Checking Windows Bit Version

This document will help you to find out if your Windows Vista, XP, 7, 2003, 2008 System is 32-bit or 64-bit (x86 or x64). Depending on your Windows version, you need to obtain the 32-bit or 64-bit CDP software installer.

Locate the operating system that is running on your computer, and then follow the steps to determine the bit count of your operating system.

Windows Vista | Microsoft Windows XP Professional | Microsoft Windows Server 2003 | Windows 7 | Windows Server 2008 | Windows Server 2008 R2 | Windows Server 2008 Server Core

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Windows Vista

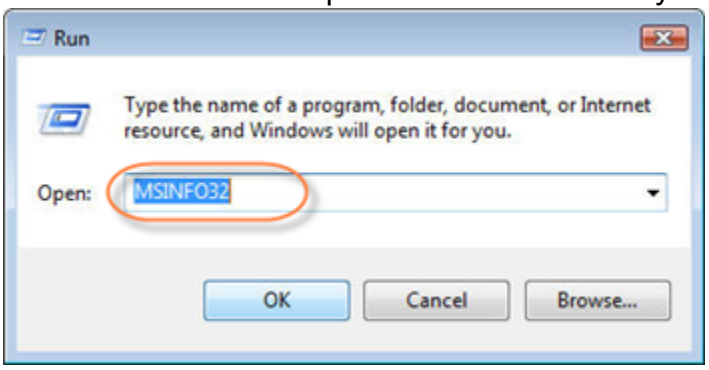
If you have Windows Vista, there are three methods to determine whether you are running a 32-bit or a 64-bit version. Follow the instructions below to check a version of Windows you are installing into.

Method 1 - Using msinfo32

1. Click "Start."
2. Then click on "Run" or "Start Search."
3. Type:

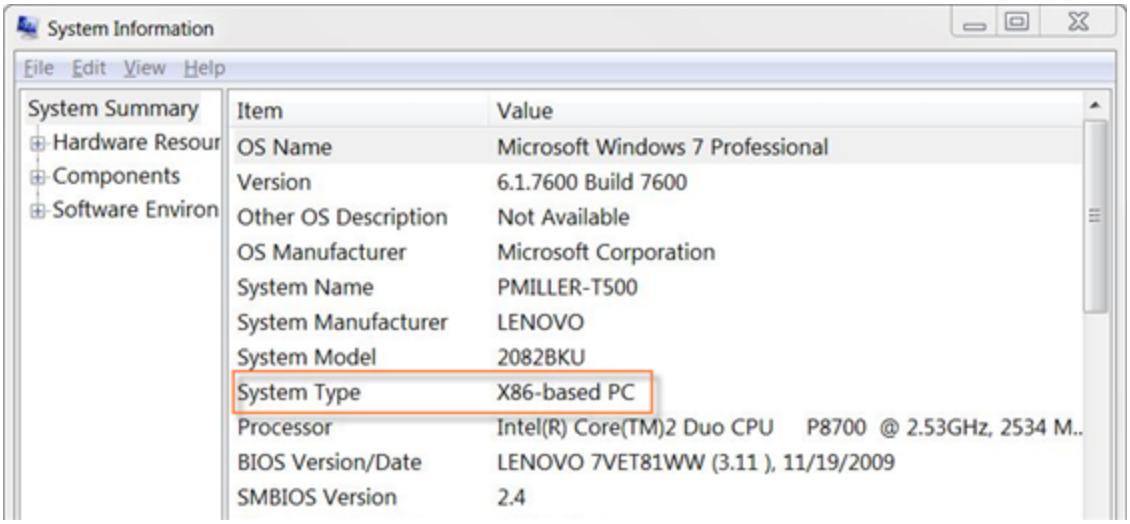
```
msinfo32.exe
```

And then click "OK" or press the <ENTER> key.

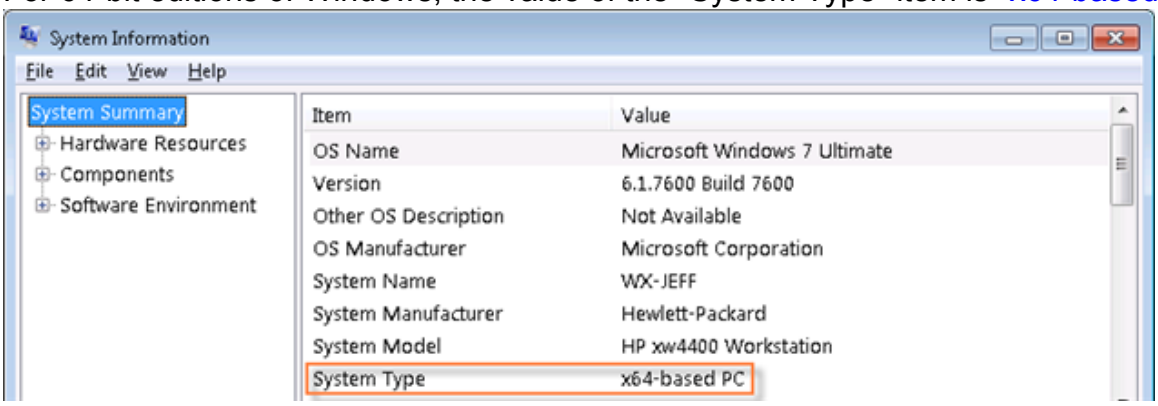


4. In the displayed "System Information" window, review the value for the System Type item:

- For 32-bit editions of Windows, the value of the "System Type" item is "x86-based PC."



- For 64-bit editions of Windows, the value of the "System Type" item is "x64-based PC."

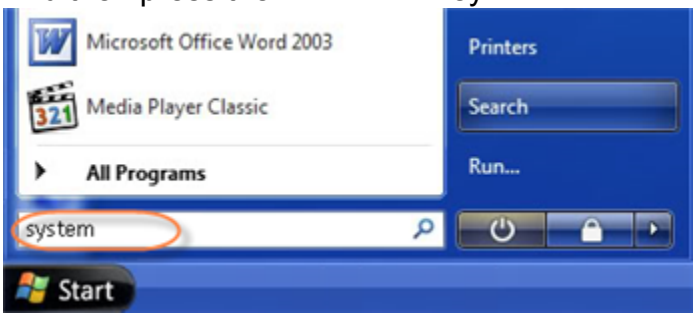


Method 2 - Using System Window

1. Click "Start."
2. In the "Start Search" box, type:

```
system
```

And then press the <ENTER> key.



3. Then click "System" in the "Programs" list.
4. The operating system appears as follows:

- For a 64-bit version operating system: "64-bit Operating System" appears for the "System

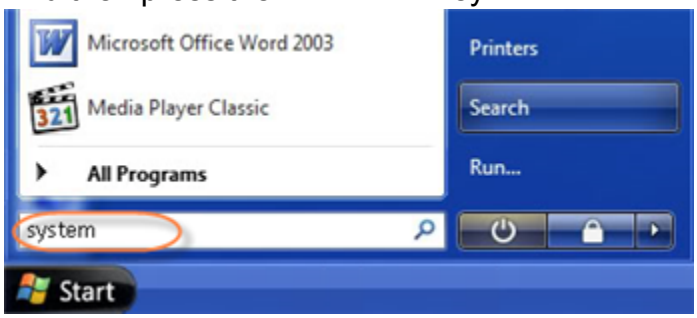
type" under "System."
- For a 32-bit version operating system: "32-bit Operating System" appears for the "System type" under "System."

Method 3 - Using System Summary

1. Click "Start."
2. In the "Start Search" box, type:

```
system
```

And then press the <ENTER> key.



3. Then click "System Information" in the "Programs" list.
4. When "System Summary" is selected in the navigation pane, the operating system is displayed as follows:

- For a 64-bit version operating system: "x64-based PC" appears for the "System type" under "Item."
- For a 32-bit version operating system: "x86-based PC" appears for the "System type" under "Item."

Microsoft Windows XP Professional

If you have Windows XP, there are three methods to determine whether you are running a 32-bit or a 64-bit version.

Method 1 - Using msinfo32

Follow the instructions below to use msinfo32.exe.

1. Click "Start."
2. Then click on "Run" or "Start Search."
3. Type:

```
msinfo32.exe
```

And then press the <ENTER> key.
4. In the displayed "System Information" window, review the value for the System Type item:

- For 32-bit editions of Windows, the value of the "System Type" item is "x86-based PC."
- For 64-bit editions of Windows, the value of the "System Type" item is "x64-based PC."

Method 2 - Using sysdm

Some versions of Windows XP do not have msinfo32.exe installed. For such versions, follow the instructions below.
1. Click "Start."
2. Click "Run."
3. Type:

```
sysdm.cpl
```

And then click "OK."
4. Click the "General" tab. The operating system appears as follows:

- For a 64-bit version operating system: "Microsoft Windows XP Professional x64 Edition" appears under "System."

- For a 32-bit version operating system: "Microsoft Windows XP Professional" appears under "System."

Method 3 - Using winsd

1. Click "Start."
2. Click "Run."
3. Type:

```
winmsd.exe
```

And then click "OK."
4. In the details pane, locate Processor under Item. Note the value.

- If the value that corresponds to Processor starts with "x86," the computer is running a 32-bit version of the Windows operating system.
- If the value that corresponds to Processor starts with "ia64" or "AMD64," the computer is running a 64-bit version of the Windows operating system.

Microsoft Windows Server 2003

If you have Windows Server 2003, there are two methods to determine whether you are running a 32-bit or a 64-bit version.

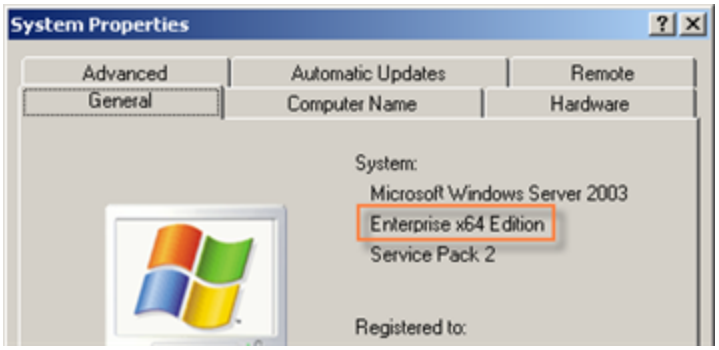
Method 1 - Using sysdm

1. Click "Start."
2. Click "Run."
3. Type:

```
sysdm.cpl
```

And then click "OK."
4. In the "System Properties" window, go to the "General" tab.
5. The operating system appears as follows:

- For a 64-bit version operating system: "Microsoft Windows Server 2003 Enterprise x64 Edition" appears under "System."



- For a 32-bit version operating system: "Microsoft Windows Server 2003 Enterprise Edition" appears under "System."

Method 2 - Using winmsd

Using winmsd.exe provides a more detailed output of the operating system.

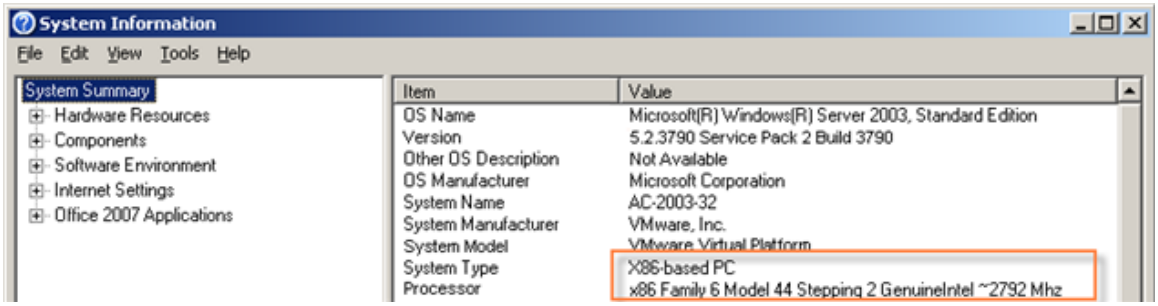
1. Click "Start."
2. Click "Run."
3. Type:

```
winmsd.exe
```

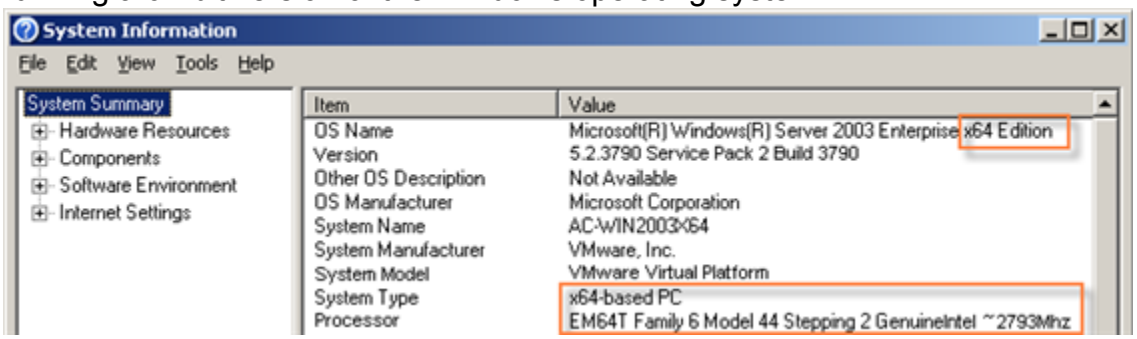
And then click "OK."

4. In the details pane, locate Processor under Item. Note the value.

- If the value that corresponds to Processor starts with "x86," the computer is running a 32-bit version of the Windows operating system.



- If the value that corresponds to Processor starts with "EM64T" or "ia64," the computer is running a 64-bit version of the Windows operating system.



Windows 7

To find out if your computer is running a 32-bit or 64-bit version of Windows 7, do the following:

Method 1 - Using the Computer Properties

> **Note**
> Works for Windows 7 and Windows Vista.

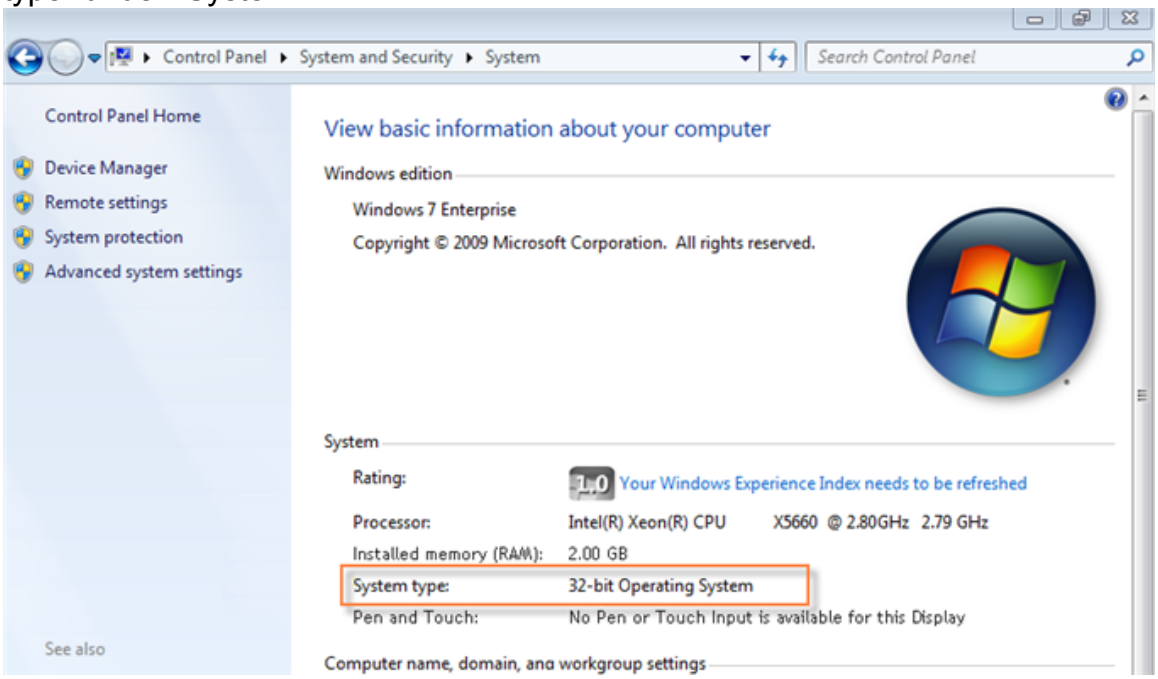
1. Click "Start."
2. Right-click "Computer."
3. Then click "Properties."
4. Under "System," you can view the system type.

Method 2 - Using the System Screen in Control Panel

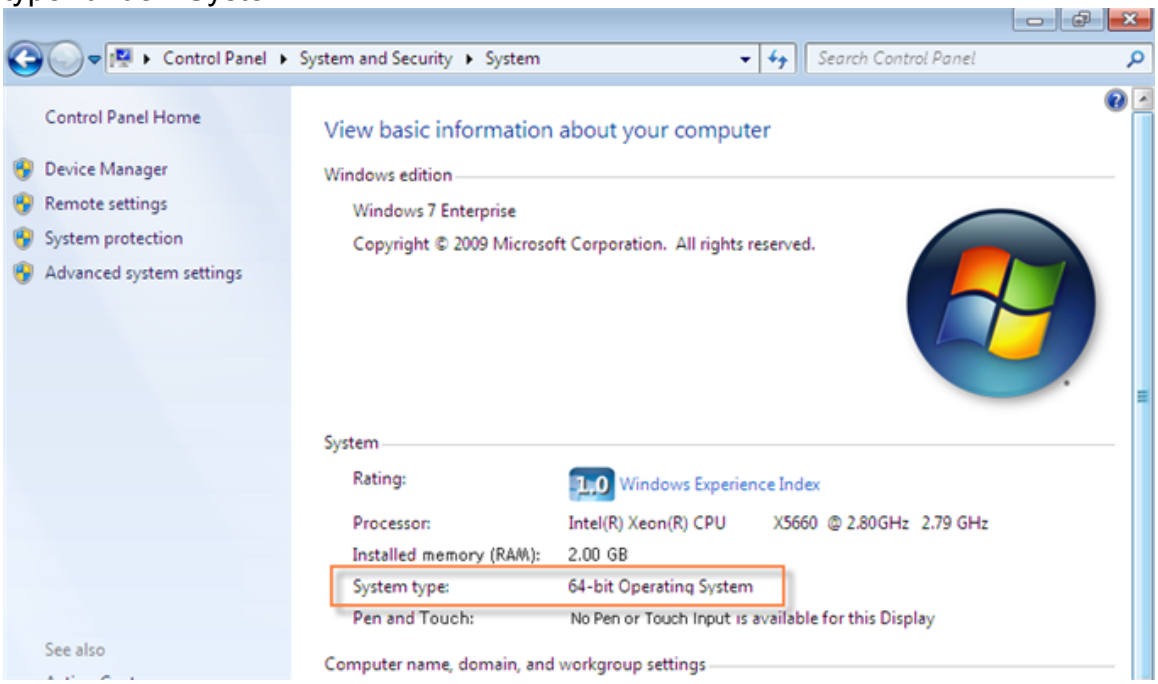
1. Access the "Control Panel."
2. Select "System & Security."
3. Then select "System."
4. Under "System," you can view the system type. The operating system appears as follows:

- For a 32-bit version operating system: "32-bit Operating System" appears for the "System

type" under "System."



- For a 64-bit version operating system: "64-bit Operating System" appears for the "System type" under "System."



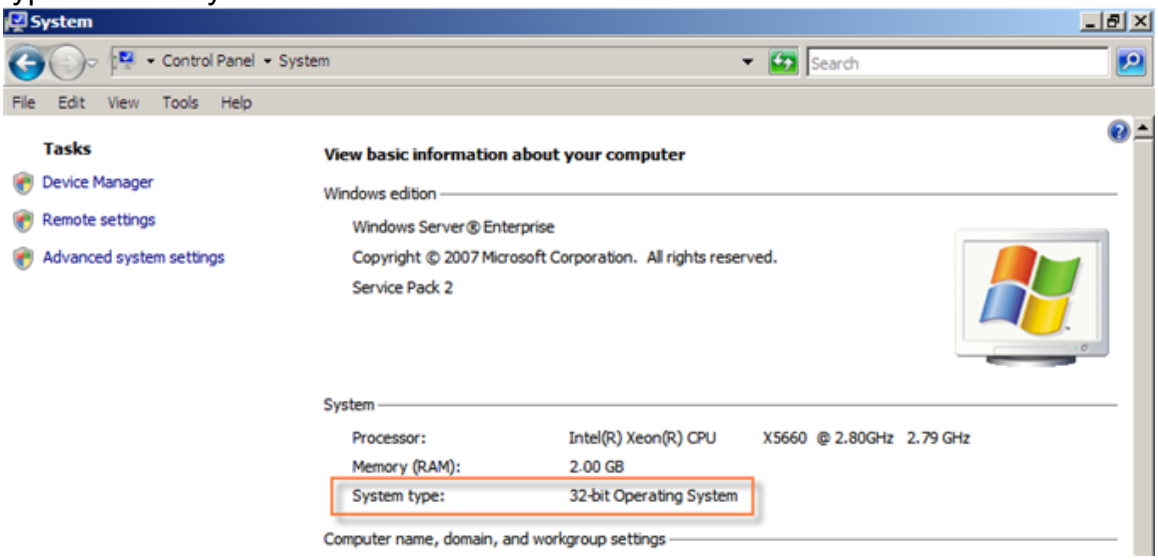
Windows Server 2008

To find out if your computer is running a 32-bit or 64-bit version of Windows Server 2008, do the following:

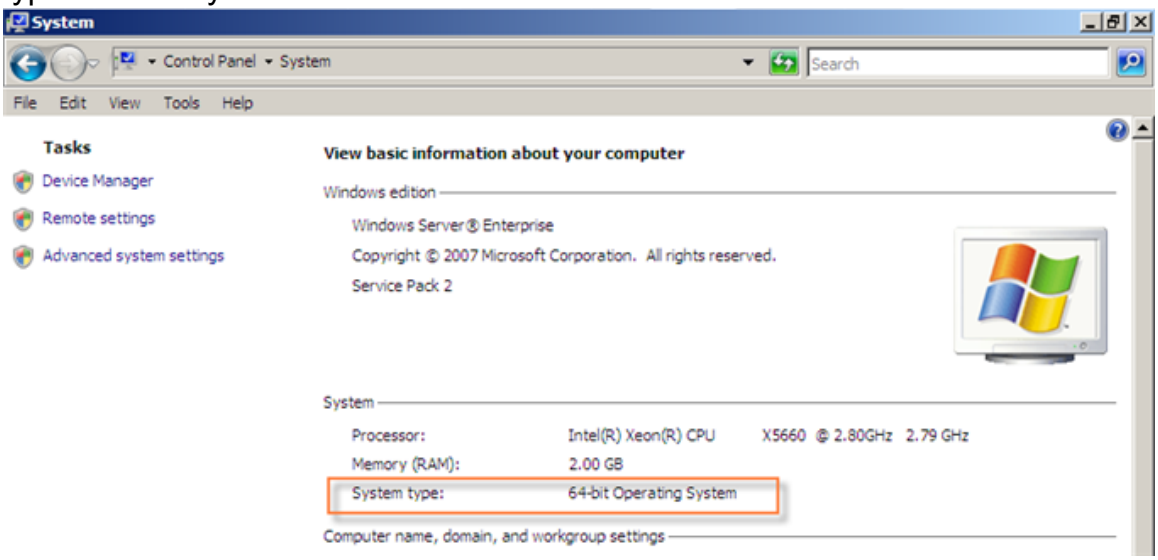
1. Access the Control Panel.
2. Click "System."

3. The operating system appears as follows:

- For a 32-bit version operating system: "32-bit Operating System" appears for the "System type" under "System."



- For a 64-bit version operating system: "64-bit Operating System" appears for the "System type" under "System."



Windows Server 2008 R2

Windows Server 2008 R2 is only available in 64-bit.

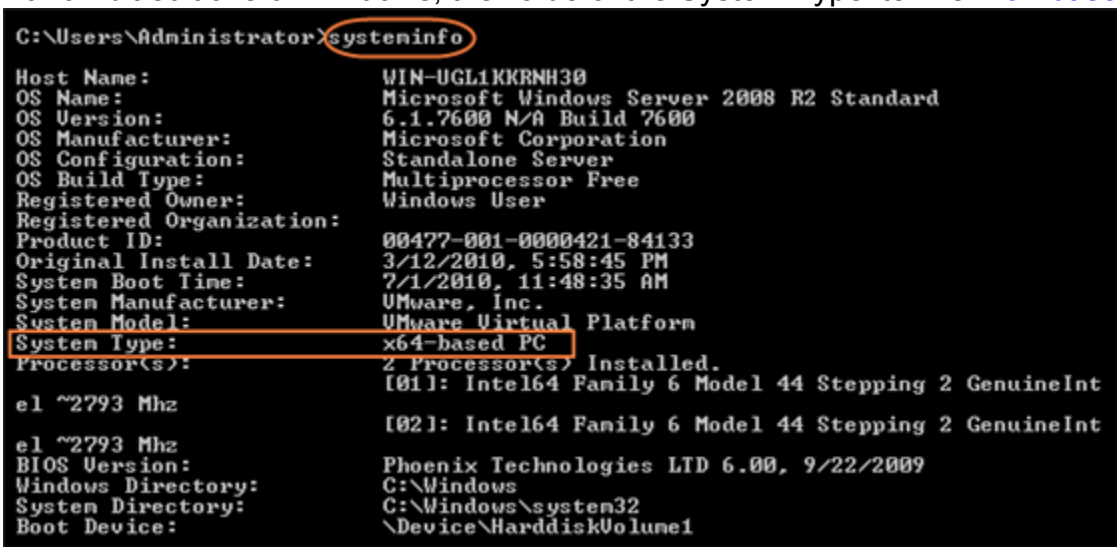
Windows Server 2008 Server Core

Server Core is a minimal server installation option for computers running on the Windows Server 2008 operating system or later. Server Core provides a low-maintenance server

environment with limited functionality. Server Core requires Windows Server 2008 or later.

1. Click "Start." Then click on "Run" or "Start Search."
2. Type:

```
systeminfo
```

And then press the <ENTER> key.
3. In "System Information", review the value for the System Type item:

- For 32-bit editions of Windows, the value of the System Type item is "x86-based PC."
- For 64-bit editions of Windows, the value of the System Type item is "x64-based PC."