed during Vista installation.

	nForce4 Series	nForce 430/410	nForce 500 Series
Audio	✗	✓	✓
Network	✓	✓	✓
Legacy RAID	✗ <sup>(3)</sup>	N/A	N/A
IDE Sata	N/A	N/A	N/A
SATA RAID	✗ <sup>(1)</sup>	✗ <sup>(1)</sup>	✗ <sup>(1)</sup>
RAIDTOOL	✗ <sup>(3)</sup>	✗ <sup>(3)</sup>	✗ <sup>(3)</sup>
SMBUS	✓	✗	✗
SMU	N/A	✗	✗ <sup>(2)</sup>

- Note 1:** Already installed if used during the boot process; otherwise not installed during normal Vista software installation.
- Note 2:** SMU for nForce 500 Series may show up as an uninstalled device. Installation for this driver is not supported at this time.
- Note 3:** Installation instructions will be provided on an as-needed basis.

## ***Individual Driver Installation Instructions***

Uninstalled device drivers can be found by entering the device manager in the System option of Control Panel. Each uninstalled driver in device manager by a yellow “bang” (exclamation point!). To enter device manager to check for uninstalled rivers, follow these instructions:

- (1) Click “Start” → Control Panel
- (2) If you are not already viewing “Classic View,” switch to “Classic View” (upper left corner).
- (3) Click on “System”
- (4) Click on “Device Manager.”
- (5) In the Device Manager, each uninstalled device driver will appear with a yellow “!” next to it.

Instructions for installing drivers for each uninstalled device appear below.

### **Device: “MultiMedia Audio Controller”**

- (1) Place the mouse on the “MultiMedia Audio Controller” device and right-click the mouse button.
- (2) Select “Update driver software.”
- (3) Select “Browse my computer for driver software.”
- (4) Make sure the “Include subdirectories” box is checked.
- (5) Insert the driver CD and click the “Browse” button.
- (6) Located the “Audio” folder in the driver CD. Select the “Audio” folder using the left mouse button.
- (7) Click “Next.”
- (8) If you get a message indicating that the publisher could not be verified, click “Install.”
- (9) Your driver is now installed. Click “Close” and all of the audio devices in device manager will be filled in.

### **Device: “SM Bus Controller”**

- (1) Place the mouse on the “SM Bus Controller” device and right-click the mouse button.
- (2) Select “Update driver software.”
- (3) Select “Browse my computer for driver software.”
- (4) Make sure the “Include subdirectories” box is checked.
- (5) Insert the driver CD and click the “Browse” button.
- (6) Located the “SMBus” folder in the driver CD. Select the “SMBus” folder using the left mouse button.
- (7) Click “Next.”
- (8) If you get a message indicating that the publisher could not be verified, click “Install.”
- (9) Your driver is now installed. Click “Close.”

### **Device: “Coprocessor”**

- (1) Place the mouse on the “Coprocessor” device and right-click the mouse button. This is the NVIDIA SMU device.
- (2) Select “Update driver software.”
- (3) Select “Browse my computer for driver software.”
- (4) Make sure the “Include subdirectories” box is checked.
- (5) Insert the driver CD and click the “Browse” button.
- (6) Located the “SMU” folder in the driver CD. Select the “SMU” folder using the left mouse button.
- (7) Click “Next.”
- (8) If you get a message indicating that the publisher could not be verified, click “Install.”
- (9) Your driver is now installed. Click “Close.”

### **Device: “RAID Controller”**

- (1) Place the mouse on the “RAID Controller” device and right-click the mouse button.
- (2) Select “Update driver software.”
- (3) Select “Browse my computer for driver software.”
- (4) Make sure the “Include subdirectories” box is checked.
- (5) Insert the driver CD and click the “Browse” button.
- (6) Located the “IDE” folder on the driver CD. Select the “IDE” folder using the left mouse button.
- (7) If more than one driver appears, select the driver from  
    \ide\driver\sataraid\nvr dx64.inf.
- (8) Click “Next.”
- (9) If you get a message indicating that the publisher could not be verified, click “Install.”
- (10) Your driver is now installed. Click “Close.”
- (11) This procedure must be repeated for each “RAID Controller” in the system.

### **Device: “Unknown Device”**

- (1) Place the mouse on the “Unknown Device” device and right-click the mouse button. This “Unknown Device” is part of the RAID Controller.
- (2) Select “Update driver software.”
- (3) Select “Browse my computer for driver software.”
- (4) Make sure the “Include subdirectories” box is checked.
- (5) Insert the driver CD and click the “Browse” button.
- (6) Located the “IDE” folder on the driver CD. Select the “IDE” folder using the left mouse button.
- (7) If more than one driver appears, select the driver from  
    \ide\driver\sataraid\nvr dx64.inf.
- (8) Click “Next.”
- (9) If you get a message indicating that the publisher could not be verified, click “Install.”
- (10) Your driver is now installed. Click “Close.”