



**FORCEWARE GRAPHICS AND
NFORCE DRIVERS**

Driver Install/ Uninstall Switches

for Windows

**NVIDIA Corporation
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CHAPTER

1

NVIDIA INSTALL/UNINSTALL SWITCHES

This document is intended for OEMs to describe how to customize the driver installation and uninstallation process, and contains the following sections:

- “NVIDIA nForce Package Install/Uninstall Switches” on page 3
- “NVIDIA Graphics Driver Install/Uninstall Switches” on page 5

NVIDIA nFORCE PACKAGE INSTALL/ UNINSTALL SWITCHES

This section lists the supported switches for use with the command line installation command **setup.exe**, for NVIDIA nForce drivers. These switches are optional, although some switches require the inclusion of other specific switches.

- “nForce Drivers for Windows 2000/XP” on page 3
- “nForce Drivers for Windows 98/ME” on page 4

nForce Drivers for Windows 2000/XP

Basic Switches

Switch	Description
-h "x"	Specifies the horizontal resolution x to set the display when installation is complete. <ul style="list-style-type: none"> • <i>This must be used in conjunction with -v "y".</i> • <i>This switch is functional only when the graphics driver is included in the package.</i>
-v "y"	Specifies the vertical resolution y to set the display when installation is complete. <ul style="list-style-type: none"> • <i>This must be used in conjunction with -h "x".</i> • <i>This switch is functional only when the graphics driver is included in the package.</i>
-b "c"	Specifies the color depth c (in bpp) to set the display when installation is complete. <i>This switch is functional only when the graphics driver is included in the package.</i>
-j "f"	Specifies the refresh rate f (in Hz) to set the display when installation is complete. <i>This switch is functional only when the graphics driver is included in the package.</i>
-k	Does not reboot the system when finished..

Switch	Description
-s	Silent installation—no installation messages are displayed during installation. <i>This switch must always be the last item on the command line.</i>
Example:	To configure your monitor for 800x600 at 75 Hz, 16 bits per pixel, enter the command line as follows: <code>setup -h"800" -v"600" -b"16" -j"75" -s</code>

Advanced Switches

Warning: Using the switches listed below can result in undesirable side-effects.

Switch	Description
-i	Turns off Welcome and Reboot dialogs, and does not reboot when finished.
-installide	Forces installation of the NVIDIA IDE driver. <i>This switch is required if installing the NVIDIA IDE driver in silent mode</i>
-raidapp	Forces installation of NVIDIA MediaShield
-nodxcheck	Turns off the check for DirectX 9 for NvMixer.

nForce Drivers for Windows 98/ME

Basic Switches

Switch	Description
-k	Do not reboot the system when finished..
-s	Silent installation—no installation messages are displayed during installation. <i>This switch must always be the last item on the command line.</i>

Advanced Switches

Warning: Using the switches listed below can result in undesirable side-effects.

Switch	Description
-i	Turns off Welcome and Reboot dialogs, and does not reboot when finished.
-nodxcheck	Turns off the check for DirectX 9 for NvMixer.

CHAPTER

3

NVIDIA GRAPHICS DRIVER INSTALL/UNINSTALL SWITCHES

This section lists the supported switches for use with the command line installation command **setup.exe**, for NVIDIA graphics drivers. These switches are optional, although some switches require the inclusion of other specific switches.

- “Graphics Drivers for Windows NT 4.0” on page 5
- “Graphics Drivers for Windows 2000/XP” on page 6
- “Graphics Drivers for Windows 98/ME” on page 7
- “Silently Uninstalling the NVIDIA Graphics Driver” on page 7

Graphics Drivers for Windows NT 4.0

Basic Switches

Switch	Description
-h "x"	Specifies the horizontal resolution x to set the display when installation is complete. <i>This must be used in conjunction with -v "y".</i>
-v "y"	Specifies the vertical resolution y to set the display when installation is complete. <i>This must be used in conjunction with -h "x".</i>
-b "c"	Specifies the color depth c (in bpp) to set the display when installation is complete.
-j "f"	Specifies the refresh rate f (in Hz) to set the display when installation is complete.
-a "n"	Specifies the NVIDIA graphics card—as described in the INF—to install. <i>This must be used when running a silent installation (-s switch).</i>

Switch	Description
-s	Silent installation—no installation messages are displayed during installation. <ul style="list-style-type: none"> • This switch must always be the last item on the command line. • This switch requires that the -a"n" switch is included.
Example:	To configure your monitor for 800x600 at 75 Hz, 16 bits per pixel, enter the command line as follows: <pre>setup -h"800" -v"600" -b"16" -j"75" -a"NVIDIA Quadro2 MXR" -s</pre>

Advanced Switches

Warning: Using the switches listed below can result in undesirable side-effects.

Switch	Description
-i	Turns off Welcome and Reboot dialogs, and does not reboot when finished.

Graphics Drivers for Windows 2000/XP

Basic Switches

Switch	Description
-h" x"	Specifies the horizontal resolution x to set the display when installation is complete. <i>This must be used in conjunction with -v"y".</i>
-v" y"	Specifies the vertical resolution y to set the display when installation is complete. <i>This must be used in conjunction with -h"x".</i>
-b" c"	Specifies the color depth c (in bpp) to set the display when installation is complete.
-j" f"	Specifies the refresh rate f (in Hz) to set the display when installation is complete.
-k	Force a reboot after completing the installation. (In some OEM driver versions, this switch has the opposite meaning—it causes a reboot to <i>not</i> occur.)
-n	Do not reboot after completing the installation. (In some OEM driver versions, this switch has the opposite meaning—it forces a reboot.)
-s	Silent installation—no installation messages are displayed during installation. <i>This switch must always be the last item on the command line.</i>
Example:	To configure your monitor for 800x600 at 75 Hz, 16 bits per pixel, enter the command line as follows: <pre>setup -h"800" -v"600" -b"16" -j"75" -s</pre>

Advanced Switches

Warning: Using the switches listed below can result in undesirable side-effects.

Switch	Description
<code>-i</code>	Turns off Welcome and Reboot dialogs, and does not reboot when finished.
<code>-nowdmwait</code>	Normally, if WDM drivers are being installed along with the display drivers, the installation waits until the WDM drivers generate certain registry keys before continuing. This command line switch disables the wait period.
<code>-nodxcheck</code>	Turns off the check for DirectX 9.
<code>-nocheckforprevious</code>	Bypass any checks for a previous driver version.

Graphics Drivers for Windows 98/ME

Basic Switches

Switch	Description
<code>-s</code>	Silent installation—no installation messages are displayed during installation. <i>This switch must always be the last item on the command line.</i>

Advanced Switches

Warning: Using the switches listed below can result in undesirable side-effects.

Switch	Description
<code>-i</code>	Turns off Welcome and Reboot dialogs, and does not reboot when finished.

Silently Uninstalling the NVIDIA Graphics Driver

Locate the NVIDIA uninstall executable `nvudisp.exe`.

The command line to enter to perform a silent uninstall is as follows:

```
nvudisp call nvdisp.nvu,UninstallSilent
```