Card caps. v4.2 Sep 2007 Vendor Driver/Version VendorlD DeviceID SubSysID WDDM Driver (9EX) Generation. DX 9 SM2.0, DX 9 SM3.0 or DX10 Dev ice Caps MaxT extureWidth MaxT extureHeight MaxVolumeExtent MaxT extureAspectRatio MaxAnisotropy MaxVertexW GuardBandLeft GuardBandT op GuardBandRight GuardBandBottom ExtentsAdjust MaxT extureBlendStages MaxSimultaneousT extures MaxActiveLights MaxActiveLights MaxActiveLights MaxUserClipPlanes	Lowest Lowest Lowest Microsoft Intel	G33/G31 G35 Radeon 9800 PRO Radeon X300 Radeon X600 Intel	ATI ATI ATI ATI ATI ATI ATI 7.14.10.517 7.14.10.51 7.14.10.51 7.14.10.51 7.14.10.51 7.14.10.51 7.14.10.51 <	Radeon X1800	NVidia	Card caps. v4.2 Sep 2007
MaxVertexBlendMatrixIndex MaxPointSize MaxPrimitiveCount MaxVertexIndex MaxStreams MaxStreams MaxStreamStride VertexShaderVersion MaxVertexShaderConst PixelShaderVersion PixelShader1xMaxValue MaxNpatchTessellationLevel NumSimultaneousRTs MaxVShaderInstructionsExecuted MaxPShaderInstructionsExecuted	0 4 4 4 0 0 256 64 256 64 256 256 65,535 1,048,575 1,048,575 2,097,151 65,535 65,535 65,534 1,048,575 1,048,575 16,777,215 65,534 65,534 16 16 16 16 16 16 255 255 255 255 255 255 0 3 3 3.0 0.0 0.0 0 256 256 8,192 0 0 2 3 3 3.0 2.0 2.0 1 65,504 65,504 3.40282E+38 3.40282E+38 3.40282E+38 0 0 3.40282E+38 0 0 1 4 4 4 1 1 -1 -1 -1 -1 0 0	0 4 4 4 4 0 0 37 37 37 256 256 256 256 256 65,535 1,048,575 1,048,575 1,048,575 1,048,575 65,534 16,777,215 16,777,215 16,777,215 16,777,215 16 16 16 16 16 255 255 508 508 508 0.0 3.0 2.0 2.0 2.0 0 256 256 256 256 2.0 3.0 2.0 2.0 2.0 3.40282E+38 3.40282E+38 3.40282E+38 3.40282E+38 0 0 1 1 1 1 4 4 4 4 0 65,535 -1 -1 -1 96 512 0 0 0 0	16,777,215 16,777,215 16,777,215 16,777,215 16,777,215 1 16 16 16 16 16 508 508 508 508 2.0 2.0 3.0 3.0 3.0 256 256 256 256 256 2.0 3.0 3.0 3.0	4 4 4 4 4 4 4 4 4 4 4 4 4 37 37 37 0	5 1,048,575 1,048,575 1,048,575 1,048,575 1,048,575 1,048,575 1,048,575 1,048,575 1,048,575 1,048,575 1,048,575 1,048,575 1,048,575 1,048,575 1 16 16 16 16 16 16 16 16 255 255 255 255 255 255 3.0 3.0 3.0 3.0 3.0 3.0 256 256 256 256 256 256 256 3.0 3.0 3.0 3.0 3.0 3.0 65504 65504 65504 65504 65504 65504 0 0 0 0 0 4 4 4 4 4 65,535 65,535 65,535 65,535 65,535 65,535	4 MaxVertexBlendMatrices 0 MaxVertexBlendMatrixIndex 8,192 MaxPointSize 1,048,575 MaxPrimitiveCount 1,048,575 MaxVertexIndex 16 MaxStreams 255 MaxStreamStride 3.0 VertexShaderVersion 256 MaxVertexShaderConst 3.0 PixelShaderVersion 65504 PixelShaderIxMaxValue 0 MaxNpatchTessellationLevel 4 NumSimultaneousRTs 65,535 MaxVShaderInstructions Executed MaxPShaderInstructions Executed
MaxVertexShader30InstructionSlots MaxPixelShader30InstructionSlots Caps D3DCAPS_READ_SCANLINE Caps2 D3DCAPS2_CANCALIBRATEGAMMA D3DCAPS2_FULLSCREENGAMMA D3DCAPS2_FULLSCREENGAMMA D3DCAPS2_CANSHARERESOURCE D3DCAPS2_CANMANAGERESOURCE D3DCAPS2_DYNAMICTEXTURES D3DCAPS2_CANAUTOGENMIPMAP Caps3	0 512 544 32,768 0 0 0 512 4,096 32,768 0 0 Yes No Yes No Yes No No No No No Yes No Yes Yes Yes No Yes Yes No Yes No No Yes No No No No Yes No No No Yes Yes Yes Yes No Yes Yes Yes Yes No Yes Yes Yes No Yes	90 512 0 0 0 0 32,768 0 0 0 Yes Yes Yes Yes No No No No No Yes Yes Yes Yes Yes Yes Yes Yes No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	0 0 1,024 1,024 1,024 0 0 512 512 512 Yes Yes Yes Yes No No No No Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	1,024 1,024 32,768 0 0 544 544 544 512 512 512 32,768 0 0 0 4,096 4,096	544 544 544 544 544 544	544 MaxVertexShader30InstructionSlots 4,096 MaxPixelShader30InstructionSlots Caps Yes D3DCAPS_READ_SCANLINE Caps2 No D3DCAPS2_CANCALIBRATEGAMMA Yes D3DCAPS2_FULLSCREENGAMMA Yes D3DCAPS2_CANSHARERESOURCE No D3DCAPS2_CANMANAGERESOURCE Yes D3DCAPS2_DYNAMICTEXTURES Yes D3DCAPS2_CANAUTOGENMIPMAP Caps3
D3DCAPS3_ALPHA_FULLSCREEN_FLIP_OR_DISCARD D3DCAPS3_COPY_TO_VIDMEM D3DCAPS3_COPY_TO_SYSTEMMEM D3DCAPS3_LINEAR_TO_SRGB_PRESENTATION PresentationIntervals D3DPRESENT_INTERVAL_ONE D3DPRESENT_INTERVAL_TWO D3DPRESENT_INTERVAL_THREE D3DPRESENT_INTERVAL_FOUR D3DPRESENT_INTERVAL_FOUR D3DPRESENT_INTERVAL_IMMEDIATE CursorCaps D3DCURSORCAPS_COLOR	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td> <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td> <td>Yes Yes Yes<td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td><td>Yes D3DCAPS3_ALPHA_FULLSCREEN_FLIP_OR_DISCARD Yes D3DCAPS3_COPY_TO_VIDMEM Yes D3DCAPS3_COPY_TO_SYSTEMMEM Yes D3DCAPS3_LINEAR_TO_SRGB_PRESENTATION PresentationIntervals Yes D3DPRESENT_INTERVAL_ONE Yes D3DPRESENT_INTERVAL_TWO Yes D3DPRESENT_INTERVAL_THREE Yes D3DPRESENT_INTERVAL_FOUR Yes D3DPRESENT_INTERVAL_IMMEDIATE CursorCaps Yes D3DCURSORCAPS_COLOR</td></td>	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td> <td>Yes D3DCAPS3_ALPHA_FULLSCREEN_FLIP_OR_DISCARD Yes D3DCAPS3_COPY_TO_VIDMEM Yes D3DCAPS3_COPY_TO_SYSTEMMEM Yes D3DCAPS3_LINEAR_TO_SRGB_PRESENTATION PresentationIntervals Yes D3DPRESENT_INTERVAL_ONE Yes D3DPRESENT_INTERVAL_TWO Yes D3DPRESENT_INTERVAL_THREE Yes D3DPRESENT_INTERVAL_FOUR Yes D3DPRESENT_INTERVAL_IMMEDIATE CursorCaps Yes D3DCURSORCAPS_COLOR</td>	Yes Yes Yes Yes Yes	Yes D3DCAPS3_ALPHA_FULLSCREEN_FLIP_OR_DISCARD Yes D3DCAPS3_COPY_TO_VIDMEM Yes D3DCAPS3_COPY_TO_SYSTEMMEM Yes D3DCAPS3_LINEAR_TO_SRGB_PRESENTATION PresentationIntervals Yes D3DPRESENT_INTERVAL_ONE Yes D3DPRESENT_INTERVAL_TWO Yes D3DPRESENT_INTERVAL_THREE Yes D3DPRESENT_INTERVAL_FOUR Yes D3DPRESENT_INTERVAL_IMMEDIATE CursorCaps Yes D3DCURSORCAPS_COLOR
D3DCURSORCAPS_LOWRES Dev Caps D3DDEVCAPS_EXECUTESYSTEMMEMORY D3DDEVCAPS_EXECUTEVIDEOMEMORY D3DDEVCAPS_TLVERTEXSYSTEMMEMORY D3DDEVCAPS_TLVERTEXVIDEOMEMORY D3DDEVCAPS_TEXTURESYSTEMMEMORY D3DDEVCAPS_TEXTURESYSTEMMEMORY D3DDEVCAPS_TEXTUREVIDEOMEMORY D3DDEVCAPS_DRAWPRIMTLVERTEX D3DDEVCAPS_CANRENDERAFTERFLIP D3DDEVCAPS_TEXTURENONLOCALVIDMEM D3DDEVCAPS_DRAWPRIMITIVES2	Yes No Yes No Yes Yes No No No No No No No No Yes Yes Yes Yes No No No No No No No No No No Yes No No No No Yes No Yes No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No Yes No No No No No No No Yes Yes	No No No No No Yes Yes Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes No No Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	No No No No No Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes	No No<	No No No No No No Yes Yes Yes Yes Yes	
D3DDEVCAPS_SEPARATETEXTUREMEMORIES D3DDEVCAPS_DRAWPRIMITIVES2EX D3DDEVCAPS_HWTRANSFORMANDLIGHT D3DDEVCAPS_CANBLTSYSTONONLOCAL D3DDEVCAPS_HWRASTERIZATION D3DDEVCAPS_PUREDEVICE D3DDEVCAPS_QUINTICRTPATCHES D3DDEVCAPS_RTPATCHES D3DDEVCAPS_RTPATCHHANDLEZERO D3DDEVCAPS_NPATCHES PrimitiveMiscCaps D3DPMISCCAPS_MASKZ	No No<	No No No No No Yes Yes Yes Yes No Yes Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes Yes	No No No No No Yes Yes Yes Yes Yes No No No No No Yes Yes Yes Yes Yes	No No<	NoNoNoNoNoYesYesYesYesYes	No D3DDEVCAPS_SEPARATETEXTUREMEMORIES Yes D3DDEVCAPS_DRAWPRIMITIVES2EX Yes D3DDEVCAPS_HWTRANSFORMANDLIGHT Yes D3DDEVCAPS_CANBLTSYSTONONLOCAL Yes D3DDEVCAPS_HWRASTERIZATION Yes D3DDEVCAPS_PUREDEVICE No D3DDEVCAPS_QUINTICRTPATCHES No D3DDEVCAPS_RTPATCHES No D3DDEVCAPS_RTPATCHES No D3DDEVCAPS_NPATCHES PrimitiveMiscCaps Yes D3DPMISCCAPS_MASKZ
D3DPMSCCAPS_CULLNoNE D3DPMSCCAPS_CULLCW D3DPMSCCAPS_CULLCCW D3DPMSCCAPS_COLORWRITEENABLE D3DPMSCCAPS_CLIPPLANESCALEDPOINTS D3DPMSCCAPS_CLIPTLVERTS D3DPMSCCAPS_TSSARGTEMP D3DPMSCCAPS_BLENDOP D3DPMSCCAPS_NULLREFERENCE D3DPMSCCAPS_INDEPENDENTWRITEMASKS D3DPMSCCAPS_PERSTAGECONSTANT D3DPMSCCAPS_POSTBLENDSRGBCONVERT	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No No No No No Yes Yes Yes Yes No No No No No Yes Yes No No No Yes Yes No No No</td> <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No</td> <td>Yes Yes Yes<td>No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td><td>Yes D3DPMSCCAPS_CULLNONE Yes D3DPMSCCAPS_CULLCW Yes D3DPMSCCAPS_CULLCCW Yes D3DPMSCCAPS_CULCCW Yes D3DPMSCCAPS_COLORWRITEENABLE No D3DPMSCCAPS_CLIPPLANESCALEDPOINTS Yes D3DPMSCCAPS_CLIPTLVERTS Yes D3DPMSCCAPS_TSSARGTEMP Yes D3DPMSCCAPS_BLENDOP No D3DPMSCCAPS_NULLREFERENCE Yes D3DPMSCCAPS_INDEPENDENTWRITEMASKS Yes D3DPMSCCAPS_PERSTAGECONSTANT Yes D3DPMSCCAPS_POSTBLENDSRGBCONVERT</td></td>	Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No No No No No Yes Yes Yes Yes No No No No No Yes Yes No No No Yes Yes No No No	Yes Yes Yes Yes Yes No No No No No No	Yes Yes <td>No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td> <td>Yes D3DPMSCCAPS_CULLNONE Yes D3DPMSCCAPS_CULLCW Yes D3DPMSCCAPS_CULLCCW Yes D3DPMSCCAPS_CULCCW Yes D3DPMSCCAPS_COLORWRITEENABLE No D3DPMSCCAPS_CLIPPLANESCALEDPOINTS Yes D3DPMSCCAPS_CLIPTLVERTS Yes D3DPMSCCAPS_TSSARGTEMP Yes D3DPMSCCAPS_BLENDOP No D3DPMSCCAPS_NULLREFERENCE Yes D3DPMSCCAPS_INDEPENDENTWRITEMASKS Yes D3DPMSCCAPS_PERSTAGECONSTANT Yes D3DPMSCCAPS_POSTBLENDSRGBCONVERT</td>	No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes D3DPMSCCAPS_CULLNONE Yes D3DPMSCCAPS_CULLCW Yes D3DPMSCCAPS_CULLCCW Yes D3DPMSCCAPS_CULCCW Yes D3DPMSCCAPS_COLORWRITEENABLE No D3DPMSCCAPS_CLIPPLANESCALEDPOINTS Yes D3DPMSCCAPS_CLIPTLVERTS Yes D3DPMSCCAPS_TSSARGTEMP Yes D3DPMSCCAPS_BLENDOP No D3DPMSCCAPS_NULLREFERENCE Yes D3DPMSCCAPS_INDEPENDENTWRITEMASKS Yes D3DPMSCCAPS_PERSTAGECONSTANT Yes D3DPMSCCAPS_POSTBLENDSRGBCONVERT
D3DPMISCCAPS_FOGANDSPECULARALPHA D3DPMISCCAPS_SEPARATEALPHABLEND D3DPMISCCAPS_MRTINDEPENDENTBITDEPTHS D3DPMISCCAPS_MRTPOSTPIXELSHADERBLENDING D3DPMISCCAPS_FOGVERTEXCLAMPED RasterCaps D3DPRASTERCAPS_DITHER D3DPRASTERCAPS_ZTEST D3DPRASTERCAPS_FOGVERTEX D3DPRASTERCAPS_FOGTABLE D3DPRASTERCAPS_MPMAPLODBIAS D3DPRASTERCAPS_ZBUFFERLESSHSR D3DPRASTERCAPS_FOGRANGE	Yes No No <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No No No No</td> <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye</td> <td>Yes Yes Yes<td>Yes Yes Yes<td>Yes D3DPMSCCAPS_FOGANDSPECULARALPHA Yes D3DPMSCCAPS_SEPARATEALPHABLEND Yes D3DPMSCCAPS_MRTINDEPENDENTBITDEPTHS Yes D3DPMSCCAPS_MRTPOSTPIXELSHADERBLENDING No D3DPMSCCAPS_FOGVERTEXCLAMPED RasterCaps Yes D3DPRASTERCAPS_DITHER Yes D3DPRASTERCAPS_ZTEST Yes D3DPRASTERCAPS_FOGVERTEX Yes D3DPRASTERCAPS_FOGTABLE Yes D3DPRASTERCAPS_MPMAPLODBIAS No D3DPRASTERCAPS_ZBUFFERLESSHSR Yes D3DPRASTERCAPS_FOGRANGE</td></td></td>	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No No No No	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye	Yes Yes <td>Yes Yes Yes<td>Yes D3DPMSCCAPS_FOGANDSPECULARALPHA Yes D3DPMSCCAPS_SEPARATEALPHABLEND Yes D3DPMSCCAPS_MRTINDEPENDENTBITDEPTHS Yes D3DPMSCCAPS_MRTPOSTPIXELSHADERBLENDING No D3DPMSCCAPS_FOGVERTEXCLAMPED RasterCaps Yes D3DPRASTERCAPS_DITHER Yes D3DPRASTERCAPS_ZTEST Yes D3DPRASTERCAPS_FOGVERTEX Yes D3DPRASTERCAPS_FOGTABLE Yes D3DPRASTERCAPS_MPMAPLODBIAS No D3DPRASTERCAPS_ZBUFFERLESSHSR Yes D3DPRASTERCAPS_FOGRANGE</td></td>	Yes Yes <td>Yes D3DPMSCCAPS_FOGANDSPECULARALPHA Yes D3DPMSCCAPS_SEPARATEALPHABLEND Yes D3DPMSCCAPS_MRTINDEPENDENTBITDEPTHS Yes D3DPMSCCAPS_MRTPOSTPIXELSHADERBLENDING No D3DPMSCCAPS_FOGVERTEXCLAMPED RasterCaps Yes D3DPRASTERCAPS_DITHER Yes D3DPRASTERCAPS_ZTEST Yes D3DPRASTERCAPS_FOGVERTEX Yes D3DPRASTERCAPS_FOGTABLE Yes D3DPRASTERCAPS_MPMAPLODBIAS No D3DPRASTERCAPS_ZBUFFERLESSHSR Yes D3DPRASTERCAPS_FOGRANGE</td>	Yes D3DPMSCCAPS_FOGANDSPECULARALPHA Yes D3DPMSCCAPS_SEPARATEALPHABLEND Yes D3DPMSCCAPS_MRTINDEPENDENTBITDEPTHS Yes D3DPMSCCAPS_MRTPOSTPIXELSHADERBLENDING No D3DPMSCCAPS_FOGVERTEXCLAMPED RasterCaps Yes D3DPRASTERCAPS_DITHER Yes D3DPRASTERCAPS_ZTEST Yes D3DPRASTERCAPS_FOGVERTEX Yes D3DPRASTERCAPS_FOGTABLE Yes D3DPRASTERCAPS_MPMAPLODBIAS No D3DPRASTERCAPS_ZBUFFERLESSHSR Yes D3DPRASTERCAPS_FOGRANGE
D3DPRASTERCAPS_ANISOTROPY D3DPRASTERCAPS_WBUFFER D3DPRASTERCAPS_WFOG D3DPRASTERCAPS_ZFOG D3DPRASTERCAPS_COLORPERSPECTIVE D3DPRASTERCAPS_SCISSORTEST D3DPRASTERCAPS_SLOPESCALEDEPTHBIAS D3DPRASTERCAPS_DEPTHBIAS D3DPRASTERCAPS_MULTISAMPLE_TOGGLE ZCmpCaps D3DPCMPCAPS_NEVER D3DPCMPCAPS_LESS	Yes Yes Yes Yes Yes No No No No No Yes Yes Yes Yes Yes	Yes Yes Yes Yes No No No No Yes Yes Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes No No No No Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes <td< td=""><td>Yes Yes Yes Yes Yes No No No No No Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td><td>Yes D3DPRASTERCAPS_ANISOTROPY No D3DPRASTERCAPS_WBUFFER Yes D3DPRASTERCAPS_WFOG Yes D3DPRASTERCAPS_ZFOG Yes D3DPRASTERCAPS_COLORPERSPECTIVE Yes D3DPRASTERCAPS_SCISSORTEST Yes D3DPRASTERCAPS_SLOPESCALEDEPTHBIAS Yes D3DPRASTERCAPS_DEPTHBIAS No D3DPRASTERCAPS_MULTISAMPLE_TOGGLE ZCmpCaps Yes D3DPCMPCAPS_NEVER Yes D3DPCMPCAPS_LESS</td></td<>	Yes Yes Yes Yes Yes No No No No No Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes D3DPRASTERCAPS_ANISOTROPY No D3DPRASTERCAPS_WBUFFER Yes D3DPRASTERCAPS_WFOG Yes D3DPRASTERCAPS_ZFOG Yes D3DPRASTERCAPS_COLORPERSPECTIVE Yes D3DPRASTERCAPS_SCISSORTEST Yes D3DPRASTERCAPS_SLOPESCALEDEPTHBIAS Yes D3DPRASTERCAPS_DEPTHBIAS No D3DPRASTERCAPS_MULTISAMPLE_TOGGLE ZCmpCaps Yes D3DPCMPCAPS_NEVER Yes D3DPCMPCAPS_LESS
D3DPCMPCAPS_EQUAL D3DPCMPCAPS_LESSEQUAL D3DPCMPCAPS_GREATER D3DPCMPCAPS_NoTEQUAL D3DPCMPCAPS_GREATEREQUAL D3DPCMPCAPS_ALWAYS SrcBlendCaps D3DPBLENDCAPS_ZERO D3DPBLENDCAPS_ONE D3DPBLENDCAPS_SRCCOLOR D3DPBLENDCAPS_INVSRCCOLOR D3DPBLENDCAPS_SRCALPHA D3DPBLENDCAPS_INVSRCALPHA	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td> <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td> <td>Yes Yes Yes<td>Yes Yes Yes<td>Yes D3DPCMPCAPS_EQUAL Yes D3DPCMPCAPS_LESSEQUAL Yes D3DPCMPCAPS_GREATER Yes D3DPCMPCAPS_NoTEQUAL Yes D3DPCMPCAPS_GREATEREQUAL Yes D3DPCMPCAPS_ALWAYS SrcBlendCaps Yes D3DPBLENDCAPS_ZERO Yes D3DPBLENDCAPS_ONE Yes D3DPBLENDCAPS_SRCCOLOR Yes D3DPBLENDCAPS_INVSRCCOLOR Yes D3DPBLENDCAPS_SRCALPHA Yes D3DPBLENDCAPS_INVSRCALPHA</td></td></td>	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	Yes Yes <td>Yes Yes Yes<td>Yes D3DPCMPCAPS_EQUAL Yes D3DPCMPCAPS_LESSEQUAL Yes D3DPCMPCAPS_GREATER Yes D3DPCMPCAPS_NoTEQUAL Yes D3DPCMPCAPS_GREATEREQUAL Yes D3DPCMPCAPS_ALWAYS SrcBlendCaps Yes D3DPBLENDCAPS_ZERO Yes D3DPBLENDCAPS_ONE Yes D3DPBLENDCAPS_SRCCOLOR Yes D3DPBLENDCAPS_INVSRCCOLOR Yes D3DPBLENDCAPS_SRCALPHA Yes D3DPBLENDCAPS_INVSRCALPHA</td></td>	Yes Yes <td>Yes D3DPCMPCAPS_EQUAL Yes D3DPCMPCAPS_LESSEQUAL Yes D3DPCMPCAPS_GREATER Yes D3DPCMPCAPS_NoTEQUAL Yes D3DPCMPCAPS_GREATEREQUAL Yes D3DPCMPCAPS_ALWAYS SrcBlendCaps Yes D3DPBLENDCAPS_ZERO Yes D3DPBLENDCAPS_ONE Yes D3DPBLENDCAPS_SRCCOLOR Yes D3DPBLENDCAPS_INVSRCCOLOR Yes D3DPBLENDCAPS_SRCALPHA Yes D3DPBLENDCAPS_INVSRCALPHA</td>	Yes D3DPCMPCAPS_EQUAL Yes D3DPCMPCAPS_LESSEQUAL Yes D3DPCMPCAPS_GREATER Yes D3DPCMPCAPS_NoTEQUAL Yes D3DPCMPCAPS_GREATEREQUAL Yes D3DPCMPCAPS_ALWAYS SrcBlendCaps Yes D3DPBLENDCAPS_ZERO Yes D3DPBLENDCAPS_ONE Yes D3DPBLENDCAPS_SRCCOLOR Yes D3DPBLENDCAPS_INVSRCCOLOR Yes D3DPBLENDCAPS_SRCALPHA Yes D3DPBLENDCAPS_INVSRCALPHA
D3DPBLENDCAPS_DESTALPHA D3DPBLENDCAPS_INVDESTALPHA D3DPBLENDCAPS_DESTCOLOR D3DPBLENDCAPS_INVDESTCOLOR D3DPBLENDCAPS_SRCALPHASAT D3DPBLENDCAPS_BOTHSRCALPHA D3DPBLENDCAPS_BOTHINVSRCALPHA D3DPBLENDCAPS_BOTHINVSRCALPHA D3DPBLENDCAPS_BLENDFACTOR D3DPBLENDCAPS_SRCCOLOR2 D3DPBLENDCAPS_INVSRCCOLOR2 DestBlendCaps D3DPBLENDCAPS_ZERO	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No Yes Yes Yes Yes Yes</td> <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No Yes Yes Yes Yes Yes</td> <td>Yes Yes Yes<td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td><td>Yes D3DPBLENDCAPS_DESTALPHA Yes D3DPBLENDCAPS_INVDESTALPHA Yes D3DPBLENDCAPS_INVDESTCOLOR Yes D3DPBLENDCAPS_INVDESTCOLOR Yes D3DPBLENDCAPS_SRCALPHASAT Yes D3DPBLENDCAPS_BOTHSRCALPHA Yes D3DPBLENDCAPS_BOTHINVSRCALPHA Yes D3DPBLENDCAPS_BOTHINVSRCALPHA Yes D3DPBLENDCAPS_BLENDFACTOR No D3DPBLENDCAPS_INVSRCCOLOR DestBlendCaps Yes D3DPBLENDCAPS_ZERO</td></td>	Yes Yes Yes Yes Yes No No No No No No No No No No No No Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes No No No No No No No No No No No No Yes Yes Yes Yes Yes	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td> <td>Yes D3DPBLENDCAPS_DESTALPHA Yes D3DPBLENDCAPS_INVDESTALPHA Yes D3DPBLENDCAPS_INVDESTCOLOR Yes D3DPBLENDCAPS_INVDESTCOLOR Yes D3DPBLENDCAPS_SRCALPHASAT Yes D3DPBLENDCAPS_BOTHSRCALPHA Yes D3DPBLENDCAPS_BOTHINVSRCALPHA Yes D3DPBLENDCAPS_BOTHINVSRCALPHA Yes D3DPBLENDCAPS_BLENDFACTOR No D3DPBLENDCAPS_INVSRCCOLOR DestBlendCaps Yes D3DPBLENDCAPS_ZERO</td>	Yes Yes Yes Yes Yes	Yes D3DPBLENDCAPS_DESTALPHA Yes D3DPBLENDCAPS_INVDESTALPHA Yes D3DPBLENDCAPS_INVDESTCOLOR Yes D3DPBLENDCAPS_INVDESTCOLOR Yes D3DPBLENDCAPS_SRCALPHASAT Yes D3DPBLENDCAPS_BOTHSRCALPHA Yes D3DPBLENDCAPS_BOTHINVSRCALPHA Yes D3DPBLENDCAPS_BOTHINVSRCALPHA Yes D3DPBLENDCAPS_BLENDFACTOR No D3DPBLENDCAPS_INVSRCCOLOR DestBlendCaps Yes D3DPBLENDCAPS_ZERO
D3DPBLENDCAPS_ONE D3DPBLENDCAPS_SRCCOLOR D3DPBLENDCAPS_INVSRCCOLOR D3DPBLENDCAPS_SRCALPHA D3DPBLENDCAPS_INVSRCALPHA D3DPBLENDCAPS_DESTALPHA D3DPBLENDCAPS_INVDESTALPHA D3DPBLENDCAPS_INVDESTALPHA D3DPBLENDCAPS_DESTCOLOR D3DPBLENDCAPS_INVDESTCOLOR D3DPBLENDCAPS_SRCALPHASAT D3DPBLENDCAPS_BOTHSRCALPHA D3DPBLENDCAPS_BOTHSRCALPHA	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No Yes Yes Yes</td> <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td> <td>Yes Yes Yes<td>Yes Yes Yes<td>Yes D3DPBLENDCAPS_ONE Yes D3DPBLENDCAPS_SRCCOLOR Yes D3DPBLENDCAPS_INVSRCCOLOR Yes D3DPBLENDCAPS_SRCALPHA Yes D3DPBLENDCAPS_INVSRCALPHA Yes D3DPBLENDCAPS_DESTALPHA Yes D3DPBLENDCAPS_INVDESTALPHA Yes D3DPBLENDCAPS_DESTCOLOR Yes D3DPBLENDCAPS_INVDESTCOLOR Yes D3DPBLENDCAPS_INVDESTCOLOR Yes D3DPBLENDCAPS_SRCALPHASAT Yes D3DPBLENDCAPS_BOTHSRCALPHA Yes D3DPBLENDCAPS_BOTHSRCALPHA</td></td></td>	Yes Yes Yes Yes Yes No No No No No No No Yes Yes Yes	Yes Yes Yes Yes Yes	Yes Yes <td>Yes Yes Yes<td>Yes D3DPBLENDCAPS_ONE Yes D3DPBLENDCAPS_SRCCOLOR Yes D3DPBLENDCAPS_INVSRCCOLOR Yes D3DPBLENDCAPS_SRCALPHA Yes D3DPBLENDCAPS_INVSRCALPHA Yes D3DPBLENDCAPS_DESTALPHA Yes D3DPBLENDCAPS_INVDESTALPHA Yes D3DPBLENDCAPS_DESTCOLOR Yes D3DPBLENDCAPS_INVDESTCOLOR Yes D3DPBLENDCAPS_INVDESTCOLOR Yes D3DPBLENDCAPS_SRCALPHASAT Yes D3DPBLENDCAPS_BOTHSRCALPHA Yes D3DPBLENDCAPS_BOTHSRCALPHA</td></td>	Yes Yes <td>Yes D3DPBLENDCAPS_ONE Yes D3DPBLENDCAPS_SRCCOLOR Yes D3DPBLENDCAPS_INVSRCCOLOR Yes D3DPBLENDCAPS_SRCALPHA Yes D3DPBLENDCAPS_INVSRCALPHA Yes D3DPBLENDCAPS_DESTALPHA Yes D3DPBLENDCAPS_INVDESTALPHA Yes D3DPBLENDCAPS_DESTCOLOR Yes D3DPBLENDCAPS_INVDESTCOLOR Yes D3DPBLENDCAPS_INVDESTCOLOR Yes D3DPBLENDCAPS_SRCALPHASAT Yes D3DPBLENDCAPS_BOTHSRCALPHA Yes D3DPBLENDCAPS_BOTHSRCALPHA</td>	Yes D3DPBLENDCAPS_ONE Yes D3DPBLENDCAPS_SRCCOLOR Yes D3DPBLENDCAPS_INVSRCCOLOR Yes D3DPBLENDCAPS_SRCALPHA Yes D3DPBLENDCAPS_INVSRCALPHA Yes D3DPBLENDCAPS_DESTALPHA Yes D3DPBLENDCAPS_INVDESTALPHA Yes D3DPBLENDCAPS_DESTCOLOR Yes D3DPBLENDCAPS_INVDESTCOLOR Yes D3DPBLENDCAPS_INVDESTCOLOR Yes D3DPBLENDCAPS_SRCALPHASAT Yes D3DPBLENDCAPS_BOTHSRCALPHA Yes D3DPBLENDCAPS_BOTHSRCALPHA
D3DPBLENDCAPS_BLENDFACTOR D3DPBLENDCAPS_SRCCOLOR2 D3DPBLENDCAPS_INVSRCCOLOR2 AlphaCmpCaps D3DPCMPCAPS_NEVER D3DPCMPCAPS_LESS D3DPCMPCAPS_EQUAL D3DPCMPCAPS_LESSEQUAL D3DPCMPCAPS_GREATER D3DPCMPCAPS_NoTEQUAL D3DPCMPCAPS_GREATEREQUAL D3DPCMPCAPS_GREATEREQUAL D3DPCMPCAPS_ALWAYS	No No<	No No<	No No<	No No<	Yes Yes <td>Yes D3DPBLENDCAPS_BLENDFACTOR No D3DPBLENDCAPS_SRCCOLOR No D3DPBLENDCAPS_INVSRCCOLOR AlphaCmpCaps Yes D3DPCMPCAPS_NEVER Yes D3DPCMPCAPS_LESS Yes D3DPCMPCAPS_EQUAL Yes D3DPCMPCAPS_LESSEQUAL Yes D3DPCMPCAPS_GREATER Yes D3DPCMPCAPS_GREATER Yes D3DPCMPCAPS_NOTEQUAL Yes D3DPCMPCAPS_GREATER Yes D3DPCMPCAPS_GREATER Yes D3DPCMPCAPS_GREATER Yes D3DPCMPCAPS_GREATEREQUAL Yes D3DPCMPCAPS_ALWAYS ShadeCaps</td>	Yes D3DPBLENDCAPS_BLENDFACTOR No D3DPBLENDCAPS_SRCCOLOR No D3DPBLENDCAPS_INVSRCCOLOR AlphaCmpCaps Yes D3DPCMPCAPS_NEVER Yes D3DPCMPCAPS_LESS Yes D3DPCMPCAPS_EQUAL Yes D3DPCMPCAPS_LESSEQUAL Yes D3DPCMPCAPS_GREATER Yes D3DPCMPCAPS_GREATER Yes D3DPCMPCAPS_NOTEQUAL Yes D3DPCMPCAPS_GREATER Yes D3DPCMPCAPS_GREATER Yes D3DPCMPCAPS_GREATER Yes D3DPCMPCAPS_GREATEREQUAL Yes D3DPCMPCAPS_ALWAYS ShadeCaps
ShadeCaps D3DPSHADECAPS_COLORGOURAUDRGB D3DPSHADECAPS_SPECULARGOURAUDRGB D3DPSHADECAPS_ALPHAGOURAUDBLEND D3DPSHADECAPS_FOGGOURAUD TextureCaps D3DPTEXTURECAPS_PERSPECTIVE D3DPTEXTURECAPS_POW2 D3DPTEXTURECAPS_ALPHA D3DPTEXTURECAPS_SQUAREONLY D3DPTEXTURECAPS_SQUAREONLY D3DPTEXTURECAPS_ALPHAPALETTE D3DPTEXTURECAPS_ALPHAPALETTE	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes No No No No No Yes Yes Yes Yes</td> <td>Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No Yes Yes Yes</td> <td>Yes Yes Yes<td>No No No No No Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes</td><td>Yes D3DPSHADECAPS_COLORGOURAUDRGB Yes D3DPSHADECAPS_SPECULARGOURAUDRGB Yes D3DPSHADECAPS_ALPHAGOURAUDBLEND Yes D3DPSHADECAPS_FOGGOURAUD TextureCaps Yes D3DPTEXTURECAPS_PERSPECTIVE No D3DPTEXTURECAPS_POW2 Yes D3DPTEXTURECAPS_ALPHA No D3DPTEXTURECAPS_SQUAREONLY Yes D3DPTEXTURECAPS_TEXREPEATNoTSCALEDBYSIZE Yes D3DPTEXTURECAPS_ALPHAPALETTE No D3DPTEXTURECAPS_NoNPOW2CONDITIONAL</td></td>	Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes No No No No No Yes Yes Yes Yes	Yes Yes Yes Yes No No No No No No No No No No No No Yes Yes Yes	Yes Yes <td>No No No No No Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes</td> <td>Yes D3DPSHADECAPS_COLORGOURAUDRGB Yes D3DPSHADECAPS_SPECULARGOURAUDRGB Yes D3DPSHADECAPS_ALPHAGOURAUDBLEND Yes D3DPSHADECAPS_FOGGOURAUD TextureCaps Yes D3DPTEXTURECAPS_PERSPECTIVE No D3DPTEXTURECAPS_POW2 Yes D3DPTEXTURECAPS_ALPHA No D3DPTEXTURECAPS_SQUAREONLY Yes D3DPTEXTURECAPS_TEXREPEATNoTSCALEDBYSIZE Yes D3DPTEXTURECAPS_ALPHAPALETTE No D3DPTEXTURECAPS_NoNPOW2CONDITIONAL</td>	No No No No No Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes	Yes D3DPSHADECAPS_COLORGOURAUDRGB Yes D3DPSHADECAPS_SPECULARGOURAUDRGB Yes D3DPSHADECAPS_ALPHAGOURAUDBLEND Yes D3DPSHADECAPS_FOGGOURAUD TextureCaps Yes D3DPTEXTURECAPS_PERSPECTIVE No D3DPTEXTURECAPS_POW2 Yes D3DPTEXTURECAPS_ALPHA No D3DPTEXTURECAPS_SQUAREONLY Yes D3DPTEXTURECAPS_TEXREPEATNoTSCALEDBYSIZE Yes D3DPTEXTURECAPS_ALPHAPALETTE No D3DPTEXTURECAPS_NoNPOW2CONDITIONAL
D3DPTEXTURECAPS_PROJECTED D3DPTEXTURECAPS_CUBEMAP D3DPTEXTURECAPS_VOLUMEMAP D3DPTEXTURECAPS_MIPMAP D3DPTEXTURECAPS_MIPVOLUMEMAP D3DPTEXTURECAPS_MIPCUBEMAP D3DPTEXTURECAPS_CUBEMAP_POW2 D3DPTEXTURECAPS_VOLUMEMAP_POW2 D3DPTEXTURECAPS_NoPROJECTEDBUMPENV TextureFilterCaps D3DPTFILTERCAPS_MINFPOINT D3DPTFILTERCAPS_MINFLINEAR	Yes No Yes Yes <th< td=""><td>Yes Yes Yes<td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No</td><td>Tes Yes Yes</td></td></th<> <td>Yes Yes Yes<td>Yes D3DPTEXTURECAPS_PROJECTED Yes D3DPTEXTURECAPS_CUBEMAP Yes D3DPTEXTURECAPS_VOLUMEMAP Yes D3DPTEXTURECAPS_MIPMAP Yes D3DPTEXTURECAPS_MIPVOLUMEMAP Yes D3DPTEXTURECAPS_MIPCUBEMAP No D3DPTEXTURECAPS_CUBEMAP_POW2 No D3DPTEXTURECAPS_VOLUMEMAP_POW2 No D3DPTEXTURECAPS_NoPROJECTEDBUMPENV TextureFilterCaps Yes D3DPTFILTERCAPS_MINFPOINT Yes D3DPTFILTERCAPS_MINFLINEAR</td></td>	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No</td> <td>Tes Yes Yes</td>	Yes Yes Yes Yes Yes No No No No No	Tes Yes	Yes Yes <td>Yes D3DPTEXTURECAPS_PROJECTED Yes D3DPTEXTURECAPS_CUBEMAP Yes D3DPTEXTURECAPS_VOLUMEMAP Yes D3DPTEXTURECAPS_MIPMAP Yes D3DPTEXTURECAPS_MIPVOLUMEMAP Yes D3DPTEXTURECAPS_MIPCUBEMAP No D3DPTEXTURECAPS_CUBEMAP_POW2 No D3DPTEXTURECAPS_VOLUMEMAP_POW2 No D3DPTEXTURECAPS_NoPROJECTEDBUMPENV TextureFilterCaps Yes D3DPTFILTERCAPS_MINFPOINT Yes D3DPTFILTERCAPS_MINFLINEAR</td>	Yes D3DPTEXTURECAPS_PROJECTED Yes D3DPTEXTURECAPS_CUBEMAP Yes D3DPTEXTURECAPS_VOLUMEMAP Yes D3DPTEXTURECAPS_MIPMAP Yes D3DPTEXTURECAPS_MIPVOLUMEMAP Yes D3DPTEXTURECAPS_MIPCUBEMAP No D3DPTEXTURECAPS_CUBEMAP_POW2 No D3DPTEXTURECAPS_VOLUMEMAP_POW2 No D3DPTEXTURECAPS_NoPROJECTEDBUMPENV TextureFilterCaps Yes D3DPTFILTERCAPS_MINFPOINT Yes D3DPTFILTERCAPS_MINFLINEAR
D3DPTFILTERCAPS_MINFANISOTROPIC D3DPTFILTERCAPS_MINFPYRAMIDALQUAD D3DPTFILTERCAPS_MINFGAUSSIANQUAD D3DPTFILTERCAPS_MIPFPOINT D3DPTFILTERCAPS_MIPFLINEAR D3DPTFILTERCAPS_MAGFPOINT D3DPTFILTERCAPS_MAGFLINEAR D3DPTFILTERCAPS_MAGFANISOTROPIC D3DPTFILTERCAPS_MAGFPYRAMIDALQUAD D3DPTFILTERCAPS_MAGFGAUSSIANQUAD D3DPTFILTERCAPS_CONVOLUTIONMONo CubeTextureFilterCaps D3DPTFILTERCAPS_MINFPOINT		Yes Yes Yes Yes No No No Yes No No No Yes Yes Yes Yes Yes No No No No No No No No No No No No No No Yes Yes Yes Yes Yes	No No<	No No<	No No<	Yes D3DPTFILTERCAPS_MINFANISOTROPIC No D3DPTFILTERCAPS_MINFPYRAMIDALQUAD No D3DPTFILTERCAPS_MINFGAUSSIANQUAD Yes D3DPTFILTERCAPS_MIPFPOINT Yes D3DPTFILTERCAPS_MIPFLINEAR Yes D3DPTFILTERCAPS_MAGFPOINT Yes D3DPTFILTERCAPS_MAGFLINEAR No D3DPTFILTERCAPS_MAGFANISOTROPIC No D3DPTFILTERCAPS_MAGFPYRAMIDALQUAD No D3DPTFILTERCAPS_MAGFGAUSSIANQUAD No D3DPTFILTERCAPS_CONVOLUTIONMONO CubeTextureFilterCaps Yes D3DPTFILTERCAPS_MINFPOINT
D3DPTFILTERCAPS_MINFLINEAR D3DPTFILTERCAPS_MINFANISOTROPIC D3DPTFILTERCAPS_MINFPYRAMIDALQUAD D3DPTFILTERCAPS_MINFGAUSSIANQUAD D3DPTFILTERCAPS_MIPFPOINT D3DPTFILTERCAPS_MIPFLINEAR D3DPTFILTERCAPS_MAGFPOINT D3DPTFILTERCAPS_MAGFLINEAR D3DPTFILTERCAPS_MAGFANISOTROPIC D3DPTFILTERCAPS_MAGFANISOTROPIC D3DPTFILTERCAPS_MAGFANISOTROPIC D3DPTFILTERCAPS_MAGFANISOTROPIC D3DPTFILTERCAPS_MAGFGAUSSIANQUAD D3DPTFILTERCAPS_CONVOLUTIONMONO	Yes Yes Yes Yes Yes No No No No Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No	Yes Yes Yes Yes Yes No No <td< td=""><td>Yes Yes No <th< td=""><td>Yes Yes No No</td><td>Yes D3DPTFILTERCAPS_MINFLINEAR NO D3DPTFILTERCAPS_MINFANISOTROPIC NO D3DPTFILTERCAPS_MINFPYRAMIDALQUAD NO D3DPTFILTERCAPS_MINFGAUSSIANQUAD Yes D3DPTFILTERCAPS_MIPFPOINT Yes D3DPTFILTERCAPS_MIPFLINEAR Yes D3DPTFILTERCAPS_MAGFPOINT Yes D3DPTFILTERCAPS_MAGFLINEAR NO D3DPTFILTERCAPS_MAGFANISOTROPIC NO D3DPTFILTERCAPS_MAGFPYRAMIDALQUAD NO D3DPTFILTERCAPS_MAGFGAUSSIANQUAD NO D3DPTFILTERCAPS_CONVOLUTIONMONO</td></th<></td></td<>	Yes No No <th< td=""><td>Yes Yes No No</td><td>Yes D3DPTFILTERCAPS_MINFLINEAR NO D3DPTFILTERCAPS_MINFANISOTROPIC NO D3DPTFILTERCAPS_MINFPYRAMIDALQUAD NO D3DPTFILTERCAPS_MINFGAUSSIANQUAD Yes D3DPTFILTERCAPS_MIPFPOINT Yes D3DPTFILTERCAPS_MIPFLINEAR Yes D3DPTFILTERCAPS_MAGFPOINT Yes D3DPTFILTERCAPS_MAGFLINEAR NO D3DPTFILTERCAPS_MAGFANISOTROPIC NO D3DPTFILTERCAPS_MAGFPYRAMIDALQUAD NO D3DPTFILTERCAPS_MAGFGAUSSIANQUAD NO D3DPTFILTERCAPS_CONVOLUTIONMONO</td></th<>	Yes No	Yes D3DPTFILTERCAPS_MINFLINEAR NO D3DPTFILTERCAPS_MINFANISOTROPIC NO D3DPTFILTERCAPS_MINFPYRAMIDALQUAD NO D3DPTFILTERCAPS_MINFGAUSSIANQUAD Yes D3DPTFILTERCAPS_MIPFPOINT Yes D3DPTFILTERCAPS_MIPFLINEAR Yes D3DPTFILTERCAPS_MAGFPOINT Yes D3DPTFILTERCAPS_MAGFLINEAR NO D3DPTFILTERCAPS_MAGFANISOTROPIC NO D3DPTFILTERCAPS_MAGFPYRAMIDALQUAD NO D3DPTFILTERCAPS_MAGFGAUSSIANQUAD NO D3DPTFILTERCAPS_CONVOLUTIONMONO
VolumeTextureFilterCaps D3DPTFILTERCAPS_MNFPOINT D3DPTFILTERCAPS_MNFLINEAR D3DPTFILTERCAPS_MNFANISOTROPIC D3DPTFILTERCAPS_MNFPYRAMIDALQUAD D3DPTFILTERCAPS_MNFGAUSSIANQUAD D3DPTFILTERCAPS_MPFPOINT D3DPTFILTERCAPS_MPFLINEAR D3DPTFILTERCAPS_MAGFPOINT D3DPTFILTERCAPS_MAGFPOINT D3DPTFILTERCAPS_MAGFPOINT D3DPTFILTERCAPS_MAGFPOINT D3DPTFILTERCAPS_MAGFPOINT	Yes Nes Yes No No <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No</td> <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes No No No No No No No No No No</td> <td>Yes Yes Yes<td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes No No No No No No No No No No No No</td><td>VolumeTextureFilterCaps Yes D3DPTFILTERCAPS_MINFPOINT Yes D3DPTFILTERCAPS_MINFLINEAR No D3DPTFILTERCAPS_MINFANISOTROPIC No D3DPTFILTERCAPS_MINFPYRAMIDALQUAD No D3DPTFILTERCAPS_MINFGAUSSIANQUAD Yes D3DPTFILTERCAPS_MIPFPOINT Yes D3DPTFILTERCAPS_MPFLINEAR Yes D3DPTFILTERCAPS_MAGFPOINT Yes D3DPTFILTERCAPS_MAGFLINEAR No D3DPTFILTERCAPS_MAGFANISOTROPIC No D3DPTFILTERCAPS_MAGFPYRAMIDALQUAD</td></td>	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No	Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes No No No No No No No No No No	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes No No No No No No No No No No No No</td> <td>VolumeTextureFilterCaps Yes D3DPTFILTERCAPS_MINFPOINT Yes D3DPTFILTERCAPS_MINFLINEAR No D3DPTFILTERCAPS_MINFANISOTROPIC No D3DPTFILTERCAPS_MINFPYRAMIDALQUAD No D3DPTFILTERCAPS_MINFGAUSSIANQUAD Yes D3DPTFILTERCAPS_MIPFPOINT Yes D3DPTFILTERCAPS_MPFLINEAR Yes D3DPTFILTERCAPS_MAGFPOINT Yes D3DPTFILTERCAPS_MAGFLINEAR No D3DPTFILTERCAPS_MAGFANISOTROPIC No D3DPTFILTERCAPS_MAGFPYRAMIDALQUAD</td>	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes No No No No No No No No No No No No	VolumeTextureFilterCaps Yes D3DPTFILTERCAPS_MINFPOINT Yes D3DPTFILTERCAPS_MINFLINEAR No D3DPTFILTERCAPS_MINFANISOTROPIC No D3DPTFILTERCAPS_MINFPYRAMIDALQUAD No D3DPTFILTERCAPS_MINFGAUSSIANQUAD Yes D3DPTFILTERCAPS_MIPFPOINT Yes D3DPTFILTERCAPS_MPFLINEAR Yes D3DPTFILTERCAPS_MAGFPOINT Yes D3DPTFILTERCAPS_MAGFLINEAR No D3DPTFILTERCAPS_MAGFANISOTROPIC No D3DPTFILTERCAPS_MAGFPYRAMIDALQUAD
D3DPTFILTERCAPS_MAGFGAUSSIANQUAD D3DPTFILTERCAPS_CONVOLUTIONMONo TextureAddressCaps D3DPTADDRESSCAPS_WRAP D3DPTADDRESSCAPS_MIRROR D3DPTADDRESSCAPS_CLAMP D3DPTADDRESSCAPS_BORDER D3DPTADDRESSCAPS_INDEPENDENTUV D3DPTADDRESSCAPS_MIRRORONCE VolumeTextureAddressCaps D3DPTADDRESSCAPS_WRAP D3DPTADDRESSCAPS_MIRROR D3DPTADDRESSCAPS_MIRROR D3DPTADDRESSCAPS_CLAMP	No No No Yes Yes No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes	No Yes	No Yes	No Yes	No No<	No D3DPTFILTERCAPS_MAGFGAUSSIANQUAD No D3DPTFILTERCAPS_CONVOLUTIONMONO TextureAddressCaps Yes D3DPTADDRESSCAPS_WRAP Yes D3DPTADDRESSCAPS_MIRROR Yes D3DPTADDRESSCAPS_CLAMP Yes D3DPTADDRESSCAPS_BORDER Yes D3DPTADDRESSCAPS_INDEPENDENTUV Yes D3DPTADDRESSCAPS_MIRRORONCE VolumeTextureAddressCaps Yes D3DPTADDRESSCAPS_WRAP Yes D3DPTADDRESSCAPS_MIRROR Yes D3DPTADDRESSCAPS_CLAMP
D3DPTADDRESSCAPS_BORDER D3DPTADDRESSCAPS_INDEPENDENTUV D3DPTADDRESSCAPS_MIRRORONCE LineCaps D3DLINECAPS_TEXTURE D3DLINECAPS_ZTEST D3DLINECAPS_BLEND D3DLINECAPS_BLEND D3DLINECAPS_ALPHACMP D3DLINECAPS_FOG D3DLINECAPS_ANTIALIAS StencilCap D3DSTENCILCAPS_KEEP	No No Yes	Yes Yes No No No Yes Yes Yes Yes Yes No No No No No	No No No No No Yes Yes Yes Yes Yes No No No No No	No No Yes	Yes Yes <td>Yes D3DPTADDRESSCAPS_BORDER Yes D3DPTADDRESSCAPS_INDEPENDENTUV Yes D3DPTADDRESSCAPS_MIRRORONCE LineCaps Yes D3DLINECAPS_TEXTURE Yes D3DLINECAPS_ZTEST Yes D3DLINECAPS_BLEND Yes D3DLINECAPS_ALPHACMP Yes D3DLINECAPS_FOG No D3DLINECAPS_ANTIALIAS StencilCap Yes D3DSTENCILCAPS_KEEP</td>	Yes D3DPTADDRESSCAPS_BORDER Yes D3DPTADDRESSCAPS_INDEPENDENTUV Yes D3DPTADDRESSCAPS_MIRRORONCE LineCaps Yes D3DLINECAPS_TEXTURE Yes D3DLINECAPS_ZTEST Yes D3DLINECAPS_BLEND Yes D3DLINECAPS_ALPHACMP Yes D3DLINECAPS_FOG No D3DLINECAPS_ANTIALIAS StencilCap Yes D3DSTENCILCAPS_KEEP
D3DSTENCILCAPS_ZERO D3DSTENCILCAPS_REPLACE D3DSTENCILCAPS_INCRSAT D3DSTENCILCAPS_DECRSAT D3DSTENCILCAPS_INVERT D3DSTENCILCAPS_INCR D3DSTENCILCAPS_DECR D3DSTENCILCAPS_DECR D3DSTENCILCAPS_TWOSIDED FVFCaps D3DFVFCAPS_DONoTSTRIPELEMENTS D3DFVFCAPS_PSIZE TextureOpCaps	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td> <td>Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td> <td>Yes Yes Yes<td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td><td>Yes D3DSTENCILCAPS_ZERO Yes D3DSTENCILCAPS_REPLACE Yes D3DSTENCILCAPS_INCRSAT Yes D3DSTENCILCAPS_DECRSAT Yes D3DSTENCILCAPS_INVERT Yes D3DSTENCILCAPS_INCR Yes D3DSTENCILCAPS_DECR Yes D3DSTENCILCAPS_TWOSIDED FVFCaps Yes D3DFVFCAPS_DONoTSTRIPELEMENTS Yes D3DFVFCAPS_TEXCOORDCOUNTMASK Yes D3DFVFCAPS_PSIZE</td></td>	Yes Yes Yes Yes Yes	Yes Yes Yes Yes No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td> <td>Yes D3DSTENCILCAPS_ZERO Yes D3DSTENCILCAPS_REPLACE Yes D3DSTENCILCAPS_INCRSAT Yes D3DSTENCILCAPS_DECRSAT Yes D3DSTENCILCAPS_INVERT Yes D3DSTENCILCAPS_INCR Yes D3DSTENCILCAPS_DECR Yes D3DSTENCILCAPS_TWOSIDED FVFCaps Yes D3DFVFCAPS_DONoTSTRIPELEMENTS Yes D3DFVFCAPS_TEXCOORDCOUNTMASK Yes D3DFVFCAPS_PSIZE</td>	Yes Yes Yes Yes Yes	Yes D3DSTENCILCAPS_ZERO Yes D3DSTENCILCAPS_REPLACE Yes D3DSTENCILCAPS_INCRSAT Yes D3DSTENCILCAPS_DECRSAT Yes D3DSTENCILCAPS_INVERT Yes D3DSTENCILCAPS_INCR Yes D3DSTENCILCAPS_DECR Yes D3DSTENCILCAPS_TWOSIDED FVFCaps Yes D3DFVFCAPS_DONoTSTRIPELEMENTS Yes D3DFVFCAPS_TEXCOORDCOUNTMASK Yes D3DFVFCAPS_PSIZE
TextureOpCaps D3DTEXOPCAPS_DISABLE D3DTEXOPCAPS_SELECTARG1 D3DTEXOPCAPS_SELECTARG2 D3DTEXOPCAPS_MODULATE D3DTEXOPCAPS_MODULATE2X D3DTEXOPCAPS_MODULATE4X D3DTEXOPCAPS_MODULATE4X D3DTEXOPCAPS_ADD D3DTEXOPCAPS_ADDSIGNED D3DTEXOPCAPS_ADDSIGNED2X D3DTEXOPCAPS_SUBTRACT D3DTEXOPCAPS_BLENDDIFFUSEALPHA D3DTEXOPCAPS_BLENDTEXTUREALPHA D3DTEXOPCAPS_BLENDTEXTUREALPHA D3DTEXOPCAPS_BLENDTEXTUREALPHA D3DTEXOPCAPS_BLENDTEXTUREALPHA D3DTEXOPCAPS_BLENDTEXTUREALPHAPM D3DTEXOPCAPS_BLENDCURRENTALPHA D3DTEXOPCAPS_BLENDCURRENTALPHA D3DTEXOPCAPS_PREMODULATE D3DTEXOPCAPS_MODULATECOLOR_ADDALPHA D3DTEXOPCAPS_MODULATEINVALPHA_ADDCOLOR D3DTEXOPCAPS_MODULATEINVALPHA_ADDCOLOR D3DTEXOPCAPS_BUMPENVMAP D3DTEXOPCAPS_BUMPENVMAP	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes <</td> <td>Yes Yes Yes Yes Yes Yes Yes <</td> <td>Yes Yes Yes<td>Yes Yes Yes Yes Yes Yes Yes</td><td>TextureOpCaps Yes</td></td>	Yes Yes Yes Yes Yes Yes Yes <	Yes Yes Yes Yes Yes Yes Yes <	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes</td> <td>TextureOpCaps Yes</td>	Yes Yes Yes Yes Yes Yes Yes	TextureOpCaps Yes
D3DTEXOPCAPS_DOTPRODUCT3 D3DTEXOPCAPS_MULTIPLYADD D3DTEXOPCAPS_LERP VertexProcessingCaps D3DVTXPCAPS_DIRECTIONALLIGHTS D3DVTXPCAPS_LOCALVIEWER D3DVTXPCAPS_MATERIALSOURCE7 D3DVTXPCAPS_POSITIONALLIGHTS D3DVTXPCAPS_TEXGEN D3DVTXPCAPS_TEXGEN D3DVTXPCAPS_TWEENING D3DVTXPCAPS_TEXGEN_SPHEREMAP D3DVTXPCAPS_No_TEXGEN_NoNLOCALVIEWER Dev Caps2	Yes No N	Yes Nes Yes Yes <td>Yes Yes Yes<td>Yes Yes Yes<td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No</td><td>Yes D3DTEXOPCAPS_DOTPRODUCT3 Yes D3DTEXOPCAPS_MULTIPLYADD Yes D3DTEXOPCAPS_LERP VertexProcessingCaps Yes D3DVTXPCAPS_DIRECTIONALLIGHTS Yes D3DVTXPCAPS_LOCALVIEWER Yes D3DVTXPCAPS_MATERIALSOURCET Yes D3DVTXPCAPS_POSITIONALLIGHTS Yes D3DVTXPCAPS_TEXGEN No D3DVTXPCAPS_TEXGEN Yes D3DVTXPCAPS_TEXGEN_SPHEREMAP No D3DVTXPCAPS_No_TEXGEN_NoNLOCALVIEWER Dev Caps2</td></td></td>	Yes Yes <td>Yes Yes Yes<td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No</td><td>Yes D3DTEXOPCAPS_DOTPRODUCT3 Yes D3DTEXOPCAPS_MULTIPLYADD Yes D3DTEXOPCAPS_LERP VertexProcessingCaps Yes D3DVTXPCAPS_DIRECTIONALLIGHTS Yes D3DVTXPCAPS_LOCALVIEWER Yes D3DVTXPCAPS_MATERIALSOURCET Yes D3DVTXPCAPS_POSITIONALLIGHTS Yes D3DVTXPCAPS_TEXGEN No D3DVTXPCAPS_TEXGEN Yes D3DVTXPCAPS_TEXGEN_SPHEREMAP No D3DVTXPCAPS_No_TEXGEN_NoNLOCALVIEWER Dev Caps2</td></td>	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No</td> <td>Yes D3DTEXOPCAPS_DOTPRODUCT3 Yes D3DTEXOPCAPS_MULTIPLYADD Yes D3DTEXOPCAPS_LERP VertexProcessingCaps Yes D3DVTXPCAPS_DIRECTIONALLIGHTS Yes D3DVTXPCAPS_LOCALVIEWER Yes D3DVTXPCAPS_MATERIALSOURCET Yes D3DVTXPCAPS_POSITIONALLIGHTS Yes D3DVTXPCAPS_TEXGEN No D3DVTXPCAPS_TEXGEN Yes D3DVTXPCAPS_TEXGEN_SPHEREMAP No D3DVTXPCAPS_No_TEXGEN_NoNLOCALVIEWER Dev Caps2</td>	Yes Yes Yes Yes Yes No No No No No	Yes D3DTEXOPCAPS_DOTPRODUCT3 Yes D3DTEXOPCAPS_MULTIPLYADD Yes D3DTEXOPCAPS_LERP VertexProcessingCaps Yes D3DVTXPCAPS_DIRECTIONALLIGHTS Yes D3DVTXPCAPS_LOCALVIEWER Yes D3DVTXPCAPS_MATERIALSOURCET Yes D3DVTXPCAPS_POSITIONALLIGHTS Yes D3DVTXPCAPS_TEXGEN No D3DVTXPCAPS_TEXGEN Yes D3DVTXPCAPS_TEXGEN_SPHEREMAP No D3DVTXPCAPS_No_TEXGEN_NoNLOCALVIEWER Dev Caps2
D3DDEVCAPS2_STREAMOFFSET D3DDEVCAPS2_DMAPNPATCH D3DDEVCAPS2_ADAPTIVETESSRTPATCH D3DDEVCAPS2_ADAPTIVETESSNPATCH D3DDEVCAPS2_CAN_STRETCHRECT_FROM_TEXTURES D3DDEVCAPS2_PRESAMPLEDDMAPNPATCH D3DDEVCAPS2_VERTEXELEMENTSCANSHARESTREAMOFFSET DeclTypes D3DDTCAPS_UBYTE4 D3DDTCAPS_UBYTE4N D3DDTCAPS_SHORT2N D3DDTCAPS_SHORT4N D3DDTCAPS_USHORT2N	Yes No	Yes Yes Yes Yes No No No No No No No No No No No No No No No No Yes Yes Yes Yes	Yes Yes Yes Yes No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes	Yes No	No No<	Yes D3DDEVCAPS2_STREAMOFFSET No D3DDEVCAPS2_DMAPNPATCH No D3DDEVCAPS2_ADAPTIVETESSRTPATCH No D3DDEVCAPS2_ADAPTIVETESSNPATCH Yes D3DDEVCAPS2_CAN_STRETCHRECT_FROM_TEXTURES No D3DDEVCAPS2_PRESAMPLEDDMAPNPATCH Yes D3DDEVCAPS2_VERTEXELEMENTSCANSHARESTREAMOFFSET DeclTypes Yes D3DDTCAPS_UBYTE4 Yes D3DDTCAPS_UBYTE4N Yes D3DDTCAPS_SHORT2N Yes D3DDTCAPS_SHORT2N No D3DDTCAPS_USHORT2N
D3DDTCAPS_USHORT4N D3DDTCAPS_UDEC3 D3DDTCAPS_DEC3N D3DDTCAPS_FLOAT16_2 D3DDTCAPS_FLOAT16_4 StretchRectFilterCaps D3DPTFILTERCAPS_MINFPOINT D3DPTFILTERCAPS_MAGFPOINT D3DPTFILTERCAPS_MINFLINEAR D3DPTFILTERCAPS_MAGFLINEAR V\$20Caps D3DV\$20CAPS_PREDICATION DynamicFlowControlDepth	No No No Yes No No No No No No No No No No No No Yes No No No No Yes Yes No Yes Yes Yes No Yes Yes Yes No Yes Yes Yes Yes	No Yes Yes Yes Yes No Yes Yes Yes Yes No No Yes Yes Yes No Yes No No No Yes Yes Yes Yes Yes No Yes Yes Yes Yes	Yes Yes Yes Yes Yes No No Yes Yes Yes No No Yes Yes Yes	Yes Yes Yes No Yes Yes <th< td=""><td>No No No<</td><td>No D3DDTCAPS_USHORT4N No D3DDTCAPS_UDEC3 No D3DDTCAPS_DEC3N Yes D3DDTCAPS_FLOAT16_2 Yes D3DDTCAPS_FLOAT16_4 StretchRectFilter Caps Yes D3DPTFILTERCAPS_MINFPOINT Yes D3DPTFILTERCAPS_MAGFPOINT Yes D3DPTFILTERCAPS_MINFLINEAR Yes D3DPTFILTERCAPS_MAGFLINEAR VS20Caps Yes D3DVS20CAPS_PREDICATION DynamicFlowControlDepth</td></th<>	No No<	No D3DDTCAPS_USHORT4N No D3DDTCAPS_UDEC3 No D3DDTCAPS_DEC3N Yes D3DDTCAPS_FLOAT16_2 Yes D3DDTCAPS_FLOAT16_4 StretchRectFilter Caps Yes D3DPTFILTERCAPS_MINFPOINT Yes D3DPTFILTERCAPS_MAGFPOINT Yes D3DPTFILTERCAPS_MINFLINEAR Yes D3DPTFILTERCAPS_MAGFLINEAR VS20Caps Yes D3DVS20CAPS_PREDICATION DynamicFlowControlDepth
NumTemps StaticFlowControlDepth PS20Caps D3DPS20CAPS_ARBITRARYSWIZZLE D3DPS20CAPS_GRADIENTINSTRUCTIONS D3DPS20CAPS_PREDICATION D3DPS20CAPS_NoDEPENDENTREADLIMIT D3DPS20CAPS_NoTEXINSTRUCTIONLIMIT DynamicFlowControlDepth NumTemps StaticFlowControlDepth NumInstructionSlots VertexTextureFilterCaps	0 32 32 32 0 0 No Yes Yes Yes No No 0 24 24 24 0 0 12 32 32 32 12 12 0 4 4 4 0 0 96 512 512 512 96 96	0 32 16 16 16 16 0 4 1 1 1 1 No Yes No No No No 0 24 0 0 0 0 12 32 12 12 12 12 0 4 0 0 0 0 96 512 96 96 96 96	16 16 32 32 32 32 1 1 4 4 4 4 No No No Yes Yes Yes No No No Yes Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes 0 0 24 24 24 32 32 32 32 32 0 0 4 4 4 512 512 512 512 512	32 32 32 13 13 32 32 4 4 4 1 1 4 4 Yes Yes Yes Yes Yes Yes 24 24 24 0 0 24 24 32 32 32 22 22 32 32 4 4 4 0 0 4 4 512 512 512 512 512 512 512	32 32 32 32 32 32 32 32 32 32 32 4 512	32 NumTemps 4 StaticFlowControlDepth PS20Caps Yes D3DPS20CAPS_ARBITRARYSWIZZLE Yes D3DPS20CAPS_GRADIENTINSTRUCTIONS Yes D3DPS20CAPS_PREDICATION Yes D3DPS20CAPS_NODEPENDENTREADLIMIT Yes D3DPS20CAPS_NOTEXINSTRUCTIONLIMIT 24 DynamicFlowControlDepth 32 NumTemps 4 StaticFlowControlDepth 512 NumInstructionSlots VertexTextureFilterCaps
D3DPTFILTERCAPS_MINFPOINT D3DPTFILTERCAPS_MINFLINEAR D3DPTFILTERCAPS_MINFANISOTROPIC D3DPTFILTERCAPS_MINFGAUSSIANQUAD D3DPTFILTERCAPS_MINFGAUSSIANQUAD D3DPTFILTERCAPS_MIPFPOINT D3DPTFILTERCAPS_MIPFLINEAR D3DPTFILTERCAPS_MAGFPOINT D3DPTFILTERCAPS_MAGFLINEAR D3DPTFILTERCAPS_MAGFANISOTROPIC D3DPTFILTERCAPS_MAGFPYRAMIDALQUAD D3DPTFILTERCAPS_MAGFGAUSSIANQUAD D3DFMT_X8R8G8B8 (Fullscreen) MSAA Support / Quality Levels	No Yes Yes Yes No No No No No No No No No No No No No No No No No No No No No No No Yes No No No No No Yes No No No No No No No No	No Yes No No No No Yes No No No No No No No No No No No No No No No No No No No Yes No No No No Yes No No No No Yes No No No No No No No No	No No Yes Yes Yes No No No No No	Yes Yes Yes No No Yes Yes No No No No No No No No No No No No No No No No	Yes Yes Yes Yes Yes No No No No No No No No No No No No No No N	Yes D3DPTFILTERCAPS_MINFPOINT NO D3DPTFILTERCAPS_MINFLINEAR NO D3DPTFILTERCAPS_MINFANISOTROPIC NO D3DPTFILTERCAPS_MINFPYRAMIDALQUAD NO D3DPTFILTERCAPS_MINFGAUSSIANQUAD Yes D3DPTFILTERCAPS_MIPFPOINT NO D3DPTFILTERCAPS_MIPFLINEAR Yes D3DPTFILTERCAPS_MAGFPOINT NO D3DPTFILTERCAPS_MAGFLINEAR NO D3DPTFILTERCAPS_MAGFANISOTROPIC NO D3DPTFILTERCAPS_MAGFPYRAMIDALQUAD NO D3DPTFILTERCAPS_MAGFGAUSSIANQUAD D3DFMT_X8R8G8B8 (Fullscreen) MSAA Support / Quality Lev els
NoNMASKABLE 2X 3X 4X 5X 6X 7X 8X 9X 16X Render Target Formats D3DFMT_A8R8G8B8	No No 3 2 No No No No 1 No No No No No No No No No No No 1 1 No No No No No No No No	No No 3 3 3 No No 1 1 1 1 No No No No No No No No 1 1 1 1 No No No No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes	3 3 3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 3 4 4 4 4 1 1 1 1 1 1 1 No No No No No No No 1 1 1 1 1 1 1 No No No No No No No 1 1 No No No No No No No No No No No Yes Yes Yes Yes Yes Yes	4 4 4 4 4 8 8 8 1 1 1 1 1 1 1 1 1 1 1 No No No No No No No No No 1 1 1 1 1 1 1 8 8 8 No N	8
D3DFMT_X8R8G8B8 D3DFMT_A8B8G8R8 D3DFMT_R8G8B8 D3DFMT_R5G6B5 D3DFMT_X1R5G5B5 D3DFMT_A1R5G5B5 D3DFMT_A4R4G4B4 D3DFMT_R3G3B2 D3DFMT_A8 D3DFMT_A8 D3DFMT_A8R3G3B2 D3DFMT_A8R3G3B2 D3DFMT_A8R3G3B2 D3DFMT_A2B10G10R10	Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No No No Yes Yes Yes No No Yes Yes Yes No No No Yes Yes No No No No No	No No<	No No<	Yes Yes <td>No No No<</td> <td>Yes D3DFMT_X8R8G8B8 No D3DFMT_A8B8G8R8 No D3DFMT_X8B8G8R8 No D3DFMT_R8G8B8 Yes D3DFMT_R5G6B5 Yes D3DFMT_A1R5G5B5 No D3DFMT_A4R4G4B4 No D3DFMT_R3G3B2 No D3DFMT_A8 No D3DFMT_A8R3G3B2 No D3DFMT_A8R3G3B2 No D3DFMT_A8R3G3B2 No D3DFMT_A8R4G4B4 Yes D3DFMT_A2B10G10R10</td>	No No<	Yes D3DFMT_X8R8G8B8 No D3DFMT_A8B8G8R8 No D3DFMT_X8B8G8R8 No D3DFMT_R8G8B8 Yes D3DFMT_R5G6B5 Yes D3DFMT_A1R5G5B5 No D3DFMT_A4R4G4B4 No D3DFMT_R3G3B2 No D3DFMT_A8 No D3DFMT_A8R3G3B2 No D3DFMT_A8R3G3B2 No D3DFMT_A8R3G3B2 No D3DFMT_A8R4G4B4 Yes D3DFMT_A2B10G10R10
D3DFMT_G16R16 D3DFMT_A2R10G10B10 D3DFMT_A16B16G16R16 D3DFMT_R16F D3DFMT_G16R16F D3DFMT_A16B16G16R16F D3DFMT_R32F D3DFMT_G32R32F D3DFMT_A32B32G32R32F D3DFMT_CxV8U8 Depth/Stencil Formats D3DFMT_D32_LOCKABLE D3DFMT_S8_LOCKABLE	No No Yes Yes No No No No Yes Yes Yes Yes No Yes Yes No No No No Yes Yes Yes No No No Yes Yes Yes No No No Yes Yes Yes No No No Yes Yes No No No No Yes Yes No No No No No No No No No No No No No No No	No No Yes Yes Yes Yes Yes Yes Yes Yes No No Yes Yes Yes No No No No No	Yes Yes Yes Yes No No No No No No No No	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes Yes Yes	No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No <td>Yes D3DFMT_G16R16 Yes D3DFMT_A2R10G10B10 Yes D3DFMT_A16B16G16R16 Yes D3DFMT_R16F Yes D3DFMT_G16R16F Yes D3DFMT_A16B16G16R16F Yes D3DFMT_R32F Yes D3DFMT_G32R32F Yes D3DFMT_A32B32G32R32F No D3DFMT_CxV8U8 Depth/Stencil Formats No D3DFMT_D32_LOCKABLE No D3DFMT_S8_LOCKABLE</td>	Yes D3DFMT_G16R16 Yes D3DFMT_A2R10G10B10 Yes D3DFMT_A16B16G16R16 Yes D3DFMT_R16F Yes D3DFMT_G16R16F Yes D3DFMT_A16B16G16R16F Yes D3DFMT_R32F Yes D3DFMT_G32R32F Yes D3DFMT_A32B32G32R32F No D3DFMT_CxV8U8 Depth/Stencil Formats No D3DFMT_D32_LOCKABLE No D3DFMT_S8_LOCKABLE
D3DFMT_D16_LOCKABLE D3DFMT_D32 D3DFMT_D15S1 D3DFMT_D24S8 D3DFMT_D24X8 D3DFMT_D24X4S4 D3DFMT_D32F_LOCKABLE D3DFMT_D32F_LOCKABLE D3DFMT_D16 Texture Formats D3DFMT_A1 D3DFMT_BINARYBUFFER	No No<	No No No No No No Yes Yes No No No No	NO NO NO Yes Yes Yes NO NO NO NO	No No<	No	No D3DFMT_D16_LOCKABLE No D3DFMT_D32 No D3DFMT_D15S1 Yes D3DFMT_D24S8 Yes D3DFMT_D24X8 No D3DFMT_D24X4S4 Yes D3DFMT_D32F_LOCKABLE No D3DFMT_D24FS8 Yes D3DFMT_D16 Texture Formats No D3DFMT_A1 No D3DFMT_BINARYBUFFER
D3DFMT_A8R8G8B8 D3DFMT_X8R8G8B8 D3DFMT_A8B8G8R8 D3DFMT_X8B8G8R8 D3DFMT_R8G8B8 D3DFMT_R5G6B5 D3DFMT_X1R5G5B5 D3DFMT_A1R5G5B5 D3DFMT_A4R4G4B4 D3DFMT_R3G3B2 D3DFMT_A8 D3DFMT_A8	NO NO NO NO NO Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes NO NO NO NO NO NO NO NO NO Yes NO NO Yes Yes Yes Yes Yes NO NO Yes Yes Yes NO NO Yes Yes Yes Yes Yes Yes Yes Yes NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No	Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No <t< td=""><td>No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No</td><td>No No No<</td><td>No D3DFMI_BINARYBUFFER Yes D3DFMT_A8R8G8B8 Yes D3DFMT_X8R8G8B8 No D3DFMT_A8B8G8R8 No D3DFMT_X8B8G8R8 No D3DFMT_R8G8B8 Yes D3DFMT_R5G6B5 Yes D3DFMT_A1R5G5B5 Yes D3DFMT_A4R4G4B4 No D3DFMT_R3G3B2 Yes D3DFMT_A8R3G3B2 No D3DFMT_A8R3G3B2 No D3DFMT_X4R4G4B4</td></t<>	No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No	No No<	No D3DFMI_BINARYBUFFER Yes D3DFMT_A8R8G8B8 Yes D3DFMT_X8R8G8B8 No D3DFMT_A8B8G8R8 No D3DFMT_X8B8G8R8 No D3DFMT_R8G8B8 Yes D3DFMT_R5G6B5 Yes D3DFMT_A1R5G5B5 Yes D3DFMT_A4R4G4B4 No D3DFMT_R3G3B2 Yes D3DFMT_A8R3G3B2 No D3DFMT_A8R3G3B2 No D3DFMT_X4R4G4B4
D3DFMT_X4R4G4B4 D3DFMT_A2B10G10R10 D3DFMT_G16R16 D3DFMT_A2R10G10B10 D3DFMT_A16B16G16R16 D3DFMT_A8P8 D3DFMT_P8 D3DFMT_L8 D3DFMT_L8 D3DFMT_A8L8 D3DFMT_A8L8 D3DFMT_A8L8 D3DFMT_A8L8 D3DFMT_X8L8 D3DFMT_X8L8 D3DFMT_X8L8 D3DFMT_X8L8		NO NO NO NO NO NO NO NO NO NO NO NO Yes Yes Yes Yes Yes Yes Yes Yes NO Yes Yes Yes Yes NO NO NO NO NO NO NO NO NO NO NO NO Yes Yes Yes Yes Yes	NO NO NO NO Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No Yes Yes Yes Yes	NO NO<	No No<	
D3DFMT_Q8W8V8U8 D3DFMT_V16U16 D3DFMT_A2W10V10U10 D3DFMT_UYVY D3DFMT_R8G8_B8G8 D3DFMT_YUY2 D3DFMT_G8R8_G8B8 D3DFMT_DXT1 D3DFMT_DXT2 D3DFMT_DXT3 D3DFMT_DXT4 D3DFMT_DXT5	Yes No Yes No Yes	Yes Yes Yes Yes No No No No No Yes Yes Yes Yes	Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes	Yes Yes <td>Yes Yes Yes<td>Yes D3DFMT_Q8W8V8U8 Yes D3DFMT_V16U16 No D3DFMT_A2W10V10U10 No D3DFMT_UYVY No D3DFMT_R8G8_B8G8 No D3DFMT_YUY2 No D3DFMT_G8R8_G8B8 Yes D3DFMT_DXT1 Yes D3DFMT_DXT2 Yes D3DFMT_DXT3 Yes D3DFMT_DXT4 Yes D3DFMT_DXT5</td></td>	Yes Yes <td>Yes D3DFMT_Q8W8V8U8 Yes D3DFMT_V16U16 No D3DFMT_A2W10V10U10 No D3DFMT_UYVY No D3DFMT_R8G8_B8G8 No D3DFMT_YUY2 No D3DFMT_G8R8_G8B8 Yes D3DFMT_DXT1 Yes D3DFMT_DXT2 Yes D3DFMT_DXT3 Yes D3DFMT_DXT4 Yes D3DFMT_DXT5</td>	Yes D3DFMT_Q8W8V8U8 Yes D3DFMT_V16U16 No D3DFMT_A2W10V10U10 No D3DFMT_UYVY No D3DFMT_R8G8_B8G8 No D3DFMT_YUY2 No D3DFMT_G8R8_G8B8 Yes D3DFMT_DXT1 Yes D3DFMT_DXT2 Yes D3DFMT_DXT3 Yes D3DFMT_DXT4 Yes D3DFMT_DXT5
D3DFMT_L16 D3DFMT_Q16W16V16U16 D3DFMT_R16F D3DFMT_G16R16F D3DFMT_A16B16G16R16F D3DFMT_R32F D3DFMT_G32R32F D3DFMT_A32B32G32R32F D3DFMT_CxV8U8 Cube Texture Formats D3DFMT_BINARYBUFFER	Yes Yes Yes Yes Yes No No <td< td=""><td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No</td><td>Yes Yes Yes</td></td<> <td>Yes Yes Yes<td>Yes Yes Yes<td>Yes D3DFMT_L16 No D3DFMT_Q16W16V16U16 Yes D3DFMT_R16F Yes D3DFMT_G16R16F Yes D3DFMT_A16B16G16R16F Yes D3DFMT_R32F Yes D3DFMT_G32R32F Yes D3DFMT_A32B32G32R32F No D3DFMT_CxV8U8 Cube Texture Formats No D3DFMT_A1 No D3DFMT_BINARYBUFFER</td></td></td>	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No	Yes	Yes Yes <td>Yes Yes Yes<td>Yes D3DFMT_L16 No D3DFMT_Q16W16V16U16 Yes D3DFMT_R16F Yes D3DFMT_G16R16F Yes D3DFMT_A16B16G16R16F Yes D3DFMT_R32F Yes D3DFMT_G32R32F Yes D3DFMT_A32B32G32R32F No D3DFMT_CxV8U8 Cube Texture Formats No D3DFMT_A1 No D3DFMT_BINARYBUFFER</td></td>	Yes Yes <td>Yes D3DFMT_L16 No D3DFMT_Q16W16V16U16 Yes D3DFMT_R16F Yes D3DFMT_G16R16F Yes D3DFMT_A16B16G16R16F Yes D3DFMT_R32F Yes D3DFMT_G32R32F Yes D3DFMT_A32B32G32R32F No D3DFMT_CxV8U8 Cube Texture Formats No D3DFMT_A1 No D3DFMT_BINARYBUFFER</td>	Yes D3DFMT_L16 No D3DFMT_Q16W16V16U16 Yes D3DFMT_R16F Yes D3DFMT_G16R16F Yes D3DFMT_A16B16G16R16F Yes D3DFMT_R32F Yes D3DFMT_G32R32F Yes D3DFMT_A32B32G32R32F No D3DFMT_CxV8U8 Cube Texture Formats No D3DFMT_A1 No D3DFMT_BINARYBUFFER
D3DFMT_A8R8G8B8 D3DFMT_X8R8G8B8 D3DFMT_X8B8G8R8 D3DFMT_X8B8G8R8 D3DFMT_R8G8B8 D3DFMT_R5G6B5 D3DFMT_X1R5G5B5 D3DFMT_A1R5G5B5 D3DFMT_A4R4G4B4 D3DFMT_R3G3B2 D3DFMT_A8 D3DFMT_A8 D3DFMT_A8R3G3B2 D3DFMT_X4R4G4B4	Yes No No <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes No No</td> <td>Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No</td> <td>No No No<</td> <td>Yes Yes Yes<td>Yes D3DFMT_A8R8G8B8 Yes D3DFMT_X8R8G8B8 No D3DFMT_A8B8G8R8 No D3DFMT_R8G8B8 No D3DFMT_R8G8B8 Yes D3DFMT_R5G6B5 Yes D3DFMT_X1R5G5B5 Yes D3DFMT_A1R5G5B5 Yes D3DFMT_A4R4G4B4 No D3DFMT_R3G3B2 Yes D3DFMT_A8 No D3DFMT_A8R3G3B2 No D3DFMT_X4R4G4B4 No D3DFMT_X4R4G4B4</td></td>	Yes Yes Yes Yes Yes Yes Yes Yes Yes No	Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No	No No<	Yes Yes <td>Yes D3DFMT_A8R8G8B8 Yes D3DFMT_X8R8G8B8 No D3DFMT_A8B8G8R8 No D3DFMT_R8G8B8 No D3DFMT_R8G8B8 Yes D3DFMT_R5G6B5 Yes D3DFMT_X1R5G5B5 Yes D3DFMT_A1R5G5B5 Yes D3DFMT_A4R4G4B4 No D3DFMT_R3G3B2 Yes D3DFMT_A8 No D3DFMT_A8R3G3B2 No D3DFMT_X4R4G4B4 No D3DFMT_X4R4G4B4</td>	Yes D3DFMT_A8R8G8B8 Yes D3DFMT_X8R8G8B8 No D3DFMT_A8B8G8R8 No D3DFMT_R8G8B8 No D3DFMT_R8G8B8 Yes D3DFMT_R5G6B5 Yes D3DFMT_X1R5G5B5 Yes D3DFMT_A1R5G5B5 Yes D3DFMT_A4R4G4B4 No D3DFMT_R3G3B2 Yes D3DFMT_A8 No D3DFMT_A8R3G3B2 No D3DFMT_X4R4G4B4 No D3DFMT_X4R4G4B4
D3DFMT_A2B10G10R10 D3DFMT_G16R16 D3DFMT_A2R10G10B10 D3DFMT_A16B16G16R16 D3DFMT_A8P8 D3DFMT_P8 D3DFMT_L8 D3DFMT_L8 D3DFMT_L8 D3DFMT_A8L8 D3DFMT_A8L8 D3DFMT_A8L8 D3DFMT_A4L4 D3DFMT_V8U8 D3DFMT_V8U8 D3DFMT_V8U8	No No Yes Yes No No Yes Yes Yes Yes Yes Yes No No Yes Yes Yes Yes Yes No Yes Yes No Yes <	No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes	- INU No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	No No Yes No	No Yes	Yes D3DFMT_A2B10G10R10 Yes D3DFMT_G16R16 Yes D3DFMT_A2R10G10B10 Yes D3DFMT_A16B16G16R16 No D3DFMT_A8P8 No D3DFMT_P8 Yes D3DFMT_L8 Yes D3DFMT_A8L8 No D3DFMT_A4L4 No D3DFMT_V8U8 No D3DFMT_L6V5U5 No D3DFMT_X8L8V8U8
D3DFMT_Q8W8V8U8 D3DFMT_V16U16 D3DFMT_A2W10V10U10 D3DFMT_UYVY D3DFMT_R8G8_B8G8 D3DFMT_YUY2 D3DFMT_G8R8_G8B8 D3DFMT_DXT1 D3DFMT_DXT2 D3DFMT_DXT2 D3DFMT_DXT3 D3DFMT_DXT4 D3DFMT_DXT5 D3DFMT_DXT5	Yes Yes <td>Yes Yes Nes Yes Yes<td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td><td>Yes Yes Yes<td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td><td>Yes D3DFMT_Q8W8V8U8 Yes D3DFMT_V16U16 No D3DFMT_A2W10V10U10 No D3DFMT_UYVY No D3DFMT_R8G8_B8G8 No D3DFMT_YUY2 No D3DFMT_G8R8_G8B8 Yes D3DFMT_DXT1 Yes D3DFMT_DXT2 Yes D3DFMT_DXT3 Yes D3DFMT_DXT4 Yes D3DFMT_DXT5 Yes D3DFMT_L16</td></td></td>	Yes Nes Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td> <td>Yes Yes Yes<td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td><td>Yes D3DFMT_Q8W8V8U8 Yes D3DFMT_V16U16 No D3DFMT_A2W10V10U10 No D3DFMT_UYVY No D3DFMT_R8G8_B8G8 No D3DFMT_YUY2 No D3DFMT_G8R8_G8B8 Yes D3DFMT_DXT1 Yes D3DFMT_DXT2 Yes D3DFMT_DXT3 Yes D3DFMT_DXT4 Yes D3DFMT_DXT5 Yes D3DFMT_L16</td></td>	Yes Yes Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes	Yes Yes <td>Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes</td> <td>Yes D3DFMT_Q8W8V8U8 Yes D3DFMT_V16U16 No D3DFMT_A2W10V10U10 No D3DFMT_UYVY No D3DFMT_R8G8_B8G8 No D3DFMT_YUY2 No D3DFMT_G8R8_G8B8 Yes D3DFMT_DXT1 Yes D3DFMT_DXT2 Yes D3DFMT_DXT3 Yes D3DFMT_DXT4 Yes D3DFMT_DXT5 Yes D3DFMT_L16</td>	Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes D3DFMT_Q8W8V8U8 Yes D3DFMT_V16U16 No D3DFMT_A2W10V10U10 No D3DFMT_UYVY No D3DFMT_R8G8_B8G8 No D3DFMT_YUY2 No D3DFMT_G8R8_G8B8 Yes D3DFMT_DXT1 Yes D3DFMT_DXT2 Yes D3DFMT_DXT3 Yes D3DFMT_DXT4 Yes D3DFMT_DXT5 Yes D3DFMT_L16
D3DFMT_L16 D3DFMT_Q16W16V16U16 D3DFMT_R16F D3DFMT_G16R16F D3DFMT_A16B16G16R16F D3DFMT_R32F D3DFMT_G32R32F D3DFMT_G32R32F D3DFMT_C32B32G32R32F D3DFMT_CxV8U8 Volume Texture Formats D3DFMT_A1 D3DFMT_BINARYBUFFER D3DFMT_A8R8G8B8		No Yes Yes Yes Yes No No No No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes	Yes Yes Yes Yes No No No No No No No No No No No No Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes No	No No<	Yes D3DFMT_L16 No D3DFMT_Q16W16V16U16 Yes D3DFMT_R16F Yes D3DFMT_G16R16F Yes D3DFMT_A16B16G16R16F Yes D3DFMT_R32F Yes D3DFMT_G32R32F Yes D3DFMT_A32B32G32R32F No D3DFMT_CxV8U8 Volume Texture Formats No D3DFMT_A1 No D3DFMT_BINARYBUFFER Yes D3DFMT_A8R8G8B8
D3DFMT_X8R8G8B8 D3DFMT_A8B8G8R8 D3DFMT_X8B8G8R8 D3DFMT_R8G8B8 D3DFMT_R5G6B5 D3DFMT_X1R5G5B5 D3DFMT_A1R5G5B5 D3DFMT_A4R4G4B4 D3DFMT_R3G3B2 D3DFMT_A8 D3DFMT_A8 D3DFMT_A8R3G3B2 D3DFMT_A8R4G4B4	Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No Yes Yes Yes Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No No No No No No No	Yes Yes Yes Yes Yes No No <td< td=""><td>Yes Yes Yes Yes Yes No <td< td=""><td>Yes Yes Yes<td>Yes Yes No No<td>Yes D3DFMT_X8R8G8B8 No D3DFMT_A8B8G8R8 No D3DFMT_X8B8G8R8 No D3DFMT_R8G8B8 Yes D3DFMT_R5G6B5 Yes D3DFMT_X1R5G5B5 Yes D3DFMT_A1R5G5B5 Yes D3DFMT_A4R4G4B4 No D3DFMT_R3G3B2 Yes D3DFMT_A8 No D3DFMT_A8R3G3B2 No D3DFMT_X4R4G4B4</td></td></td></td<></td></td<>	Yes Yes Yes Yes Yes No No <td< td=""><td>Yes Yes Yes<td>Yes Yes No No<td>Yes D3DFMT_X8R8G8B8 No D3DFMT_A8B8G8R8 No D3DFMT_X8B8G8R8 No D3DFMT_R8G8B8 Yes D3DFMT_R5G6B5 Yes D3DFMT_X1R5G5B5 Yes D3DFMT_A1R5G5B5 Yes D3DFMT_A4R4G4B4 No D3DFMT_R3G3B2 Yes D3DFMT_A8 No D3DFMT_A8R3G3B2 No D3DFMT_X4R4G4B4</td></td></td></td<>	Yes Yes <td>Yes Yes No No<td>Yes D3DFMT_X8R8G8B8 No D3DFMT_A8B8G8R8 No D3DFMT_X8B8G8R8 No D3DFMT_R8G8B8 Yes D3DFMT_R5G6B5 Yes D3DFMT_X1R5G5B5 Yes D3DFMT_A1R5G5B5 Yes D3DFMT_A4R4G4B4 No D3DFMT_R3G3B2 Yes D3DFMT_A8 No D3DFMT_A8R3G3B2 No D3DFMT_X4R4G4B4</td></td>	Yes No No <td>Yes D3DFMT_X8R8G8B8 No D3DFMT_A8B8G8R8 No D3DFMT_X8B8G8R8 No D3DFMT_R8G8B8 Yes D3DFMT_R5G6B5 Yes D3DFMT_X1R5G5B5 Yes D3DFMT_A1R5G5B5 Yes D3DFMT_A4R4G4B4 No D3DFMT_R3G3B2 Yes D3DFMT_A8 No D3DFMT_A8R3G3B2 No D3DFMT_X4R4G4B4</td>	Yes D3DFMT_X8R8G8B8 No D3DFMT_A8B8G8R8 No D3DFMT_X8B8G8R8 No D3DFMT_R8G8B8 Yes D3DFMT_R5G6B5 Yes D3DFMT_X1R5G5B5 Yes D3DFMT_A1R5G5B5 Yes D3DFMT_A4R4G4B4 No D3DFMT_R3G3B2 Yes D3DFMT_A8 No D3DFMT_A8R3G3B2 No D3DFMT_X4R4G4B4
D3DFMT_A2B10G10R10 D3DFMT_G16R16 D3DFMT_A2R10G10B10 D3DFMT_A16B16G16R16 D3DFMT_A8P8 D3DFMT_P8 D3DFMT_L8 D3DFMT_L8 D3DFMT_L8 D3DFMT_A8L8 D3DFMT_A8L8 D3DFMT_A8L8 D3DFMT_A4L4 D3DFMT_V8U8 D3DFMT_L6V5U5 D3DFMT_X8L8V8U8 D3DFMT_Q8W8V8U8	No No Yes Yes No No Yes Yes Yes Yes Yes No No Yes Yes Yes No Yes Yes No No No No No Yes Yes No No Yes Yes	No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes No No No No No No No No No No No No No Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No Yes Yes Yes No No No No No No No	No No No No No Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No No No No No No No No No No No No No No No No No	Yes D3DFMT_A2B10G10R10 Yes D3DFMT_G16R16 Yes D3DFMT_A2R10G10B10 Yes D3DFMT_A16B16G16R16 No D3DFMT_A8P8 No D3DFMT_P8 Yes D3DFMT_L8 Yes D3DFMT_A8L8 No D3DFMT_A4L4 No D3DFMT_V8U8 No D3DFMT_L6V5U5 No D3DFMT_X8L8V8U8 No D3DFMT_Q8W8V8U8
D3DFMT_Q8W8V8U8 D3DFMT_V16U16 D3DFMT_A2W10V10U10 D3DFMT_UYVY D3DFMT_R8G8_B8G8 D3DFMT_YUY2 D3DFMT_G8R8_G8B8 D3DFMT_DXT1 D3DFMT_DXT1 D3DFMT_DXT2 D3DFMT_DXT3 D3DFMT_DXT4 D3DFMT_DXT5 D3DFMT_DXT5	No No No Yes Yes Yes No No Yes Yes No No No No No Yes Yes Yes No No No No No No No No No No Yes No No No No No No Yes No No No No No No Yes Yes Yes No No No Yes Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes	No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No No No No	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No No Yes Yes Yes Yes	Yes Yes Yes No	NO NO NO NO NO Yes Yes Yes Yes Yes NO NO NO NO NO NO	No D3DFMT_Q8W8V8U8 Yes D3DFMT_V16U16 No D3DFMT_A2W10V10U10 No D3DFMT_UYVY No D3DFMT_R8G8_B8G8 No D3DFMT_YUY2 No D3DFMT_G8R8_G8B8 No D3DFMT_DXT1 No D3DFMT_DXT2 No D3DFMT_DXT3 No D3DFMT_DXT4 No D3DFMT_DXT5 Yes D3DFMT_L16
D3DFMT_Q16W16V16U16 D3DFMT_R16F D3DFMT_G16R16F D3DFMT_A16B16G16R16F D3DFMT_R32F D3DFMT_G32R32F D3DFMT_A32B32G32R32F D3DFMT_CXV8U8	No No No Yes No No No No Yes Yes No No No Yes Yes Yes No No No Yes Yes Yes No No No Yes Yes Yes No No No No Yes Yes No No No No No No No Microsoft Intel Intel Ref Rast 915 945	No Yes Yes Yes Yes No No Yes Yes Yes No No No No No No Intel Intel ATI ATI ATI ATI ATI G33/G31 G35 Radeon 9800 PRO Radeon X300 Radeon X600	Yes Yes Yes Yes No No No No ATI ATI ATI ATI ATI Radeon X700 Radeon X800 Radeon X1300 Radeon X1550 Radeon X1600 R	Yes Yes Yes No		No D3DFMT_Q16W16V16U16 Yes D3DFMT_R16F Yes D3DFMT_G16R16F Yes D3DFMT_A16B16G16R16F Yes D3DFMT_R32F Yes D3DFMT_G32R32F Yes D3DFMT_A32B32G32R32F No D3DFMT_CXV8U8