

## Re: 3D hardware acceleration

**Source:**

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.games/2004-12/0072.html>

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**From:** Chris H. (*winxpnews\_at\_hotmail.com*)

**Date:** 12/03/04

Date: Fri, 3 Dec 2004 10:12:19 -0800

If the hardware you have on the system won't handle the graphics requirements of the game, there is no "download" which will give you new hardware. You need to check out the capabilities of the system, determine if you could add a regular graphics card in there and then be able to do what you want. It is like a lot of the laptop computers, where the graphics display is sharing memory from the computer processes and isn't "real." The graphics look okay, but when you need such things as 3D or T&L support, you need the more "advanced" graphics cards which will support those types of games.

One of my daughters seriously wants Sims2, however her computer – used for homework and chatting (not necessarily in that order) has onboard graphics, an older Pentium 800 processor and only 256 MB of RAM. There is no way, short of replacing her system, she can run that game.

--

Chris H.

Microsoft Windows MVP/Tablet PC

Tablet Creations - <http://nicecreations.us/>

Associate Expert

Expert Zone - [www.microsoft.com/windowsxp/expertzone](http://www.microsoft.com/windowsxp/expertzone)

"sc0tt" <sc0tt@discussions.microsoft.com> wrote in message

news:B9120D46-DF70-484D-B519-050F72E6BCC6@microsoft.com...

> So there's no way of just downloading updates or anything like that? My

> other

> computer was much older than this one but I never had any problems playin

> games. AIM games and games from yahoo or anywhere worked fine, I don't

> understand these things you call computers.

>

> "Chris H." wrote:

>

>> You've apparently got onboard (part of the motherboard) graphics, with

>> only

>> 4 MB dedicated to it. The machine itself seems to be way out of date

>> with

>> updates, and you're limited by not having a real graphics card with full

>> support. You might want to check to see if you're got an AGP slot in the

>> system, and purchase a real card.

>> --

>> Chris H.

>> Microsoft Windows MVP/Tablet PC

>> Tablet Creations - <http://nicecreations.us/>

## microsoft.public.windowsxp.games: Re: 3D hardware acceleration

```
>> Associate Expert
>> Expert Zone - www.microsoft.com/windowsxp/expertzone
>>
>>
>> "sc0tt" <sc0tt@discussions.microsoft.com> wrote in message
>> news:3800455B-7AD7-4841-82E7-E4B82939C400@microsoft.com...
>> > My brother just gave me his old computer cuz mine crashed. I tried
>> > playin
>> > games at games.yahoo.com but cant. Then i tried downloadin games from
>> > AIM
>> > with the game chooser icon. Everything downloaded ok but when i try
>> > playin
>> > any of um a Driver error messege comes up sayin, "Error- No 3D hardware
>> > acceleration found. Your graphics card may not support 3D acceleration,
>> > or
>> > Direct-X may be out of date". I downloaded the newest version of DX but
>> > the
>> > same messege comes up.
>> >
>> > DxDiag-----
>> > -----
>> > System Information
>> > -----
>> > Time of this report: 12/3/2004, 06:25:52
>> > Machine name: OEMCOMPUTER
>> > Operating System: Microsoft Windows XP Professional (5.1, Build 2600)
>> > (2600.xpclient.010817-1148)
>> > Language: English (Regional Setting: English)
>> > System Manufacturer: GBT___
>> > System Model: AWRDACPI
>> > BIOS: GBT - 42302e31
>> > Processor: Intel Celeron, ~634MHz
>> > Memory: 94MB RAM
>> > Page File: 200MB used, 82MB available
>> > Primary File System: n/a
>> > DirectX Version: DirectX 8.1 (4.08.01.0810)
>> > DX Setup Parameters: Not found
>> > DxDiag Version: 5.01.2600.0000 32bit Unicode
>> >
>> > -----
>> > DxDiag Notes
>> > -----
>> > DirectX Files Tab: No problems found.
>> > Display Tab 1: No problems found.
>> > Sound Tab 1: No problems found.
>> > Music Tab: No problems found.
>> > Input Tab: No input devices detected.
>> > No problems found.
>> > Network Tab: No problems found.
>> >
>> > -----
>> > DirectX Components
>> > -----
>> > ddraw.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 267264
>> > bytes
>> > ddrawex.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 24064
>> > bytes
>> > dxapi.sys: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 10496
>> > bytes
```

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```
>> > d3d8.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 1181184
>> > bytes
>> > d3dim.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 436224
>> > bytes
>> > d3dim700.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 791040
>> > bytes
>> > d3dramp.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 590336
>> > bytes
>> > d3drm.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 350208
>> > bytes
>> > d3dxof.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 47616
>> > bytes
>> > d3dpmesh.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 34816
>> > bytes
>> > dplayx.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 212992
>> > bytes
>> > dpmodemx.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 20992
>> > bytes
>> > dpwsockx.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 50176
>> > bytes
>> > dplaysvr.exe: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 26112
>> > bytes
>> > dpnsvr.exe: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 18944
>> > bytes
>> > dpnet.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 156672
>> > bytes
>> > dpnlobby.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 38400
>> > bytes
>> > dpnwsock.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 61952
>> > bytes
>> > dpnaddr.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 26112
>> > bytes
>> > dpnmodem.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 62464
>> > bytes
>> > dpvoice.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 206336
>> > bytes
>> > dpvsetup.exe: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 59392
>> > bytes
>> > dpvvox.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 113152
>> > bytes
>> > dpvacm.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 24064
```

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```
>> > bytes
>> > dpnhpast.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 30208
>> > bytes
>> > dpnhupnp.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 55808
>> > bytes
>> > dinput.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 151552
>> > bytes
>> > dinput8.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 168960
>> > bytes
>> > dimap.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 44032
>> > bytes
>> > diactfrm.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 394240
>> > bytes
>> > joy.cpl: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 65536
>> > bytes
>> > gcdef.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 76800
>> > bytes
>> > pid.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 31744
>> > bytes
>> > gameenum.sys: 5.01.2600.0000 English Final Retail 8/17/2001 14:02:32
>> > 9728
>> > bytes
>> > dsound.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 338944
>> > bytes
>> > dsound3d.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 1293824
>> > bytes
>> > dswave.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 16896
>> > bytes
>> > dsdmo.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 165888
>> > bytes
>> > dsdmopr.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 66560
>> > bytes
>> > dmusic.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 94720
>> > bytes
>> > dmband.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 26112
>> > bytes
>> > dmcompos.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 59904
>> > bytes
>> > dmime.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 172032
>> > bytes
>> > dmloader.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 31232
>> > bytes
>> > dmstyle.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
```

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```
>> > 110080
>> > bytes
>> > dmsynth.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 99840
>> > bytes
>> > dmscript.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 77312
>> > bytes
>> > dx7vb.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 595456
>> > bytes
>> > dx8vb.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 1185792
>> > bytes
>> > mfc40.dll: 4.01.00.6140 English Final Retail 8/23/2001 12:00:00
>> > 924432
>> > bytes
>> > mfc42.dll: 6.00.8665.0000 English Beta Retail 8/23/2001 12:00:00
>> > 995383
>> > bytes
>> > wsock32.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 21504
>> > bytes
>> > amstream.dll: 6.04.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 63488
>> > bytes
>> > devenum.dll: 6.04.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 51712
>> > bytes
>> > dxmasf.dll: 6.04.09.1120 English Final Retail 8/23/2001 12:00:00
>> > 498205
>> > bytes
>> > mciqtz32.dll: 6.04.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 33280
>> > bytes
>> > mpg2spl.t.ax: 6.04.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 126464
>> > bytes
>> > msdmo.dll: 6.04.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 11264
>> > bytes
>> > gasf.dll: 6.04.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 152576
>> > bytes
>> > qcapi.dll: 6.04.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 184832
>> > bytes
>> > qdv.dll: 6.04.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 266752
>> > bytes
>> > qdvd.dll: 6.04.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 356352
>> > bytes
>> > qedit.dll: 6.04.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 511488
>> > bytes
>> > qedwipes.dll: 6.04.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 734208
>> > bytes
>> > quartz.dll: 6.04.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 1135616
>> > bytes
```

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```
>> > strmdll.dll: 4.01.00.3925 English Final Retail 8/23/2001 12:00:00
>> > 246302
>> > bytes
>> > iac25_32.ax: 2.00.05.0053 English Final Retail 8/23/2001 12:00:00
>> > 199680
>> > bytes
>> > ir41_32.ax: 4.51.16.0003 English Final Retail 8/23/2001 12:00:00
>> > 848384
>> > bytes
>> > ir41_qc.dll: 4.30.62.0002 English Final Retail 8/23/2001 12:00:00
>> > 120320
>> > bytes
>> > ir41_qcx.dll: 4.30.64.0001 English Final Retail 8/23/2001 12:00:00
>> > 338432
>> > bytes
>> > ir50_32.dll: 5.2562.15.0055 English Final Retail 8/23/2001 12:00:00
>> > 755200
>> > bytes
>> > ir50_qc.dll: 5.00.63.0048 English Final Retail 8/23/2001 12:00:00
>> > 200192
>> > bytes
>> > ir50_qcx.dll: 5.00.64.0048 English Final Retail 8/23/2001 12:00:00
>> > 183808
>> > bytes
>> > ivfsrc.ax: 5.10.02.0051 English Final Retail 8/23/2001 12:00:00
>> > 154624
>> > bytes
>> > mswebdvd.dll: 6.04.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 243712
>> > bytes
>> > msdvdopt.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 74240
>> > bytes
>> > ks.sys: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 134144
>> > bytes
>> > ksproxy.ax: 5.01.2600.0000 English Final Retail 8/17/2001 22:37:04
>> > 117248
>> > bytes
>> > ksuser.dll: 5.01.2600.0000 English Final Retail 8/17/2001 22:36:18
>> > 4096
>> > bytes
>> > stream.sys: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 42752
>> > bytes
>> > mspclock.sys: 5.01.2600.0000 English Final Retail 8/17/2001 13:48:42
>> > 5120
>> > bytes
>> > mspqm.sys: 5.01.2600.0000 English Final Retail 8/17/2001 13:48:46
>> > 4608
>> > bytes
>> > mskssrv.sys: 5.01.2600.0000 English Final Retail 8/17/2001 13:48:48
>> > 6400
>> > bytes
>> > swenum.sys: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 3840
>> > bytes
>> > msvidctl.dll: 6.04.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 979968
>> > bytes
>> > vbisurf.ax: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 27136
```

microsoft.public.windowsxp.games: Re: 3D hardware acceleration

```
>> > bytes
>> > msyuv.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 16384
>> > bytes
>> > wstdecod.dll: 5.01.2600.0000 English Final Retail 8/23/2001 12:00:00
>> > 46080
>> > bytes
>> >
>> > -----
>> > Display Devices
>> > -----
>> > Card name: Intel(r) 82810E Graphics Controller
>> > Manufacturer: Intel Corporation
>> > Chip type: Intel(R) 82810
>> > DAC type: Internal
>> > Device ID: Enum\PCI\VEN_8086&DEV_7125&SUBSYS_08101458&REV_03
>> > Display Memory: 4.0 MB
>> > Current Mode: 1024 x 768 (24 bit) (60Hz)
>> > Monitor: Plug and Play Monitor
>> > Monitor Max Res: 1600,1200
>> > Driver Name: i81xdnt5.dll
>> > Driver Version: 5.13.01.2753 (English)
>> > DDI Version: 8 (or higher)
>> > Driver Attributes: Final Retail
>> > Driver Date/Size: 8/17/2001 22:36:02, 585344 bytes
>> > Driver Signed: Yes
>> > WHQL Date Stamp: n/a
>> > VDD:
>> > Mini VDD: i81xnt5.sys
>> > Mini VDD Date: 8/17/2001 12:49:18, 138240 bytes
>> > Device Identifier: {D7B78E66-3265-11CF-297D-1128A1C2C835}
>> > Vendor ID: 0x8086
>> > Device ID: 0x7125
>> > SubSys ID: 0x08101458
>> > Revision ID: 0x0003
>> > Registry: OK
>> > DDraw Status: Enabled
>> > D3D Status: Enabled
>> > AGP Status: Enabled
>> > DDraw Test Result:
>> > D3D7 Test Result:
>> > D3D8 Test Result:
>> >
>> > -----
>> > Sound Devices
>> > -----
>> > Description: Intel(r) Integrated Audio
>> > Device ID: PCI\VEN_8086&DEV_2415&SUBSYS_534811D4&REV_02
>> > Manufacturer ID: 1
>> > Product ID: 100
>> > Type: WDM
>> > Driver Name: ac97intc.sys
>> > Driver Version: 5.10.00.3523 (English)
>> > Driver Attributes: Final Retail
>> > Driver Signed: Yes
>> > Date and Size: 8/17/2001 12:20:04, 96256 bytes
>> > Other Files:
>> > Driver Provider: Microsoft
>> > HW Accel Level: Full
>> > Registry: OK
>> > Sound Test Result:
>> >
```

## microsoft.public.windowsxp.games: Re: 3D hardware acceleration

```
>> > -----
>> > DirectMusic
>> > -----
>> > DLS Path: C:\WINDOWS\system32\drivers\gm.dls
>> > Version: 1.00.16.0002
>> > Ports:
>> > Microsoft Synthesizer, Software (Not Kernel Mode), Output,
>> > DLS,
>> > Internal, Default Port
>> > MPU-401, Hardware (Kernel Mode), Input, No DLS, External
>> > MPU-401, Hardware (Kernel Mode), Output, No DLS, External
>> > Intel(r) Integrated Audio, Software (Kernel Mode), Output,
>> > DLS,
>> > Internal
>> > Microsoft MIDI Mapper [Emulated], Hardware (Not Kernel Mode),
>> > Output, No DLS, Internal
>> > Microsoft GS Wavetable SW Synth [Emulated], Hardware (Not
>> > Kernel
>> > Mode), Output, No DLS, Internal
>> > MPU-401 [Emulated], Hardware (Not Kernel Mode), Output, No
>> > DLS,
>> > External
>> > MPU-401 [Emulated], Hardware (Not Kernel Mode), Input, No
>> > DLS,
>> > External
>> > Registry: OK
>> > Music Test Result:
>> >
>> > -----
>> > DirectShow Filters
>> > -----
>> >
>> > DirectShow Filters:
>> > WMAudio Decoder DMO,0x00600800,1,1,,
>> > WMVideo 8 Decoder DMO,0x00800001,1,1,,
>> > WMVideo 9 Decoder DMO,0x00600800,1,1,,
>> > MSScreen decoder DMO,0x00600800,1,1,,
>> > WMVideo Decoder DMO,0x00800001,1,1,,
>> > Mpeg4 Decoder DMO,0x00800001,1,1,,
>> > Indeo(R) audio software,0x00500000,1,1,iac25_32.ax,2.00.05.0053
>> > SonyCDSrcWriter,0x00200000,1,0,SonyCDSrcWriter.ax,3.01.00.7231
>> > Full Screen Renderer,0x00200000,1,0,quartz.dll,6.04.2600.0000
>> > OpenMG Async. File Source,0x00400000,0,1,OmgAfs.ax,3.01.00.7231
>> > DV Muxer,0x00400000,0,0,qdv.dll,6.04.2600.0000
>> > Sony Audio CD Source Filter,0x00600000,0,1,cdsrc.ax,3.01.00.7231
>> > Color Space Converter,0x00400001,1,1,quartz.dll,6.04.2600.0000
>> > WM ASF Reader,0x00400000,0,0,qasf.dll,6.04.2600.0000
>> > SAL Output Converter,0x00200000,1,0,saloconv.ax,3.01.00.7231
>> > AVI Splitter,0x00600000,1,1,quartz.dll,6.04.2600.0000
>> > XML Graphbuilder,0x00400000,0,0,quartz.dll,6.04.2600.0000
>> > XTL Loader,0x00400000,0,0,QEDIT.DLL,6.04.2600.0000
>> > VGA 16 Color Ditherer,0x00400000,1,1,quartz.dll,6.04.2600.0000
>> > Indeo® video 5.10 Compression
>> > Filter,0x00200000,1,1,ir50_32.dll,5.2562.15.0055
>> > Windows Media Audio Decoder,0x00800001,1,1,msadds32.ax,8.00.00.4477
>> > AC3 Parser Filter,0x00600000,1,1,mpg2spltt.ax,6.04.2600.0000
>> > MJPEG Decompressor,0x00600000,1,1,quartz.dll,6.04.2600.0000
>> > Indeo® video 5.10 Decompression
>> > Filter,0x00640000,1,1,ir50_32.dll,5.2562.15.0055
>> > Microsoft Screen Video
>> > Decompressor,0x00800000,1,1,mssc32.ax,8.00.00.4477
>> > MPEG-I Stream Splitter,0x00600000,1,2,quartz.dll,6.04.2600.0000
```

## microsoft.public.windowsxp.games: Re: 3D hardware acceleration

```
>> > SAMI (CC) Parser,0x00400000,1,1,quartz.dll,6.04.2600.0000
>> > MPEG Layer-3 Decoder,0x00810000,1,1,l3codecx.ax,1.05.00.0050
>> > MPEG-2 Splitter,0x005fffff,1,0,mpg2spltt.ax,6.04.2600.0000
>> > ACELP.net Sipro Lab Audio
>> > Decoder,0x00800001,1,1,acelpdec.ax,1.04.00.0000
>> > Internal Script Command
>> > Renderer,0x00800001,1,0,quartz.dll,6.04.2600.0000
>> > MPEG Audio Decoder,0x03680001,1,1,quartz.dll,6.04.2600.0000
>> > File Source (Netshow URL),0x00400000,0,1,dxmasf.dll,6.04.09.1120
>> > DV Splitter,0x00600000,1,2,qdv.dll,6.04.2600.0000
>> > Windows Media Video Decoder,0x00800000,1,1,wmvds32.ax,8.00.00.4477
>> > Windows Media Video Decoder,0x00800000,1,1,wmv8ds32.ax,8.00.00.4000
>> > Sony SEP Filter,0x00200000,0,0,sepfilt.dll,
>> > Windows Media Multiplexer,0x00600000,1,1,dxmasf.dll,6.04.09.1120
>> > ASX file Parser,0x00600000,1,1,dxmasf.dll,6.04.09.1120
>> > ASX v.2 file Parser,0x00600000,1,0,dxmasf.dll,6.04.09.1120
>> > NSC file Parser,0x00600000,1,1,dxmasf.dll,6.04.09.1120
>> > ACM Wrapper,0x00600000,1,1,quartz.dll,6.04.2600.0000
>> > Windows Media source filter,0x00600000,0,2,dxmasf.dll,6.04.09.1120
>> > Video Renderer,0x00800001,1,0,quartz.dll,6.04.2600.0000
>> > Line 21 Decoder,0x00600000,1,1,qdvd.dll,6.04.2600.0000
>> > Video Port Manager,0x00600000,2,1,quartz.dll,6.04.2600.0000
>> > WST Decoder,0x00600000,1,1,wstdecod.dll,5.01.2600.0000
>> > Video Renderer,0x00400000,1,0,quartz.dll,6.04.2600.0000
>> > OpenMG Audio Decrypt Splitter,0x00600000,1,1,omgdec.ax,3.01.00.7231
>> > WM ASF Writer,0x00400000,0,0,qasf.dll,6.04.2600.0000
>> > VBI Surface Allocator,0x00600000,1,1,vbisurf.ax,5.01.2600.0000
>> > Microsoft MPEG-4 Video
>> > Decompressor,0x00800000,1,1,mpg4ds32.ax,8.00.00.4477
>> > OpenMG OmgSource Filter,0x00600000,0,1,omgsrc.ax,3.01.00.7231
>> > File writer,0x00200000,1,0,qcap.dll,6.04.2600.0000
>> > DVD Navigator,0x00200000,0,2,qdvd.dll,6.04.2600.0000
>> > GraphicEq,0x00200000,1,1,GraphicEq.ax,1.05.02.8230
>> > Overlay Mixer2,0x00400000,1,1,qdvd.dll,6.04.2600.0000
>> > SonyMSAConverter,0x00200000,1,0,SonyMSAConverter3.ax,3.01.00.7231
>> > Visualizer Source Filter,0x00200000,0,1,VisSrc.ax,1.04.00.6060
>> > AVI Draw,0x00600064,9,1,quartz.dll,6.04.2600.0000
>> > Sony IpScope2,0x00200000,1,1,IpScope2.ax,2.05.06.11280
>> > .RAM file Parser,0x00600000,1,0,dxmasf.dll,6.04.09.1120
>> > G.711 Codec,0x00200000,1,1,g711codc.ax,5.01.2600.0000
>> > MPEG-2 Demultiplexer,0x00600000,1,1,mpg2spltt.ax,6.04.2600.0000
>> > DV Video Decoder,0x00800000,1,1,qdv.dll,6.04.2600.0000
>> > Indeo® audio software,0x00500000,1,1,iac25_32.ax,2.00.05.0053
>> > Windows Media Update Filter,0x00400000,1,0,dxmasf.dll,6.04.09.1120
>> > ASF DIB Handler,0x00600000,1,1,dxmasf.dll,6.04.09.1120
>> > ASF ACM Handler,0x00600000,1,1,dxmasf.dll,6.04.09.1120
>> > ASF ICM Handler,0x00600000,1,1,dxmasf.dll,6.04.09.1120
>> > ASF URL Handler,0x00600000,1,1,dxmasf.dll,6.04.09.1120
>> > ASF JPEG Handler,0x00600000,1,1,dxmasf.dll,6.04.09.1120
>> > ASF DJPEG Handler,0x00600000,1,1,dxmasf.dll,6.04.09.1120
>> > ASF embedded stuff Handler,0x00600000,1,1,dxmasf.dll,6.04.09.1120
>> > WIA Stream Snapshot Filter,0x00200000,1,1,wiasf.ax,1.00.00.0000
>> > SampleGrabber,0x00200000,1,1,qedit.dll,6.04.2600.0000
>> > Null Renderer,0x00200000,1,0,qedit.dll,6.04.2600.0000
>> > IVF source filter,0x00600000,0,1,ivfsrc.ax,5.10.02.0051
>> > WMP CD Filter,0x00600000,0,1,wmpcd.dll,8.00.00.4477
>> > Smart Tee,0x00200000,1,2,qcap.dll,6.04.2600.0000
>> > Overlay Mixer,0x00200000,0,0,qdvd.dll,6.04.2600.0000
>> > AVI Decompressor,0x00600000,1,1,quartz.dll,6.04.2600.0000
>> > AVI/WAV File Source,0x00400000,0,2,quartz.dll,6.04.2600.0000
>> > QuickTime Movie Parser,0x00600000,1,1,quartz.dll,6.04.2600.0000
>> > Wave Parser,0x00400000,1,1,quartz.dll,6.04.2600.0000
```

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```
>> > MIDI Parser,0x00400000,1,1,quartz.dll,6.04.2600.0000
>> > Multi-file Parser,0x00400000,1,1,quartz.dll,6.04.2600.0000
>> > Lyric Parser,0x00400000,1,1,quartz.dll,6.04.2600.0000
>> > File stream renderer,0x00400000,1,1,quartz.dll,6.04.2600.0000
>> > XML Playlist,0x00400000,1,0,dxmasf.dll,6.04.09.1120
>> > AVI Mux,0x00200000,1,0,qcap.dll,6.04.2600.0000
>> > Line 21 Decoder 2,0x00600002,1,1,quartz.dll,6.04.2600.0000
>> > File Source (Async.),0x00400000,0,1,quartz.dll,6.04.2600.0000
>> > File Source (URL),0x00400000,0,1,quartz.dll,6.04.2600.0000
>> > WMPplug,0x009001f4,1,1,wtwmpplug.ax,
>> > Windows Media Pad VU Data
>> > Grabber,0x00600000,1,0,wmmfilt.dll,1.01.2427.0000
>> > Infinite Pin Tee Filter,0x00200000,1,1,qcap.dll,6.04.2600.0000
>> > SAL Input Converter,0x00200000,0,1,saliconv.ax,3.01.00.7231
>> > Sony Tsm Filter,0x00200000,1,1,Tsm.ax,1.03.00.2270
>> > QT Decompressor,0x00600000,1,1,quartz.dll,6.04.2600.0000
>> > ShotBoundaryDet,0x00200000,1,1,wmmfilt.dll,1.01.2427.0000
>> > MPEG Video Decoder,0x40000001,1,1,quartz.dll,6.04.2600.0000
>> > Indeo® video 4.4 Decompression
>> > Filter,0x00640000,1,1,ir41_32.ax,4.51.16.0003
>> > Indeo® video 4.4 Compression
>> > Filter,0x00200000,1,1,ir41_32.ax,4.51.16.0003
>> >
>> > WDM Streaming Data Transforms:
>> > Microsoft Kernel Acoustic Echo
>> > Canceller,0x00200000,2,2,ksproxy.ax,5.01.2600.0000
>> > Microsoft Kernel GS Wavetable
>> > Synthesizer,0x00200000,1,1,ksproxy.ax,5.01.2600.0000
>> > Microsoft Kernel DLS
>> > Synthesizer,0x00200000,1,1,ksproxy.ax,5.01.2600.0000
>> > Microsoft Kernel DRM Audio
>> > Descrambler,0x00200000,1,1,ksproxy.ax,5.01.2600.0000
>> >
>> > Video Compressors:
>> > WMVideo Encoder DMO,0x00600800,1,1,,
>> > MSScreen encoder DMO,0x00600800,1,1,,
>> > WMVideo8 Encoder DMO,0x00600800,1,1,,
>> > DV Video Encoder,0x00200000,0,0,qdv.dll,6.04.2600.0000
>> > Indeo® video 5.04 Compression
>> > Filter,0x00100000,1,1,ir50_32.dll,5.2562.15.0055
>> > Indeo® video 5.10 Compression
>> > Filter,0x00100000,1,1,ir50_32.dll,5.2562.15.0055
>> > MJPEG Compressor,0x00200000,0,0,quartz.dll,6.04.2600.0000
>> > Cinepak Codec by Radius,0x00200000,1,1,qcap.dll,6.04.2600.0000
>> > Intel 4:2:0 Video V2.50,0x00200000,1,1,qcap.dll,6.04.2600.0000
>> > Intel Indeo(R) Video R3.2,0x00200000,1,1,qcap.dll,6.04.2600.0000
>> > Intel Indeo(R) Video Interactive,0x00200000,1,1,qcap.dll,6.04.2600.0000
>> > Indeo® video 5.10,0x00200000,1,1,qcap.dll,6.04.2600.0000
>> > Intel IYUV codec,0x00200000,1,1,qcap.dll,6.04.2600.0000
>> > Microsoft H.261 Video Codec,0x00200000,1,1,qcap.dll,6.04.2600.0000
>> > Microsoft H.263 Video Codec,0x00200000,1,1,qcap.dll,6.04.2600.0000
>> > Microsoft RLE,0x00200000,1,1,qcap.dll,6.04.2600.0000
>> > Microsoft Video 1,0x00200000,1,1,qcap.dll,6.04.2600.0000
>> > Intel Indeo(R) Video Raw R1.1,0x00200000,1,1,qcap.dll,6.04.2600.0000
>> >
>> > Audio Compressors:
>> > WMAudio Encoder DMO,0x00600800,1,1,,
>> > IAC2,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > Voxware MetaVoice,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > IMA ADPCM,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > PCM,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > Microsoft ADPCM,0x00200000,1,1,quartz.dll,6.04.2600.0000
```

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```
>> > ACELP.net,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > DSP Group TrueSpeech(TM),0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > Windows Media Audio V1,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > Windows Media Audio V2,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > Lernout & Hauspie CELP
>> > 4.8kbit/s,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > Lernout & Hauspie SBC 8kbit/s,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > Lernout & Hauspie SBC 12kbit/s,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > Lernout & Hauspie SBC 16kbit/s,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > GSM 6.10,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > ATAC3,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > Microsoft G.723.1,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > CCITT A-Law,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > CCITT u-Law,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> > MPEG Layer-3,0x00200000,1,1,quartz.dll,6.04.2600.0000
>> >
>> > Audio Capture Sources:
>> > Intel(r) Integrated Audio,0x00200000,0,0,qcap.dll,6.04.2600.0000
>> >
>> > Midi Renderers:
>> > Default MidiOut Device,0x00800000,1,0,quartz.dll,6.04.2600.0000
>> > Microsoft GS Wavetable SW
>> > Synth,0x00200000,1,0,quartz.dll,6.04.2600.0000
>> > MPU-401,0x00200000,1,0,quartz.dll,6.04.2600.0000
>> >
>> > WDM Streaming Capture Devices:
>> > ,0x00000000,0,0,,
>> > Intel(r) Integrated Audio,0x00200000,2,2,ksproxy.ax,5.01.2600.0000
>> >
>> > WDM Streaming Rendering Devices:
>> > ,0x00000000,0,0,,
>> > Intel(r) Integrated Audio,0x00200000,2,2,ksproxy.ax,5.01.2600.0000
>> >
>> > WDM Streaming Mixer Devices:
>> > Microsoft Kernel Wave Audio
>> > Mixer,0x00200000,2,2,ksproxy.ax,5.01.2600.0000
>> >
>> > Audio Renderers:
>> > Intel(r) Integrated Audio,0x00200000,1,0,quartz.dll,6.04.2600.0000
>> > Default DirectSound Device,0x00800000,1,0,quartz.dll,6.04.2600.0000
>> > Default WaveOut Device,0x00200000,1,0,quartz.dll,6.04.2600.0000
>> > DirectSound: Intel(r) Integrated
>> > Audio,0x00200000,1,0,quartz.dll,6.04.2600.0000
>> >
>> > WDM Streaming System Devices:
>> > MPU-401,0x00200000,3,2,ksproxy.ax,5.01.2600.0000
>> > Intel(r) Integrated Audio,0x00200000,12,3,ksproxy.ax,5.01.2600.0000
>> >
>> > -----
>> > Input Devices
>> > -----
>> > Poll w/ Interrupt: No
>> > Registry: OK
>> >
>> > -----
>> > Input Drivers
>> > -----
>> >
>> > -----
>> > DirectPlay Service Providers
>> > -----
>> > Internet TCP/IP Connection For DirectPlay - Registry: OK, File:
```

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```
>> > dpwsockx.dll
>> > (5.01.2600.0000)
>> > IPX Connection For DirectPlay - Registry: OK, File: dpwsockx.dll
>> > (5.01.2600.0000)
>> > Modem Connection For DirectPlay - Registry: OK, File: dpmodemx.dll
>> > (5.01.2600.0000)
>> > Serial Connection For DirectPlay - Registry: OK, File: dpmodemx.dll
>> > (5.01.2600.0000)
>> > DirectPlay8 Modem Service Provider - Registry: OK, File: dpnmodem.dll
>> > (5.01.2600.0000)
>> > DirectPlay8 Serial Service Provider - Registry: OK, File: dpnmodem.dll
>> > (5.01.2600.0000)
>> > DirectPlay8 IPX Service Provider - Registry: OK, File: dpnwsock.dll
>> > (5.01.2600.0000)
>> > DirectPlay8 TCP/IP Service Provider - Registry: OK, File: dpnwsock.dll
>> > (5.01.2600.0000)
>> > DirectPlay Test Result:
>> >
>> > -----
>> > DirectPlay Lobbyable Apps
>>
>>
>>
```