
System Information

Time of this report: 3/15/2022, 18:25:53
Machine name: DESKTOP-VU0CAB7
Machine Id: {C9FD480B-5462-492D-A1F2-8541D43BDADF}
Operating System: Windows 10 Home 64-bit (10.0, Build 19044)
(19041.vb_release.191206-1406)
Language: English (Regional Setting: English)
System Manufacturer: Hewlett-Packard
System Model: HP EliteBook Folio 9470m
BIOS: Default System BIOS (type: BIOS)
Processor: Intel(R) Core(TM) i5-3437U CPU @ 1.90GHz (4 CPUs),
~2.4GHz
Memory: 8192MB RAM
Available OS Memory: 8056MB RAM
Page File: 9796MB used, 7987MB available
Windows Dir: C:\Windows
DirectX Version: DirectX 12
DX Setup Parameters: Not found
User DPI Setting: 96 DPI (100 percent)
System DPI Setting: 96 DPI (100 percent)
DWM DPI Scaling: Disabled
Miracast: Available, with HDCP
Microsoft Graphics Hybrid: Not Supported
DirectX Database Version: 1.0.8
DxDiag Version: 10.00.19041.0928 64bit Unicode

DxDiag Notes

Display Tab 1: No problems found.
Display Tab 2: No problems found.
Sound Tab 1: No problems found.
Sound Tab 2: No problems found.
Input Tab: No problems found.

DirectX Debug Levels

Direct3D: 0/4 (retail)
DirectDraw: 0/4 (retail)
DirectInput: 0/5 (retail)
DirectMusic: 0/5 (retail)
DirectPlay: 0/9 (retail)
DirectSound: 0/5 (retail)
DirectShow: 0/6 (retail)

Display Devices

Card name: Intel(R) HD Graphics 4000
Manufacturer: Intel Corporation
Chip type: Intel(R) HD Graphics Family
DAC type: Internal
Device Type: Full Device (POST)
Device Key: Enum\PCI\VEN_8086&DEV_0166&SUBSYS_18DF103C&REV_09
Device Status: 0180200A
[DN_DRIVER_LOADED|DN_STARTED|DN_DISABLEABLE|DN_NT_ENUMERATOR|DN_NT_DRIVER]
Device Problem Code: No Problem
Driver Problem Code: Unknown
Display Memory: 1792 MB
Dedicated Memory: 32 MB
Shared Memory: 1760 MB
Current Mode: 1600 x 900 (32 bit) (60Hz)
HDR Support: Not Supported
Display Topology: Extend
Display Color Space: DXGI_COLOR_SPACE_RGB_FULL_G22_NONE_P709
Color Primaries: Red(0.592773,0.343750), Green(0.325195,0.560547),
Blue(0.153320,0.143555), White Point(0.313477,0.329102)
Display Luminance: Min Luminance = 0.500000, Max Luminance = 270.000000,
MaxFullFrameLuminance = 270.000000
Monitor Name: Generic PnP Monitor
Monitor Model: unknown
Monitor Id: CMN1484
Native Mode: 1600 x 900(p) (60.035Hz)
Output Type: Internal
Monitor Capabilities: HDR Not Supported
Display Pixel Format: DISPLAYCONFIG_PIXELFORMAT_32BPP
Advanced Color: Not Supported
Driver Name: igdumdim64.dll,igd10iumd64.dll,igd10iumd64.dll
Driver File Version: 10.18.0010.4252 (English)
Driver Version: 10.18.10.4252
DDI Version: 11.2
Feature Levels: 11_0,10_1,10_0,9_3,9_2,9_1
Driver Model: WDDM 1.3
Hardware Scheduling: Supported:False Enabled:False
Graphics Preemption: DMA
Compute Preemption: Thread group
Miracast: Supported
Detachable GPU: No
Hybrid Graphics GPU: Integrated
Power P-states: Not Supported
Virtualization: Not Supported
Block List: DISABLE_HWSCH
Catalog Attributes: N/A
Driver Attributes: Final Retail
Driver Date/Size: 7/10/2015 1:00:00 AM, 11053040 bytes
WHQL Logo'd: Yes
WHQL Date Stamp: Unknown

Device Identifier: {D7B78E66-4226-11CF-1063-D538B4C2C735}
Vendor ID: 0x8086
Device ID: 0x0166
SubSys ID: 0x18DF103C
Revision ID: 0x0009

Driver Strong Name:

oem3.inf:5f63e5341859ec8c:iIVBM_w81:10.18.10.4252:pci\ven_8086&dev_0166

Rank Of Driver: 00DA2001

Video Accel: ModeMPEG2_A ModeMPEG2_C ModeWMV9_C ModeVC1_C

DXVA2 Modes: DXVA2_ModeMPEG2_VLD DXVA2_ModeMPEG2_IDCT DXVA2_ModeVC1_D2010

{E07EC519-E651-4CD6-AC84-1370CCEEC851} {BCC5DB6D-A2B6-4AF0-ACE4-ADB1F787BC89}
DXVA2_ModeWMV9_IDCT DXVA2_ModeVC1_IDCT DXVA2_ModeH264_VLD_NoFGT
{97688186-56A8-4094-B543-FC9DAAA49F4B} {C346E8A3-CBED-4D27-87CC-A70EB4DC8C27}
{FFC79924-5EAF-4666-A736-06190F281443} {F416F7BD-098A-4CF1-A11B-CE54959CA03D}
{49761BEC-4B63-4349-A5FF-87FFDF088466}

Deinterlace Caps: {BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:

Format(In/Out)=(YUY2,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering

{335AA36E-7884-43A4-9C91-7F87FAF3E37E}:

Format(In/Out)=(YUY2,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch

{5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:

Format(In/Out)=(YUY2,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
{BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:

Format(In/Out)=(UYVY,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering

{335AA36E-7884-43A4-9C91-7F87FAF3E37E}:

Format(In/Out)=(UYVY,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch

{5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:

Format(In/Out)=(UYVY,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
{BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:

Format(In/Out)=(YV12,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering

{335AA36E-7884-43A4-9C91-7F87FAF3E37E}:

Format(In/Out)=(YV12,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch

{5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:

Format(In/Out)=(YV12,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
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Format(In/Out)=(NV12,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB

VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering
{335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
Format(In/Out)=(NV12,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch
{5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:
Format(In/Out)=(NV12,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
{BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:
Format(In/Out)=(IMC1,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering
{335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
Format(In/Out)=(IMC1,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch
{5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:
Format(In/Out)=(IMC1,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
{BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:
Format(In/Out)=(IMC2,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering
{335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
Format(In/Out)=(IMC2,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch
{5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:
Format(In/Out)=(IMC2,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
{BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:
Format(In/Out)=(IMC3,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering
{335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
Format(In/Out)=(IMC3,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch
{5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:
Format(In/Out)=(IMC3,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
{BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:
Format(In/Out)=(IMC4,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering
{335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
Format(In/Out)=(IMC4,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch

{5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:
Format(In/Out)=(IMC4,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
D3D9 Overlay: Supported
DXVA-HD: Supported
DDraw Status: Enabled
D3D Status: Enabled
AGP Status: Enabled
MPO MaxPlanes: 1
MPO Caps: Not Supported
MPO Stretch: Not Supported
MPO Media Hints: Not Supported
MPO Formats: Not Supported
PanelFitter Caps: Not Supported
PanelFitter Stretch: Not Supported

Card name: Intel(R) HD Graphics 4000
Manufacturer: Intel Corporation
Chip type: Intel(R) HD Graphics Family
DAC type: Internal
Device Type: Full Device (POST)
Device Key: Enum\PCI\VEN_8086&DEV_0166&SUBSYS_18DF103C&REV_09
Device Status: 0180200A
[DN_DRIVER_LOADED|DN_STARTED|DN_DISABLEABLE|DN_NT_ENUMERATOR|DN_NT_DRIVER]
Device Problem Code: No Problem
Driver Problem Code: Unknown
Display Memory: 1792 MB
Dedicated Memory: 32 MB
Shared Memory: 1760 MB
Current Mode: 3840 x 2160 (32 bit) (30Hz)
HDR Support: Not Supported
Display Topology: Extend
Display Color Space: DXGI_COLOR_SPACE_RGB_FULL_G22_NONE_P709
Color Primaries: Red(0.639648,0.330078), Green(0.299805,0.599609),
Blue(0.150391,0.059570), White Point(0.313477,0.329102)
Display Luminance: Min Luminance = 0.500000, Max Luminance = 270.000000,
MaxFullFrameLuminance = 270.000000
Monitor Name: Generic PnP Monitor
Monitor Model: HP Z32
Monitor Id: HPN3437
Native Mode: 1920 x 1200(p) (59.997Hz)
Output Type: Displayport External
Monitor Capabilities: HDR Not Supported
Display Pixel Format: DISPLAYCONFIG_PIXELFORMAT_32BPP
Advanced Color: Not Supported
Driver Name: igdumd64.dll,igd10iumd64.dll,igd10iumd64.dll
Driver File Version: 10.18.0010.4252 (English)
Driver Version: 10.18.10.4252
DDI Version: 11.2
Feature Levels: 11_0,10_1,10_0,9_3,9_2,9_1

Driver Model: WDDM 1.3
Hardware Scheduling: Supported:False Enabled:False
Graphics Preemption: DMA
Compute Preemption: Thread group
Miracast: Supported
Detachable GPU: No
Hybrid Graphics GPU: Integrated
Power P-states: Not Supported
Virtualization: Not Supported
Block List: DISABLE_HWSCH
Catalog Attributes: N/A
Driver Attributes: Final Retail
Driver Date/Size: 7/10/2015 1:00:00 AM, 11053040 bytes
WHQL Logo'd: Yes
WHQL Date Stamp: Unknown
Device Identifier: {D7B78E66-4226-11CF-1063-D538B4C2C735}
Vendor ID: 0x8086
Device ID: 0x0166
SubSys ID: 0x18DF103C
Revision ID: 0x0009
Driver Strong Name:
oem3.inf:5f63e5341859ec8c:iIVBM_w81:10.18.10.4252:pci\ven_8086&dev_0166
Rank Of Driver: 00DA2001
Video Accel: ModeMPEG2_A ModeMPEG2_C ModeWMV9_C ModeVC1_C
DXVA2 Modes: DXVA2_ModeMPEG2_VLD DXVA2_ModeMPEG2_IDCT DXVA2_ModeVC1_D2010
{E07EC519-E651-4CD6-AC84-1370CCEEC851} {BCC5DB6D-A2B6-4AF0-ACE4-ADB1F787BC89}
DXVA2_ModeWMV9_IDCT DXVA2_ModeVC1_IDCT DXVA2_ModeH264_VLD_NoFGT
{97688186-56A8-4094-B543-FC9DAAA49F4B} {C346E8A3-CBED-4D27-87CC-A70EB4DC8C27}
{FFC79924-5EAF-4666-A736-06190F281443} {F416F7BD-098A-4CF1-A11B-CE54959CA03D}
{49761BEC-4B63-4349-A5FF-87FFDF088466}
Deinterlace Caps: {BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:
Format(In/Out)=(YUY2,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering
{335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
Format(In/Out)=(YUY2,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch
{5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:
Format(In/Out)=(YUY2,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
{BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:
Format(In/Out)=(UYVY,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering
{335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
Format(In/Out)=(UYVY,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch
{5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:

Format(In/Out)=(UYVY,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
{BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:
Format(In/Out)=(YV12,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering
{335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
Format(In/Out)=(YV12,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch
{5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:
Format(In/Out)=(YV12,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
{BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:
Format(In/Out)=(NV12,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering
{335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
Format(In/Out)=(NV12,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch
{5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:
Format(In/Out)=(NV12,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
{BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:
Format(In/Out)=(IMC1,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering
{335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
Format(In/Out)=(IMC1,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch
{5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:
Format(In/Out)=(IMC1,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
{BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:
Format(In/Out)=(IMC2,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering
{335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
Format(In/Out)=(IMC2,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch
{5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:
Format(In/Out)=(IMC2,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
{BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:
Format(In/Out)=(IMC3,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering

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    {335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
Format(In/Out)=(IMC3,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch
    {5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:
Format(In/Out)=(IMC3,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
    {BF752EF6-8CC4-457A-BE1B-08BD1CAEEE9F}:
Format(In/Out)=(IMC4,YUY2) Frames(Prev/Fwd/Back)=(0,0,1) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_EdgeFiltering
    {335AA36E-7884-43A4-9C91-7F87FAF3E37E}:
Format(In/Out)=(IMC4,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
DeinterlaceTech_BOBVerticalStretch
    {5A54A0C9-C7EC-4BD9-8EDE-F3C75DC4393B}:
Format(In/Out)=(IMC4,YUY2) Frames(Prev/Fwd/Back)=(0,0,0) Caps=VideoProcess_YUV2RGB
VideoProcess_StretchX VideoProcess_StretchY VideoProcess_AlphaBlend
    D3D9 Overlay: Supported
        DXVA-HD: Supported
    DDraw Status: Enabled
    D3D Status: Enabled
    AGP Status: Enabled
    MPO MaxPlanes: 1
        MPO Caps: Not Supported
        MPO Stretch: Not Supported
    MPO Media Hints: Not Supported
    MPO Formats: Not Supported
    PanelFitter Caps: Not Supported
    PanelFitter Stretch: Not Supported

```

Sound Devices

```

    Description: HP Z32 (High Definition Audio Device)
Default Sound Playback: Yes
Default Voice Playback: Yes
    Hardware ID: HDAUDIO\FUNC_01&VEN_8086&DEV_2806&SUBSYS_80860101&REV_1000
Manufacturer ID: N/A
    Product ID: N/A
    Type: N/A
    Driver Name: HdAudio.sys
    Driver Version: 10.0.19041.264 (English)
Driver Attributes: Final Retail
    WHQL Logo'd: Yes
    Date and Size: 5/9/2020 1:00:00 AM, 430080 bytes
    Other Files:
Driver Provider: Microsoft
    HW Accel Level: Emulation Only
    Cap Flags: 0xF1F

```


Min/Max Sample Rate: 100, 200000
Static/Strm HW Mix Bufs: 1, 0
Static/Strm HW 3D Bufs: 0, 0
HW Memory: 0
Voice Management: No
EAX(tm) 2.0 Listen/Src: No, No
I3DL2(tm) Listen/Src: No, No
Sensaura(tm) ZoomFX(tm): No

Description: Speakers (2- High Definition Audio Device)
Default Sound Playback: No
Default Voice Playback: No
Hardware ID: HDAUDIO\FUNC_01&VEN_111D&DEV_76E0&SUBSYS_103C18DF&REV_1003
Manufacturer ID: N/A
Product ID: N/A
Type: N/A
Driver Name: HdAudio.sys
Driver Version: 10.0.19041.264 (English)
Driver Attributes: Final Retail
WHQL Logo'd: Yes
Date and Size: 5/9/2020 1:00:00 AM, 430080 bytes
Other Files:
Driver Provider: Microsoft
HW Accel Level: Emulation Only
Cap Flags: 0xF1F

Min/Max Sample Rate: 100, 200000
Static/Strm HW Mix Bufs: 1, 0
Static/Strm HW 3D Bufs: 0, 0
HW Memory: 0
Voice Management: No
EAX(tm) 2.0 Listen/Src: No, No
I3DL2(tm) Listen/Src: No, No
Sensaura(tm) ZoomFX(tm): No

Sound Capture Devices

Description: Microphone (2- High Definition Audio Device)
Default Sound Capture: Yes
Default Voice Capture: Yes
Driver Name: HdAudio.sys
Driver Version: 10.0.19041.264 (English)
Driver Attributes: Final Retail
Date and Size: 5/9/2020 1:00:00 AM, 430080 bytes
Cap Flags: 0x1
Format Flags: 0xFFFFF

Video Capture Devices
Number of Devices: 1

```
-----
    FriendlyName: HP HD Webcam [Fixed]
        Category: Camera
    SymbolicLink:
\\?\usb#vid_05c8&pid_034b&mi_00#7&184bc336&0&0000#{e5323777-f976-4f5b-9b55-b94699c46
e44}\global
        Location: Front
        Rotation: 0
    Manufacturer: Foxlink
    HardwareID:
USB\VID_05C8&PID_034B&REV_0112&MI_00,USB\VID_05C8&PID_034B&MI_00
    DriverDesc: HP HD Webcam [Fixed]
    DriverProvider: SunplusIT
    DriverVersion: 5.0.8.29
    DriverDateEnglish: 4/22/2020 00:00:00
    DriverDateLocalized: 4/22/2020 12:00:00 AM
    Service: usbvideo
    Class: Camera
    DevNodeStatus:
180200A[DN_DRIVER_LOADED|DN_STARTED|DN_DISABLEABLE|DN_NT_ENUMERATOR|DN_NT_DRIVER]
    ContainerId: {00000000-0000-0000-FFFF-FFFFFFFFFFFF}
    ProblemCode: No Problem
    BusReportedDeviceDesc: HP HD Webcam [Fixed]
        Parent: USB\VID_05C8&PID_034B\6&26483110&0&3
    DriverProblemDesc: n/a
    UpperFilters: n/a
    LowerFilters: WdmCompanionFilter
    Stack:
\Driver\ksthunk,\Driver\usbvideo,\Driver\ACPI,\Driver\usbccgp
    ContainerCategory: n/a
    SensorGroupID: n/a
        MFT0: n/a
        DMFT: {55DF2DA5-6817-486f-933B-2324858CAE30}
    CustomCaptureSource: n/a
    DependentStillCapture: n/a
    EnablePlatformDMFT: n/a
        DMFTChain: n/a
    EnabledshowRedirection: True
    FrameServerEnabled: n/a
    AnalogProviders: n/a
    ProfileIDs: n/a
-----
```

DirectInput Devices

```
    Device Name: Mouse
        Attached: 1
    Controller ID: n/a
    Vendor/Product ID: n/a
        FF Driver: n/a
```

Device Name: Keyboard
Attached: 1
Controller ID: n/a
Vendor/Product ID: n/a
FF Driver: n/a

Device Name: USB Receiver
Attached: 1
Controller ID: 0x0
Vendor/Product ID: 0x046D, 0xC52F
FF Driver: n/a

Device Name: USB Receiver
Attached: 1
Controller ID: 0x0
Vendor/Product ID: 0x046D, 0xC52F
FF Driver: n/a

Device Name: USB Receiver
Attached: 1
Controller ID: 0x0
Vendor/Product ID: 0x046D, 0xC52F
FF Driver: n/a

Device Name: HP Wireless Button Driver
Attached: 1
Controller ID: 0x0
Vendor/Product ID: 0x0001, 0x0001
FF Driver: n/a

Poll w/ Interrupt: No

USB Devices

+ USB Root Hub (USB 3.0)
| Vendor/Product ID: 0x8086, 0x1E31
| Matching Device ID: USB\ROOT_HUB30
| Service: USBHUB3
| Driver: USBHUB3.SYS, 9/24/2021 10:01:05, 648016 bytes
|
+--+ USB Composite Device
| | Vendor/Product ID: 0x046D, 0xC52F
| | Location: Port_#0003.Hub_#0003
| | Matching Device ID: USB\COMPOSITE
| | Service: usbccgp
| | Driver: usbccgp.sys, 11/19/2020 03:48:30, 185664 bytes
| |
| +--+ USB Input Device

```
| | | Vendor/Product ID: 0x046D, 0xC52F
| | | Location: 0000.0014.0000.003.000.000.000.000
| | | Matching Device ID: USB\Class_03&SubClass_01
| | | Service: HidUsb
| | | Driver: hidusb.sys, 4/17/2021 19:04:10, 44032 bytes
| | | Driver: hidclass.sys, 4/17/2021 19:04:10, 225792 bytes
| | | Driver: hidparse.sys, 4/17/2021 19:04:10, 46080 bytes
| | |
| | +-+ HID-compliant mouse
| | | | Vendor/Product ID: 0x046D, 0xC52F
| | | | Matching Device ID: HID_DEVICE_SYSTEM_MOUSE
| | | | Service: mouhid
| | | | Driver: mouhid.sys, 12/7/2019 10:07:56, 35328 bytes
| | | | Driver: mouclass.sys, 12/7/2019 10:07:56, 67600 bytes
```

Gameport Devices

PS/2 Devices

```
+ Standard PS/2 Keyboard
| Matching Device ID: *PNP0303
| Service: i8042prt
| Driver: i8042prt.sys, 12/7/2019 10:07:56, 118272 bytes
| Driver: kbdclass.sys, 12/7/2019 10:07:56, 71480 bytes
|
+ Synaptics SMBus TouchPad
| Matching Device ID: acpi\syn019e
| Upper Filters: SynTP
| Service: i8042prt
| Driver: SynTP.sys, 9/6/2017 15:09:34, 640216 bytes
| Driver: Smb_driver_Intel_Aux.sys, 9/6/2017 15:09:30, 51936 bytes
| Driver: Smb_driver_AMDASF_Aux.sys, 9/6/2017 15:09:30, 51424 bytes
| Driver: SynRMIIHID_Aux.sys, 9/6/2017 15:09:34, 66776 bytes
| Driver: SynTPAPI.dll, 9/6/2017 15:09:34, 278240 bytes
| Driver: SynCOM.dll, 9/6/2017 15:09:30, 779480 bytes
| Driver: pca-manta.bin, 8/17/2017 02:49:26, 231456 bytes
| Driver: calibration.bin, 8/17/2017 02:49:26, 92 bytes
| Driver: SynTPRes.dll, 9/6/2017 15:09:38, 19213528 bytes
| Driver: SynTPCpl.dll, 9/6/2017 15:09:36, 3945688 bytes
| Driver: SynCntxt.rtf, 8/17/2017 03:58:40, 12658407 bytes
| Driver: SynZMetr.exe, 9/6/2017 15:09:38, 1897184 bytes
| Driver: SynMood.exe, 9/6/2017 15:09:34, 1920736 bytes
| Driver: SynTPEnh.exe, 9/6/2017 15:09:36, 3966168 bytes
| Driver: Tutorial.exe, 9/6/2017 15:09:38, 1908448 bytes
| Driver: InstNT.exe, 9/6/2017 15:09:28, 328408 bytes
| Driver: SynISDLL.dll, 9/6/2017 15:09:32, 358112 bytes
| Driver: SynUnst.ini, 8/17/2017 03:40:02, 1867677 bytes
```

| Driver: SynRemoveUserSettings.dat, 8/17/2017 03:40:34, 1315 bytes
| Driver: SynTPHelper.exe, 9/6/2017 15:09:38, 219360 bytes
| Driver: SynTPEnhService.exe, 9/6/2017 15:09:36, 256224 bytes
| Driver: StaticImg.html, 6/16/2016 01:41:14, 968 bytes
| Driver: StaticImg.png, 6/16/2016 01:41:14, 107143 bytes
| Driver: SynSysDetect.js, 6/16/2016 01:41:30, 1589 bytes
| Driver: Syn2FingerScrolling.wmv, 6/16/2016 01:41:16, 650659 bytes
| Driver: Syn3FingerFlick.wmv, 6/16/2016 01:41:18, 774019 bytes
| Driver: Syn4FingerFlick.wmv, 6/16/2016 01:41:20, 795115 bytes
| Driver: Syn4FFlickVNB.wmv, 6/16/2016 01:41:20, 717383 bytes
| Driver: SynSmartSense.wmv, 6/16/2016 01:41:30, 345343 bytes
| Driver: SynSmartSenseNB.wmv, 6/16/2016 01:41:30, 340930 bytes
| Driver: Syn4FingerFlickUpDown.wmv, 6/16/2016 01:41:20, 1264895 bytes
| Driver: Syn4FingerFlickUpDownNB.wmv, 6/16/2016 01:41:20, 1222781 bytes
| Driver: Syn4FingerFlickLeftRight.wmv, 6/16/2016 01:41:20, 1201694 bytes
| Driver: Syn4FingerFlickLeftRightNB.wmv, 6/16/2016 01:41:20, 938952 bytes
| Driver: Syn3FingerPress.wmv, 6/16/2016 01:41:18, 149361 bytes
| Driver: SynEdgeMotion.wmv, 6/16/2016 01:41:24, 790425 bytes
| Driver: SynLinearScrolling.wmv, 6/16/2016 01:41:26, 486299 bytes
| Driver: SynMomentum.wmv, 6/16/2016 01:41:26, 231541 bytes
| Driver: SynMomentumScrolling.wmv, 6/16/2016 01:41:26, 1513885 bytes
| Driver: SynPinchZoom.wmv, 6/16/2016 01:41:28, 361085 bytes
| Driver: SynBlackScreen.wmv, 6/16/2016 01:41:20, 14729 bytes
| Driver: SynPivotRotate.wmv, 6/16/2016 01:41:28, 609629 bytes
| Driver: SynTwistRotate.wmv, 6/16/2016 01:41:34, 535667 bytes
| Driver: SynCoverGesture.wmv, 6/16/2016 01:41:24, 633185 bytes
| Driver: SynChiralRotate.wmv, 6/16/2016 01:41:22, 321969 bytes
| Driver: SynChiralScrolling.wmv, 6/16/2016 01:41:22, 1776645 bytes
| Driver: SynCoastingScrolling.wmv, 6/16/2016 01:41:22, 880823 bytes
| Driver: SynPointing.wmv, 6/16/2016 01:41:28, 89721 bytes
| Driver: SynPalmCheck.wmv, 6/16/2016 01:41:26, 278039 bytes
| Driver: SynSensitivity.wmv, 6/16/2016 01:41:30, 183903 bytes
| Driver: SynWindowConstrained.wmv, 6/16/2016 01:41:34, 250401 bytes
| Driver: SynSlowMotion.wmv, 6/16/2016 01:41:30, 255951 bytes
| Driver: SynConstrainedMotion.wmv, 6/16/2016 01:41:24, 1174655 bytes
| Driver: SynTapping.wmv, 6/16/2016 01:41:32, 67389 bytes
| Driver: SynButtons.wmv, 6/16/2016 01:41:20, 190451 bytes
| Driver: SynTouchStykSelect.wmv, 6/16/2016 01:41:32, 84183 bytes
| Driver: SynTouchStykButton.wmv, 6/16/2016 01:41:32, 95259 bytes
| Driver: SynTouchStykSensitivity.wmv, 6/16/2016 01:41:32, 183909 bytes
| Driver: SynEdgeMotionDragging.wmv, 6/16/2016 01:41:24, 174015 bytes
| Driver: SynEdgeMotionFixedSpeed.wmv, 6/16/2016 01:41:24, 174015 bytes
| Driver: SynEdgeMotionPointing.wmv, 6/16/2016 01:41:24, 157579 bytes
| Driver: SynEdgeMotionPressure.wmv, 6/16/2016 01:41:24, 67539 bytes
| Driver: SynNoButtons.wmv, 6/16/2016 01:41:26, 28715 bytes
| Driver: SynTapZones.wmv, 6/16/2016 01:41:32, 215105 bytes
| Driver: SynLinearHScrolling.wmv, 6/16/2016 01:41:24, 527389 bytes
| Driver: Syn2FingerHScrolling.wmv, 6/16/2016 01:41:16, 626005 bytes
| Driver: SynTapHoldToDrag.wmv, 6/16/2016 01:41:32, 62001 bytes
| Driver: SynTapLockingDrag.wmv, 6/16/2016 01:41:32, 95259 bytes

| Driver: Syn1FingerClickNB.wmv, 6/16/2016 01:41:14, 141143 bytes
| Driver: Syn1FingerClickDrag.wmv, 6/16/2016 01:41:14, 338125 bytes
| Driver: Syn2FingerClickDrag.wmv, 6/16/2016 01:41:14, 471371 bytes
| Driver: Syn2FingerFlickNB.wmv, 6/16/2016 01:41:14, 675403 bytes
| Driver: Syn2FingerFlickLR.wmv, 6/16/2016 01:41:14, 502795 bytes
| Driver: Syn2FingerHScrollingNB.wmv, 6/16/2016 01:41:16, 617787 bytes
| Driver: Syn2FingerScrollingNB.wmv, 6/16/2016 01:41:16, 634223 bytes
| Driver: Syn3FingerFlickNB.wmv, 6/16/2016 01:41:18, 749365 bytes
| Driver: Syn3FingerPressNB.wmv, 6/16/2016 01:41:18, 141143 bytes
| Driver: Syn4FingerFlickNB.wmv, 6/16/2016 01:41:20, 1243838 bytes
| Driver: SynButtonsNB.wmv, 6/16/2016 01:41:20, 182233 bytes
| Driver: SynChiralRotateNB.wmv, 6/16/2016 01:41:22, 313751 bytes
| Driver: SynChiralScrollingNB.wmv, 6/16/2016 01:41:22, 1760209 bytes
| Driver: SynCoastingScrollingNB.wmv, 6/16/2016 01:41:22, 872605 bytes
| Driver: SynCoverGestureNB.wmv, 6/16/2016 01:41:24, 633185 bytes
| Driver: SynEdgeMotionDraggingNB.wmv, 6/16/2016 01:41:24, 165797 bytes
| Driver: SynEdgeMotionFixedSpeedNB.wmv, 6/16/2016 01:41:24, 165797 bytes
| Driver: SynEdgeMotionPointingNB.wmv, 6/16/2016 01:41:24, 149361 bytes
| Driver: SynEdgeMotionPressureNB.wmv, 6/16/2016 01:41:24, 62003 bytes
| Driver: SynLinearHScrollingNB.wmv, 6/16/2016 01:41:24, 519171 bytes
| Driver: SynMomentumScrollingNB.wmv, 6/16/2016 01:41:26, 1482533 bytes
| Driver: SynPinchZoomNB.wmv, 6/16/2016 01:41:28, 350007 bytes
| Driver: SynPivotRotateNB.wmv, 6/16/2016 01:41:28, 535667 bytes
| Driver: SynTapHoldToDragNB.wmv, 6/16/2016 01:41:32, 56465 bytes
| Driver: SynTapLockingDragNB.wmv, 6/16/2016 01:41:32, 100797 bytes
| Driver: SynTwistRotateNB.wmv, 6/16/2016 01:41:34, 527449 bytes
| Driver: SynPointingNB.wmv, 6/16/2016 01:41:28, 84183 bytes
| Driver: Syn2FingerMomentumVHScrolling.wmv, 6/16/2016 01:41:16, 895723 bytes
| Driver: Syn2FingerMomentumVHScrollingNB.wmv, 6/16/2016 01:41:16, 862177 bytes
| Driver: Syn2FingerMomentumVScrolling_win8.wmv, 6/16/2016 01:41:16, 597933 bytes
| Driver: Syn2FingerMomentumVScrollingNB_win8.wmv, 6/16/2016 01:41:16, 586882 bytes
| Driver: Syn2FingerMomentumHScrolling_win8.wmv, 6/16/2016 01:41:16, 575831 bytes
| Driver: Syn2FingerMomentumHScrollingNB_win8.wmv, 6/16/2016 01:41:16, 564780 bytes
| Driver: Syn2FingerVHCoasting.wmv, 6/16/2016 01:41:18, 1794763 bytes
| Driver: Syn2FingerVHCoastingNB.wmv, 6/16/2016 01:41:18, 3445345 bytes
| Driver: Syn2FingerVCoasting_win8.wmv, 6/16/2016 01:41:16, 919145 bytes
| Driver: Syn2FingerHCoasting_win8.wmv, 6/16/2016 01:41:18, 1003421 bytes
| Driver: Syn2FingerVCoastingNB_win8.wmv, 6/16/2016 01:41:16, 933191 bytes
| Driver: Syn2FingerHCoastingNB_win8.wmv, 6/16/2016 01:41:16, 847921 bytes
| Driver: SynMomentumVHScrolling.wmv, 6/16/2016 01:41:26, 1408837 bytes
| Driver: SynMomentumVHScrollingNB.wmv, 6/16/2016 01:41:26, 1389179 bytes
| Driver: SynVHCoasting.wmv, 6/16/2016 01:41:34, 1955445 bytes
| Driver: Syn2FingerHScrolling_win8.wmv, 6/16/2016 01:41:16, 432126 bytes
| Driver: Syn2FingerHScrollingNB_win8.wmv, 6/16/2016 01:41:16, 421117 bytes
| Driver: SynChiralScrolling_win8.wmv, 6/16/2016 01:41:22, 819031 bytes
| Driver: SynChiralScrollingNB_win8.wmv, 6/16/2016 01:41:22, 741716 bytes
| Driver: SynLinearHScrolling_win8.wmv, 6/16/2016 01:41:26, 376913 bytes
| Driver: SynLinearHScrollingNB_win8.wmv, 6/16/2016 01:41:24, 354811 bytes
| Driver: SynLinearScrolling_win8.wmv, 6/16/2016 01:41:26, 354811 bytes
| Driver: SynLinearScrollingNB_win8.wmv, 6/16/2016 01:41:26, 332709 bytes

| Driver: SynPivotRotate_win8.wmv, 6/16/2016 01:41:28, 498534 bytes
| Driver: SynPivotRotateNB_win8.wmv, 6/16/2016 01:41:28, 365880 bytes
| Driver: SynTwistRotate_win8.wmv, 6/16/2016 01:41:34, 421135 bytes
| Driver: SynTwistRotateNB_win8.wmv, 6/16/2016 01:41:34, 410084 bytes
| Driver: SynEdgePulls.wmv, 6/16/2016 01:41:24, 1247447 bytes
| Driver: Syn4FingerFlick_win8.wmv, 6/16/2016 01:41:20, 598023 bytes
| Driver: Syn4FingerFlickNB_win8.wmv, 6/16/2016 01:41:20, 564870 bytes
| Driver: Syn2FingerScrolling.html, 6/16/2016 01:41:16, 3216 bytes
| Driver: Syn2FingerFlick.html, 6/16/2016 01:41:14, 3212 bytes
| Driver: Syn3FingerFlick.html, 6/16/2016 01:41:18, 3212 bytes
| Driver: Syn4FingerFlick.html, 6/16/2016 01:41:20, 3212 bytes
| Driver: Syn4FingerFlickUpDown.html, 6/16/2016 01:41:20, 3218 bytes
| Driver: Syn4FingerFlickLeftRight.html, 6/16/2016 01:41:20, 3221 bytes
| Driver: Syn3FingerPress.html, 6/16/2016 01:41:18, 3212 bytes
| Driver: SynEdgeMotion.html, 6/16/2016 01:41:24, 3210 bytes
| Driver: SynMomentum.html, 6/16/2016 01:41:26, 3208 bytes
| Driver: SynPinchZoom.html, 6/16/2016 01:41:28, 3209 bytes
| Driver: SynRotating.html, 6/16/2016 01:41:30, 3208 bytes
| Driver: SynTwistRotate.html, 6/16/2016 01:41:32, 3211 bytes
| Driver: SynCoverGesture.html, 6/16/2016 01:41:24, 3212 bytes
| Driver: SynAccessibility.html, 6/16/2016 01:41:20, 3221 bytes
| Driver: SynSmartSense.html, 6/16/2016 01:41:30, 3210 bytes
| Driver: SynButtons.html, 6/16/2016 01:41:20, 3207 bytes
| Driver: SynClicking.html, 6/16/2016 01:41:22, 3208 bytes
| Driver: SynMultiFingerGestures.html, 6/16/2016 01:41:26, 3219 bytes
| Driver: SynPalmCheck.html, 6/16/2016 01:41:26, 3209 bytes
| Driver: SynPointing.html, 6/16/2016 01:41:28, 3208 bytes
| Driver: SynScrolling.html, 6/16/2016 01:41:30, 3209 bytes
| Driver: SynSensitivity.html, 6/16/2016 01:41:30, 3211 bytes
| Driver: SynTapping.html, 6/16/2016 01:41:32, 3207 bytes
| Driver: SynTouchStykButton.html, 6/16/2016 01:41:32, 3215 bytes
| Driver: SynTouchStykSelect.html, 6/16/2016 01:41:32, 3215 bytes
| Driver: SynTouchStykSensitivity.html, 6/16/2016 01:41:32, 3220 bytes
| Driver: SynScrollingVertical.html, 6/16/2016 01:41:30, 3217 bytes
| Driver: SynScrollingHorizontal.html, 6/16/2016 01:41:30, 3219 bytes
| Driver: SynScrollingChiral.html, 6/16/2016 01:41:30, 3215 bytes
| Driver: SynLockingDrags.html, 6/16/2016 01:41:26, 3212 bytes
| Driver: SynEdgePulls.html, 6/16/2016 01:41:24, 3162 bytes
| Driver: Syn2FingerScrolling_win8.wmv, 6/16/2016 01:41:16, 398973 bytes
| Driver: Syn2FingerScrollingNB_win8.wmv, 6/16/2016 01:41:16, 387964 bytes
| Driver: SynTappingNB.wmv, 6/16/2016 01:41:32, 67389 bytes
| Driver: Syn2FingerRightClickNB.wmv, 6/16/2016 01:41:16, 190451 bytes
| Driver: SynVHCoastingNB.wmv, 6/16/2016 01:41:34, 1979037 bytes
| Driver: SynEdgePullsNB.wmv, 6/16/2016 01:41:24, 1184745 bytes
| Driver: SynPalmCheckNB.wmv, 6/16/2016 01:41:26, 266961 bytes
| Driver: SynLinearScrollingNB.wmv, 6/16/2016 01:41:26, 478081 bytes
| Driver: SynSensitivityNB.wmv, 6/16/2016 01:41:30, 172829 bytes
| Driver: SynMomentumNB.wmv, 6/16/2016 01:41:26, 223323 bytes
| Driver: SynTapZonesNB.wmv, 6/16/2016 01:41:32, 206887 bytes
| Driver: SynTapZonesNB_win8.wmv, 6/16/2016 01:41:32, 155875 bytes

| Driver: SynEdgeMotionNB.wmv, 6/16/2016 01:41:24, 782207 bytes
| Driver: SynSlowMotionNB.wmv, 6/16/2016 01:41:30, 239337 bytes
| Driver: SynConstrainedMotionNB.wmv, 6/16/2016 01:41:24, 1122071 bytes
| Driver: SynWindowConstrainedNB.wmv, 6/16/2016 01:41:34, 239325 bytes
| Driver: Syn3FHSlide.wmv, 6/16/2016 01:41:18, 243720 bytes
| Driver: Syn3FHSlideNB.wmv, 6/16/2016 01:41:18, 202757 bytes
| Driver: Syn3FTapActionCenter.wmv, 6/16/2016 01:41:18, 108227 bytes
| Driver: Syn3FTapActionCenterNB.wmv, 6/16/2016 01:41:18, 105076 bytes
| Driver: Syn3FTapCortana.wmv, 6/16/2016 01:41:18, 111378 bytes
| Driver: Syn3FTapCortanaNB.wmv, 6/16/2016 01:41:18, 108227 bytes
| Driver: Syn4FTapActionCenter.wmv, 6/16/2016 01:41:20, 111378 bytes
| Driver: Syn4FTapActionCenterNB.wmv, 6/16/2016 01:41:20, 108227 bytes
| Driver: Syn4FTapCortana.wmv, 6/16/2016 01:41:20, 114529 bytes
| Driver: Syn4FTapCortanaNB.wmv, 6/16/2016 01:41:20, 111378 bytes
| Driver: Syn3FClickActionCenterNB.wmv, 6/16/2016 01:41:18, 139737 bytes
| Driver: Syn3FClickCortanaNB.wmv, 6/16/2016 01:41:18, 149190 bytes
| Driver: Syn4FClickActionCenterNB.wmv, 6/16/2016 01:41:20, 158643 bytes
| Driver: Syn4FClickCortanaNB.wmv, 6/16/2016 01:41:20, 164945 bytes
| Driver: Syn3FVSlide.wmv, 6/16/2016 01:41:18, 395018 bytes
| Driver: Syn3FVSlideNB.wmv, 6/16/2016 01:41:18, 363508 bytes
| Driver: dpinst.exe, 9/6/2017 15:09:20, 1066208 bytes
| Driver: SynSmbDrv.ini, 8/17/2017 03:40:02, 6089 bytes
| Driver: SynRMIHID.ini, 8/17/2017 03:40:02, 3070 bytes
| Driver: hidemi.ini, 8/21/2015 18:30:08, 2667 bytes
| Driver: mchpemi.ini, 8/21/2015 18:30:08, 1994 bytes
| Driver: SynHidMini.ini, 8/17/2017 03:39:56, 5873 bytes
| Driver: ButtonClick.wav, 8/17/2017 02:33:28, 484 bytes
| Driver: ButtonRelease.wav, 8/17/2017 02:33:28, 356 bytes
| Driver: ForcePad Settings.lnk, 8/17/2017 02:34:04, 2274 bytes
| Driver: ForcePad Tutorial.lnk, 8/17/2017 02:34:04, 3199 bytes
| Driver: SynFPT.exe, 9/6/2017 15:09:32, 141536 bytes
| Driver: SynFPApp.exe, 9/6/2017 15:09:32, 124640 bytes
| Driver: SynFPAppNet35.exe, 9/6/2017 15:09:32, 112856 bytes
| Driver: WPFsynPage.dll, 9/6/2017 15:09:40, 7413984 bytes
| Driver: WPFsynPageNet35.dll, 9/6/2017 15:09:40, 7409880 bytes
| Driver: msvcp120.dll, 9/6/2017 15:09:28, 465112 bytes
| Driver: msvcr120.dll, 9/6/2017 15:09:28, 980264 bytes
| Driver: SynForcepadApp.rtf, 8/17/2017 02:33:58, 44770 bytes
| Driver: SynLogo.png, 8/17/2017 02:34:04, 7343 bytes
| Driver: Syn1FCornerClickForce.wmv, 6/16/2016 01:41:14, 50321 bytes
| Driver: SynCornerClickForce.wmv, 6/16/2016 01:41:24, 56541 bytes
| Driver: SynPinchFingerForce.wmv, 6/16/2016 01:41:28, 178299 bytes
| Driver: SynPinchThumbForce.wmv, 6/16/2016 01:41:28, 194943 bytes
| Driver: Syn2FVScrollForce.wmv, 6/16/2016 01:41:14, 361131 bytes
| Driver: Syn2FHScrollForce.wmv, 6/16/2016 01:41:14, 289059 bytes
| Driver: Syn1FVScrollForce.wmv, 6/16/2016 01:41:14, 350055 bytes
| Driver: Syn1FHScrollForce.wmv, 6/16/2016 01:41:14, 383205 bytes
| Driver: Syn1FDragForce.wmv, 6/16/2016 01:41:14, 170529 bytes
| Driver: Syn2FClickForce.wmv, 6/16/2016 01:41:14, 73155 bytes
| Driver: Syn1FHScrollForce_Win8.wmv, 6/16/2016 01:41:14, 377667 bytes

| Driver: Syn1FVScrollForce_Win8.wmv, 6/16/2016 01:41:14, 350055 bytes
| Driver: Syn2FHScrollForce_Win8.wmv, 6/16/2016 01:41:14, 377745 bytes
| Driver: Syn2FVScrollForce_Win8.wmv, 6/16/2016 01:41:14, 366669 bytes
| Driver: Syn2FDragForce.wmv, 6/16/2016 01:41:14, 205044 bytes
| Driver: Syn1FThumbDrag.wmv, 6/16/2016 01:41:14, 461252 bytes
| Driver: Syn2FVScrollNForce.wmv, 6/16/2016 01:41:14, 332983 bytes
| Driver: Syn2FVScrollNForce_win8.wmv, 6/16/2016 01:41:14, 321869 bytes
| Driver: Syn2FPinchForce.wmv, 6/16/2016 01:41:14, 280581 bytes
| Driver: Syn2FPinchZoom.wmv, 6/16/2016 01:41:14, 372715 bytes
| Driver: Syn2FingerScrollRevNB.wmv, 6/16/2016 01:41:16, 342513 bytes
| Driver: SynTapAgainHoldToDrag.wmv, 6/16/2016 01:41:32, 169419 bytes
| Driver: StaticImgNB.PNG, 6/16/2016 01:41:14, 81676 bytes
| Driver: StaticImgNB.html, 6/16/2016 01:41:14, 970 bytes
| Driver: animated-overlay.gif, 8/17/2017 02:34:04, 1738 bytes
| Driver: clicking.m4v, 8/17/2017 02:34:04, 58642 bytes
| Driver: dragging.m4v, 8/17/2017 02:34:04, 172102 bytes
| Driver: img_clicking.png, 8/17/2017 02:34:04, 14699 bytes
| Driver: img_controlpanel.png, 8/17/2017 02:34:04, 88125 bytes
| Driver: img_controlpanel_scroll.png, 8/17/2017 02:34:06, 71821 bytes
| Driver: img_dragging.png, 8/17/2017 02:34:06, 15559 bytes
| Driver: img_logo.png, 8/17/2017 02:34:06, 5269 bytes
| Driver: img_scrolling.png, 8/17/2017 02:34:06, 17079 bytes
| Driver: img_touchpad.png, 8/17/2017 02:34:06, 24785 bytes
| Driver: img_video.png, 8/17/2017 02:34:06, 1848 bytes
| Driver: img_volume.png, 8/17/2017 02:34:06, 77067 bytes
| Driver: jquery-1.10.2.min.js, 8/17/2017 02:34:06, 93113 bytes
| Driver: jquery-ui-1.10.3.min.css, 8/17/2017 02:34:06, 26923 bytes
| Driver: jquery-ui-1.10.3.min.js, 8/17/2017 02:34:06, 228144 bytes
| Driver: scrolling.m4v, 8/17/2017 02:34:06, 238525 bytes
| Driver: style.css, 8/17/2017 02:34:06, 828 bytes
| Driver: ui-bg_diagonals-thick_75_f3d8d8_40x40.png, 8/17/2017 02:34:06, 413 bytes
| Driver: ui-bg_dots-small_65_a6a6a6_2x2.png, 8/17/2017 02:34:06, 207 bytes
| Driver: ui-bg_flat_0_333333_40x100.png, 8/17/2017 02:34:06, 220 bytes
| Driver: ui-bg_flat_65_ffffff_40x100.png, 8/17/2017 02:34:06, 208 bytes
| Driver: ui-bg_flat_75_ffffff_40x100.png, 8/17/2017 02:34:06, 208 bytes
| Driver: ui-bg_glass_55_fbf8ee_1x400.png, 8/17/2017 02:34:06, 340 bytes
| Driver: ui-bg_highlight-hard_100_eeeeee_1x100.png, 8/17/2017 02:34:06, 252 bytes
| Driver: ui-bg_highlight-hard_100_f6f6f6_1x100.png, 8/17/2017 02:34:06, 251 bytes
| Driver: ui-bg_highlight-soft_15_cc0000_1x100.png, 8/17/2017 02:34:06, 322 bytes
| Driver: ui-icons_004276_256x240.png, 8/17/2017 02:34:06, 4549 bytes
| Driver: ui-icons_cc0000_256x240.png, 8/17/2017 02:34:06, 4549 bytes
| Driver: ui-icons_ffffff_256x240.png, 8/17/2017 02:34:06, 6299 bytes
| Driver: icon_web.ico, 8/17/2017 02:34:04, 1406 bytes
| Driver: SynCom.dll, 9/6/2017 15:09:32, 429784 bytes
| Driver: mouclass.sys, 12/7/2019 10:07:56, 67600 bytes
| Driver: i8042prt.sys, 12/7/2019 10:07:56, 118272 bytes
| Driver: SynTPCo35-02.dll, 9/6/2017 15:09:36, 291040 bytes
| Driver: WdfCoInstaller01011.dll, 9/6/2017 15:09:38, 1805328 bytes

Disk & DVD/CD-ROM Drives

Drive: C:
Free Space: 139.1 GB
Total Space: 243.6 GB
File System: NTFS
Model: SAMSUNG MZ7PD256HAFV-000H7

System Devices

Name: PCI Express Root Port
Device ID: PCI\VEN_8086&DEV_1E14&SUBSYS_18DF103C&REV_C4\3&33FD14CA&0&E2
Driver: C:\Windows\system32\DRIVERS\pci.sys, 10.00.19041.1387 (English),
12/17/2021 11:38:08, 469840 bytes

Name: Intel(R) 7 Series/C216 Chipset Family USB Enhanced Host Controller - 1E2D
Device ID: PCI\VEN_8086&DEV_1E2D&SUBSYS_18DF103C&REV_04\3&33FD14CA&0&D0
Driver: C:\Windows\system32\drivers\usbehci.sys, 10.00.19041.0001 (English),
12/7/2019 10:07:56, 86544 bytes
Driver: C:\Windows\system32\drivers\usbport.sys, 10.00.19041.0001 (English),
12/7/2019 10:07:56, 473400 bytes
Driver: C:\Windows\system32\drivers\usbhub.sys, 10.00.19041.0001 (English),
12/7/2019 10:07:56, 528184 bytes

Name: Base System Device
Device ID: PCI\VEN_197B&DEV_2392&SUBSYS_18DF103C&REV_30\4&113B8F64&0&0E2
Driver: n/a

Name: LPC Controller
Device ID: PCI\VEN_8086&DEV_1E55&SUBSYS_18DF103C&REV_04\3&33FD14CA&0&F8
Driver: C:\Windows\system32\DRIVERS\msisadrv.sys, 10.00.19041.1202 (English),
9/24/2021 10:01:04, 20280 bytes

Name: Memory Controller
Device ID: PCI\VEN_8086&DEV_0154&SUBSYS_18DF103C&REV_09\3&33FD14CA&0&00
Driver: n/a

Name: Synaptics SMBus Driver
Device ID: PCI\VEN_8086&DEV_1E22&SUBSYS_18DF103C&REV_04\3&33FD14CA&0&FB
Driver: C:\Windows\system32\DRIVERS\Smb_driver_Intel.sys, 19.00.0019.0063
(English), 9/6/2017 15:09:30, 51936 bytes
Driver: C:\Program Files\Synaptics\SynTP\SynSmbDrv.ini, 8/17/2017 03:40:02, 6089
bytes
Driver: C:\Windows\system32\WdfCoInstaller01011.dll, 1.11.9200.16384 (English),
9/6/2017 15:09:38, 1805328 bytes

Name: PCI Express Root Port
Device ID: PCI\VEN_8086&DEV_1E10&SUBSYS_18DF103C&REV_C4\3&33FD14CA&0&E0
Driver: C:\Windows\system32\DRIVERS\pci.sys, 10.00.19041.1387 (English),

12/17/2021 11:38:08, 469840 bytes

Name: PCI Simple Communications Controller

Device ID: PCI\VEN_8086&DEV_1E3A&SUBSYS_18DF103C&REV_04\3&33FD14CA&0&B0

Driver: n/a

Name: Standard SATA AHCI Controller

Device ID: PCI\VEN_8086&DEV_1E03&SUBSYS_18DF103C&REV_04\3&33FD14CA&0&FA

Driver: C:\Windows\system32\DRIVERS\storahci.sys, 10.00.19041.1288 (English),
10/14/2021 23:31:11, 186168 bytes

Name: Intel(R) USB 3.0 eXtensible Host Controller - 1.0 (Microsoft)

Device ID: PCI\VEN_8086&DEV_1E31&SUBSYS_18DF103C&REV_04\3&33FD14CA&0&A0

Driver: C:\Windows\system32\DRIVERS\USBXHCI.SYS, 10.00.19041.1566 (English),
3/10/2022 20:35:14, 624976 bytes

Driver: C:\Windows\system32\DRIVERS\UMDF\UsbXhciCompanion.dll, 10.00.19041.1566
(English), 3/10/2022 20:35:14, 138976 bytes

Name: Intel(R) Centrino(R) Advanced-N 6205

Device ID: PCI\VEN_8086&DEV_0082&SUBSYS_13018086&REV_34\6C8814FFFF57C43800

Driver: C:\Windows\system32\DRIVERS\NETwew01.sys, 15.16.0000.0002 (English),
12/7/2019 10:07:47, 3343872 bytes

Driver: C:\Windows\system32\DRIVERS\Netfw01.dat, 12/7/2019 10:07:47, 8108584
bytes

Name: Intel(R) 82579LM Gigabit Network Connection

Device ID: PCI\VEN_8086&DEV_1502&SUBSYS_18DF103C&REV_04\3&33FD14CA&0&C8

Driver: C:\Windows\system32\DRIVERS\e1i65x64.sys, 12.17.0010.0008 (English),
12/7/2019 10:07:47, 553984 bytes

Name: PCI Serial Port

Device ID: PCI\VEN_8086&DEV_1E3D&SUBSYS_18DF103C&REV_04\3&33FD14CA&0&B3

Driver: n/a

Name: Intel(R) HD Graphics 4000

Device ID: PCI\VEN_8086&DEV_0166&SUBSYS_18DF103C&REV_09\3&33FD14CA&0&10

Driver: C:\Windows\system32\DRIVERS\igdkmd64.sys, 10.18.0010.4252 (English),
7/31/2015 07:45:32, 3797960 bytes

Driver: C:\Windows\system32\igd10iumd64.dll, 10.18.0010.4252 (English), 7/31/2015
07:46:22, 12334064 bytes

Driver: C:\Windows\system32\igdusc64.dll, 10.18.0010.4252 (English), 7/31/2015
07:46:22, 4636608 bytes

Driver: C:\Windows\system32\igdm64.dll, 10.18.0010.4252 (English), 7/31/2015
07:46:22, 467688 bytes

Driver: C:\Windows\system32\igfxcmrt64.dll, 3.00.0000.1284 (English), 7/31/2015
07:46:22, 199080 bytes

Driver: C:\Windows\system32\igfx11cmrt64.dll, 3.00.0000.1284 (English), 7/31/2015
07:45:32, 193520 bytes

Driver: C:\Windows\system32\igfxcmjit64.dll, 3.00.0000.1284 (English), 7/31/2015
07:45:32, 2035696 bytes

Driver: C:\Windows\system32\IccLibDll_x64.dll, 7/31/2015 07:45:32, 102896 bytes
Driver: C:\Windows\system32\igdde64.dll, 7/31/2015 07:45:32, 232944 bytes
Driver: C:\Windows\SysWow64\igdde32.dll, 7/31/2015 07:45:32, 194544 bytes
Driver: C:\Windows\system32\iglhxs64.vp, 7/11/2015 09:49:46, 2564 bytes
Driver: C:\Windows\system32\iglhxo64.vp, 7/11/2015 09:29:50, 44025 bytes
Driver: C:\Windows\system32\iglhxc64.vp, 7/11/2015 09:29:50, 43494 bytes
Driver: C:\Windows\system32\iglhxg64.vp, 7/11/2015 09:29:50, 43256 bytes
Driver: C:\Windows\system32\iglhxo64_dev.vp, 7/11/2015 09:29:50, 42079 bytes
Driver: C:\Windows\system32\iglhxc64_dev.vp, 7/11/2015 09:29:50, 43816 bytes
Driver: C:\Windows\system32\iglhxg64_dev.vp, 7/11/2015 09:29:50, 43298 bytes
Driver: C:\Windows\system32\iglhxa64.vp, 7/11/2015 09:29:50, 1125 bytes
Driver: C:\Windows\system32\iglhxa64.cpa, 7/11/2015 09:29:50, 2813952 bytes
Driver: C:\Windows\system32\iglhcp64.dll, 9.00.0020.9000 (English), 7/31/2015
07:46:22, 229648 bytes
Driver: C:\Windows\system32\iglhsip64.dll, 9.00.0020.9000 (English), 7/31/2015
07:46:22, 1155984 bytes
Driver: C:\Windows\SysWow64\igdusc32.dll, 10.18.0010.4252 (English), 7/31/2015
07:46:22, 3668768 bytes
Driver: C:\Windows\SysWow64\igdm32.dll, 10.18.0010.4252 (English), 7/31/2015
07:46:22, 378816 bytes
Driver: C:\Windows\SysWow64\igd10iumd32.dll, 10.18.0010.4252 (English), 7/31/2015
07:46:22, 11905424 bytes
Driver: C:\Windows\SysWow64\igdumdim32.dll, 10.18.0010.4252 (English), 7/31/2015
07:46:22, 10574976 bytes
Driver: C:\Windows\SysWow64\igdail32.dll, 7/31/2015 07:45:32, 152560 bytes
Driver: C:\Windows\SysWow64\iglhcp32.dll, 9.00.0020.9000 (English), 7/31/2015
07:46:22, 194352 bytes
Driver: C:\Windows\SysWow64\iglhsip32.dll, 9.00.0020.9000 (English), 7/31/2015
07:46:22, 1151832 bytes
Driver: C:\Windows\SysWow64\IntelCpHeciSvc.exe, 9.00.0020.9000 (English),
7/31/2015 07:45:34, 290208 bytes
Driver: C:\Windows\SysWow64\igfxcmr32.dll, 3.00.0000.1284 (English), 7/31/2015
07:46:22, 169352 bytes
Driver: C:\Windows\SysWow64\igfx11cmr32.dll, 3.00.0000.1284 (English), 7/31/2015
07:45:32, 163824 bytes
Driver: C:\Windows\SysWow64\igfxcmj32.dll, 3.00.0000.1284 (English), 7/31/2015
07:45:32, 1766896 bytes
Driver: C:\Windows\system32\difx64.exe, 1.04.0001.0000 (English), 7/31/2015
07:45:32, 164256 bytes
Driver: C:\Windows\system32\igfxDH.dll, 6.15.0010.4252 (English), 7/31/2015
07:45:32, 678896 bytes
Driver: C:\Windows\system32\igfxDHLib.dll, 1.00.0000.0000 (Invariant Language),
7/31/2015 07:45:32, 68080 bytes
Driver: C:\Windows\system32\igfxDHLibv2_0.dll, 1.00.0000.0000 (Invariant
Language), 7/31/2015 07:45:32, 78320 bytes
Driver: C:\Windows\system32\igfxDI.dll, 6.15.0010.4252 (English), 7/31/2015
07:45:32, 285168 bytes
Driver: C:\Windows\system32\igfxDILib.dll, 1.00.0000.0000 (Invariant Language),
7/31/2015 07:45:32, 19440 bytes
Driver: C:\Windows\system32\igfxDILibv2_0.dll, 1.00.0000.0000 (Invariant

Language), 7/31/2015 07:45:32, 18928 bytes
Driver: C:\Windows\system32\igfxLHM.dll, 6.15.0010.4252 (English), 7/31/2015 07:45:32, 261104 bytes
Driver: C:\Windows\system32\igfxLHMLib.dll, 1.00.0000.0000 (Invariant Language), 7/31/2015 07:45:32, 13808 bytes
Driver: C:\Windows\system32\igfxLHMLibv2_0.dll, 1.00.0000.0000 (Invariant Language), 7/31/2015 07:45:32, 13808 bytes
Driver: C:\Windows\system32\igfxEM.exe, 6.15.0010.4252 (English), 7/31/2015 07:45:32, 540064 bytes
Driver: C:\Windows\system32\igfxEMLib.dll, 1.00.0000.0000 (Invariant Language), 7/31/2015 07:45:32, 18928 bytes
Driver: C:\Windows\system32\igfxEMLibv2_0.dll, 1.00.0000.0000 (Invariant Language), 7/31/2015 07:45:32, 18928 bytes
Driver: C:\Windows\system32\GfxUIEx.exe, 6.15.0010.4252 (English), 7/31/2015 07:45:32, 969120 bytes
Driver: C:\Windows\system32\Gfxv4_0.exe, 8.15.0010.4252 (English), 7/31/2015 07:45:32, 4371872 bytes
Driver: C:\Windows\system32\Gfxv4_0.exe.config, 7/11/2015 09:46:30, 889 bytes
Driver: C:\Windows\system32\Gfxv2_0.exe, 8.15.0010.4252 (English), 7/31/2015 07:45:32, 4368288 bytes
Driver: C:\Windows\system32\Gfxv2_0.exe.config, 7/11/2015 09:46:28, 895 bytes
Driver: C:\Windows\system32\MetroIntelGenericUIFramework.dll, 1.00.0000.0000 (English), 7/31/2015 07:45:34, 632816 bytes
Driver: C:\Windows\system32\igfxCUIServicePS.dll, 7/31/2015 07:45:32, 95216 bytes
Driver: C:\Windows\system32\igfxCUIService.exe, 6.15.0010.4252 (English), 7/31/2015 07:45:32, 328608 bytes
Driver: C:\Windows\system32\igfxCPL.cpl, 7/31/2015 07:45:32, 264176 bytes
Driver: C:\Windows\system32\igfxTray.exe, 6.15.0010.4252 (English), 7/31/2015 07:45:32, 393632 bytes
Driver: C:\Windows\system32\igfxDTCM.dll, 6.15.0010.4252 (English), 7/31/2015 07:45:32, 228848 bytes
Driver: C:\Windows\system32\igfxHK.exe, 6.15.0010.4252 (English), 7/31/2015 07:45:32, 256928 bytes
Driver: C:\Windows\system32\igfxOSP.dll, 6.15.0010.4252 (English), 7/31/2015 07:45:32, 392688 bytes
Driver: C:\Windows\system32\DPTopologyApp.exe, 8.15.0010.4252 (English), 7/31/2015 07:45:32, 555424 bytes
Driver: C:\Windows\system32\DPTopologyApp.exe.config, 7/11/2015 09:46:26, 889 bytes
Driver: C:\Windows\system32\CustomModeApp.exe, 8.15.0010.4252 (English), 7/31/2015 07:45:32, 409504 bytes
Driver: C:\Windows\system32\CustomModeApp.exe.config, 7/11/2015 09:46:24, 889 bytes
Driver: C:\Windows\system32\DPTopologyAppv2_0.exe, 8.15.0010.4252 (English), 7/31/2015 07:45:32, 554912 bytes
Driver: C:\Windows\system32\DPTopologyAppv2_0.exe.config, 7/11/2015 09:46:26, 895 bytes
Driver: C:\Windows\system32\CustomModeAppv2_0.exe, 8.15.0010.4252 (English), 7/31/2015 07:45:32, 408992 bytes
Driver: C:\Windows\system32\CustomModeAppv2_0.exe.config, 7/11/2015 09:46:24, 895

bytes

Driver: C:\Windows\system32\igfxext.exe, 6.15.0010.4252 (English), 7/31/2015
07:45:32, 204192 bytes

Driver: C:\Windows\system32\igfxexps.dll, 6.15.0010.4252 (English), 7/31/2015
07:46:22, 40704 bytes

Driver: C:\Windows\SysWow64\igfxexps32.dll, 6.15.0010.4252 (English), 7/31/2015
07:45:32, 39408 bytes

Driver: C:\Windows\system32\resARA.cui, 7/11/2015 09:47:06, 162356 bytes

Driver: C:\Windows\system32\resCHS.cui, 7/11/2015 09:47:06, 146628 bytes

Driver: C:\Windows\system32\resCHT.cui, 7/11/2015 09:47:06, 147460 bytes

Driver: C:\Windows\system32\resCSY.cui, 7/11/2015 09:47:06, 153604 bytes

Driver: C:\Windows\system32\resDAN.cui, 7/11/2015 09:47:06, 150548 bytes

Driver: C:\Windows\system32\resDEU.cui, 7/11/2015 09:47:06, 155364 bytes

Driver: C:\Windows\system32\resELL.cui, 7/11/2015 09:47:06, 180644 bytes

Driver: C:\Windows\system32\resENU.cui, 7/11/2015 09:47:06, 149236 bytes

Driver: C:\Windows\system32\resESN.cui, 7/11/2015 09:47:06, 155092 bytes

Driver: C:\Windows\system32\resFIN.cui, 7/11/2015 09:47:06, 153060 bytes

Driver: C:\Windows\system32\resFRA.cui, 7/11/2015 09:47:06, 157172 bytes

Driver: C:\Windows\system32\resHEB.cui, 7/11/2015 09:47:06, 161812 bytes

Driver: C:\Windows\system32\resHRV.cui, 7/11/2015 09:47:06, 152628 bytes

Driver: C:\Windows\system32\resHUN.cui, 7/11/2015 09:47:06, 157156 bytes

Driver: C:\Windows\system32\resITA.cui, 7/11/2015 09:47:06, 155364 bytes

Driver: C:\Windows\system32\resJPN.cui, 7/11/2015 09:47:06, 161764 bytes

Driver: C:\Windows\system32\resKOR.cui, 7/11/2015 09:47:06, 155460 bytes

Driver: C:\Windows\system32\resNLD.cui, 7/11/2015 09:47:06, 154324 bytes

Driver: C:\Windows\system32\resNOR.cui, 7/11/2015 09:47:06, 151060 bytes

Driver: C:\Windows\system32\resPLK.cui, 7/11/2015 09:47:06, 154660 bytes

Driver: C:\Windows\system32\resPTB.cui, 7/11/2015 09:47:06, 153764 bytes

Driver: C:\Windows\system32\resPTG.cui, 7/11/2015 09:47:06, 153476 bytes

Driver: C:\Windows\system32\resROM.cui, 7/11/2015 09:47:06, 155204 bytes

Driver: C:\Windows\system32\resRUS.cui, 7/11/2015 09:47:06, 176500 bytes

Driver: C:\Windows\system32\resSKY.cui, 7/11/2015 09:47:06, 154532 bytes

Driver: C:\Windows\system32\resSLV.cui, 7/11/2015 09:47:06, 152004 bytes

Driver: C:\Windows\system32\resSVE.cui, 7/11/2015 09:47:06, 152164 bytes

Driver: C:\Windows\system32\resTHA.cui, 7/11/2015 09:47:06, 187844 bytes

Driver: C:\Windows\system32\resTRK.cui, 7/11/2015 09:47:06, 153636 bytes

Driver: C:\Windows\system32\ig7icd64.dll, 10.18.0010.4252 (English), 7/31/2015
07:45:32, 8528880 bytes

Driver: C:\Windows\SysWow64\ig7icd32.dll, 10.18.0010.4252 (English), 7/31/2015
07:45:34, 6512112 bytes

Driver: C:\Windows\system32\igdumdim64.dll, 10.18.0010.4252 (English), 7/31/2015
07:46:22, 11053040 bytes

Driver: C:\Windows\system32\igdaily64.dll, 7/31/2015 07:45:32, 170992 bytes

Driver: C:\Program Files (x86)\Common

Files\Intel\OpenCL\llvm_release_license.txt, 7/11/2015 09:30:20, 1981 bytes

Driver: C:\Program Files (x86)\Common Files\Intel\OpenCL\readme.txt, 7/11/2015
09:30:20, 9788 bytes

Driver: C:\Program Files (x86)\Common Files\Intel\OpenCL\version.ini, 7/11/2015
09:30:20, 32 bytes

Driver: C:\Windows\SysWow64\Intel_OpenCL_ICD32.dll, 1.02.0011.0000 (English),

7/31/2015 07:45:34, 69104 bytes
Driver: C:\Windows\SysWow64\IntelOpenCL32.dll, 10.18.0010.4252 (English),
7/31/2015 07:45:34, 295408 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x86\task_executor32.dll, 3.00.0001.10891 (English), 7/31/2015
07:45:34, 216560 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x86\OclCpuBackend32.dll, 3.00.0001.10891 (English), 7/31/2015
07:45:36, 6767600 bytes
Driver: C:\Program Files (x86)\Common Files\Intel\OpenCL\bin\x86\intelocl32.dll,
3.00.0001.10891 (English), 7/31/2015 07:45:34, 635376 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x86\cpu_device32.dll, 3.00.0001.10891 (English), 7/31/2015
07:45:34, 317424 bytes
Driver: C:\Program Files (x86)\Common Files\Intel\OpenCL\bin\x86\clbltfnn8.rtl,
7/11/2015 09:30:22, 2986764 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x86\clbltfnn8_img_cbk.o, 7/11/2015 09:30:22, 240244 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x86\clbltfnn8_img_cbk.rtl, 7/11/2015 09:30:22, 375380 bytes
Driver: C:\Program Files (x86)\Common Files\Intel\OpenCL\bin\x86\clbltfng9.rtl,
7/11/2015 09:30:22, 2930216 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x86\clbltfng9_img_cbk.o, 7/11/2015 09:30:22, 234396 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x86\clbltfng9_img_cbk.rtl, 7/11/2015 09:30:22, 374552 bytes
Driver: C:\Program Files (x86)\Common Files\Intel\OpenCL\bin\x86\clbltfns9.rtl,
7/11/2015 09:30:22, 2408580 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x86\clbltfns9_img_cbk.o, 7/11/2015 09:30:22, 197272 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x86\clbltfns9_img_cbk.rtl, 7/11/2015 09:30:22, 329372 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x86\clang_compiler32.dll, 3.00.0001.10891 (English),
7/31/2015 07:45:36, 14898160 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x86__ocl_svml_n8.dll, 2.00.0000.0000 (English), 7/31/2015
07:45:36, 5902832 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x86__ocl_svml_g9.dll, 2.00.0000.0000 (English), 7/31/2015
07:45:36, 5173744 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x86__ocl_svml_s9.dll, 2.00.0000.0000 (English), 7/31/2015
07:45:36, 4686320 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x86\tbb\tbbmalloc.dll, 4.00.2012.0408 (), 7/31/2015 07:45:34,
174536 bytes
Driver: C:\Program Files (x86)\Common Files\Intel\OpenCL\bin\x86\tbb\tbb.dll,
4.00.2012.0408 (), 7/31/2015 07:45:34, 341960 bytes
Driver: C:\Windows\system32\Intel_OpenCL_ICD64.dll, 1.02.0011.0000 (English),

7/31/2015 07:45:34, 72688 bytes
Driver: C:\Windows\system32\IntelOpenCL64.dll, 10.18.0010.4252 (English),
7/31/2015 07:45:34, 385520 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x64\task_executor64.dll, 3.00.0001.10891 (English), 7/31/2015
07:45:34, 254960 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x64\OclCpuBackend64.dll, 3.00.0001.10891 (English), 7/31/2015
07:45:36, 9170416 bytes
Driver: C:\Program Files (x86)\Common Files\Intel\OpenCL\bin\x64\intelocl64.dll,
3.00.0001.10891 (English), 7/31/2015 07:45:34, 805360 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x64\cpu_device64.dll, 3.00.0001.10891 (English), 7/31/2015
07:45:34, 381424 bytes
Driver: C:\Program Files (x86)\Common Files\Intel\OpenCL\bin\x64\clbltfnh8.rtl,
7/11/2015 09:30:22, 2941464 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x64\clbltfnh8_img_cbk.o, 7/11/2015 09:30:22, 295744 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x64\clbltfnh8_img_cbk.rtl, 7/11/2015 09:30:22, 388464 bytes
Driver: C:\Program Files (x86)\Common Files\Intel\OpenCL\bin\x64\clbltfne9.rtl,
7/11/2015 09:30:22, 2884992 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x64\clbltfne9_img_cbk.o, 7/11/2015 09:30:22, 284840 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x64\clbltfne9_img_cbk.rtl, 7/11/2015 09:30:22, 387724 bytes
Driver: C:\Program Files (x86)\Common Files\Intel\OpenCL\bin\x64\clbltfnl9.rtl,
7/11/2015 09:30:22, 2365892 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x64\clbltfnl9_img_cbk.o, 7/11/2015 09:30:22, 228328 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x64\clbltfnl9_img_cbk.rtl, 7/11/2015 09:30:22, 342372 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x64\clang_compiler64.dll, 3.00.0001.10891 (English),
7/31/2015 07:45:36, 19585008 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x64__ocl_svml_h8.dll, 2.00.0000.0000 (English), 7/31/2015
07:45:36, 6099440 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x64__ocl_svml_e9.dll, 2.00.0000.0000 (English), 7/31/2015
07:45:36, 5520880 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x64__ocl_svml_l9.dll, 2.00.0000.0000 (English), 7/31/2015
07:45:36, 5067760 bytes
Driver: C:\Program Files (x86)\Common
Files\Intel\OpenCL\bin\x64\tbb\tbbmalloc.dll, 4.00.2012.0408 (), 7/31/2015 07:45:36,
206792 bytes
Driver: C:\Program Files (x86)\Common Files\Intel\OpenCL\bin\x64\tbb\tbb.dll,
4.00.2012.0408 (), 7/31/2015 07:45:36, 417224 bytes
Driver: C:\Windows\SysWow64\IntelOpenCL32.dll, 10.18.0010.4252 (English),

7/31/2015 07:45:34, 295408 bytes
Driver: C:\Windows\SysWow64\igdbcl32.dll, 10.18.0010.4252 (English), 7/31/2015
07:45:32, 329200 bytes
Driver: C:\Windows\SysWow64\igdrcl32.dll, 10.18.0010.4252 (English), 7/31/2015
07:45:32, 1793008 bytes
Driver: C:\Windows\SysWow64\igdfcl32.dll, 10.18.0010.4252 (English), 7/31/2015
07:45:34, 17846768 bytes
Driver: C:\Windows\system32\IntelOpenCL64.dll, 10.18.0010.4252 (English),
7/31/2015 07:45:34, 385520 bytes
Driver: C:\Windows\system32\igdbcl64.dll, 10.18.0010.4252 (English), 7/31/2015
07:45:32, 374256 bytes
Driver: C:\Windows\system32\igdrcl64.dll, 10.18.0010.4252 (English), 7/31/2015
07:45:32, 1994224 bytes
Driver: C:\Windows\system32\igdfcl64.dll, 10.18.0010.4252 (English), 7/31/2015
07:45:34, 22914032 bytes
Driver: C:\Program Files\Intel\Media SDK\libmfxhw32.dll, 5.15.0005.0029
(English), 7/31/2015 07:45:36, 8392960 bytes
Driver: C:\Program Files\Intel\Media SDK\mfxplugin32_hw.dll, 3.11.0005.0020
(English), 7/31/2015 07:45:34, 590592 bytes
Driver: C:\Program Files\Intel\Media SDK\mfx_mft_h264ve_32.dll, 6.15.0006.0002
(English), 7/31/2015 07:45:34, 812216 bytes
Driver: C:\Program Files\Intel\Media SDK\mfx_mft_mjpgvd_32.dll, 6.15.0006.0002
(English), 7/31/2015 07:45:34, 754872 bytes
Driver: C:\Program Files\Intel\Media SDK\he_32.vp, 6/5/2015 08:11:10, 28553 bytes
Driver: C:\Program Files\Intel\Media SDK\c_32.cpa, 6/5/2015 08:11:18, 846855
bytes
Driver: C:\Program Files\Intel\Media SDK\cpa_32.vp, 6/5/2015 08:11:18, 993 bytes
Driver: C:\Program Files\Intel\Media SDK\dev_32.vp, 6/5/2015 08:11:10, 21523
bytes
Driver: C:\Program Files\Intel\Media SDK\mj_32.vp, 6/5/2015 08:11:12, 26945 bytes
Driver: C:\Program Files\Intel\Media SDK\libmfxhw64.dll, 5.15.0005.0029
(English), 7/31/2015 07:45:34, 9300736 bytes
Driver: C:\Program Files\Intel\Media SDK\mfxplugin64_hw.dll, 3.11.0005.0020
(English), 7/31/2015 07:45:34, 687360 bytes
Driver: C:\Program Files\Intel\Media SDK\mfx_mft_h264ve_64.dll, 6.15.0006.0002
(English), 7/31/2015 07:45:34, 1004728 bytes
Driver: C:\Program Files\Intel\Media SDK\mfx_mft_mjpgvd_64.dll, 6.15.0006.0002
(English), 7/31/2015 07:45:34, 934072 bytes
Driver: C:\Program Files\Intel\Media SDK\he_64.vp, 6/5/2015 08:11:18, 6533 bytes
Driver: C:\Program Files\Intel\Media SDK\c_64.cpa, 6/5/2015 08:11:18, 1519616
bytes
Driver: C:\Program Files\Intel\Media SDK\cpa_64.vp, 6/5/2015 08:11:18, 993 bytes
Driver: C:\Program Files\Intel\Media SDK\dev_64.vp, 6/5/2015 08:11:18, 21523
bytes
Driver: C:\Program Files\Intel\Media SDK\mj_64.vp, 6/5/2015 08:11:10, 6321 bytes
Driver: C:\Windows\system32\IntelWiDiMCUMD64.dll, 4.05.0063.0000 (English),
7/31/2015 07:45:34, 141872 bytes
Driver: C:\Windows\system32\IntelWiDiSecureSourceFilter64.dll, 4.05.0063.0000
(English), 7/31/2015 07:45:34, 1468976 bytes
Driver: C:\Windows\system32\IntelWiDiAAC64.dll, 4.05.0063.0000 (English),

7/31/2015 07:45:34, 4024368 bytes
Driver: C:\Windows\system32\IntelWiDiMux64.dll, 4.05.0063.0000 (English),
7/31/2015 07:45:34, 616496 bytes
Driver: C:\Windows\system32\IntelWiDiDDEAgent64.dll, 4.05.0063.0000 (English),
7/31/2015 07:45:34, 191024 bytes
Driver: C:\Windows\system32\IntelWiDiAudioFilter64.dll, 4.05.0063.0000 (English),
7/31/2015 07:45:34, 659504 bytes
Driver: C:\Windows\system32\IntelWiDiUtils64.dll, 4.05.0063.0000 (English),
7/31/2015 07:45:34, 223792 bytes
Driver: C:\Windows\system32\IntelWiDiLogServer64.dll, 4.05.0063.0000 (English),
7/31/2015 07:45:34, 107568 bytes
Driver: C:\Windows\system32\IntelWiDiWinNextAgent64.dll, 4.05.0063.0000
(English), 7/31/2015 07:45:34, 865328 bytes
Driver: C:\Windows\system32\IntelWiDiSilenceFilter64.dll, 4.05.0063.0000
(English), 7/31/2015 07:45:34, 357936 bytes
Driver: C:\Windows\system32\IntelWiDiVAD64.exe, 4.05.0063.0000 (English),
7/31/2015 07:45:34, 2508272 bytes
Driver: C:\Windows\system32\IntelWiDiUMS64.exe, 4.05.0063.0000 (English),
7/31/2015 07:45:34, 443296 bytes
Driver: C:\Windows\system32\igfxCoIn_v4252.dll, 1.03.0003.0000 (English),
7/31/2015 07:45:32, 191984 bytes

Name: High Definition Audio Controller

Device ID: PCI\VEN_8086&DEV_1E20&SUBSYS_18DF103C&REV_04\3&33FD14CA&0&D8
Driver: C:\Windows\system32\DRIVERS\hdaudbus.sys, 10.00.19041.1566 (English),
3/10/2022 20:35:13, 134656 bytes
Driver: C:\Windows\system32\DRIVERS\drmk.sys, 10.00.19041.0746 (English),
2/14/2021 00:06:16, 97792 bytes
Driver: C:\Windows\system32\DRIVERS\portcls.sys, 10.00.19041.0746 (English),
2/14/2021 00:06:16, 388608 bytes

Name: PCI Express Root Port

Device ID: PCI\VEN_8086&DEV_1E16&SUBSYS_18DF103C&REV_C4\3&33FD14CA&0&E3
Driver: C:\Windows\system32\DRIVERS\pci.sys, 10.00.19041.1387 (English),
12/17/2021 11:38:08, 469840 bytes

Name: Intel(R) 7 Series/C216 Chipset Family USB Enhanced Host Controller - 1E26

Device ID: PCI\VEN_8086&DEV_1E26&SUBSYS_18DF103C&REV_04\3&33FD14CA&0&E8
Driver: C:\Windows\system32\drivers\usbehci.sys, 10.00.19041.0001 (English),
12/7/2019 10:07:56, 86544 bytes
Driver: C:\Windows\system32\drivers\usbport.sys, 10.00.19041.0001 (English),
12/7/2019 10:07:56, 473400 bytes
Driver: C:\Windows\system32\drivers\usbhub.sys, 10.00.19041.0001 (English),
12/7/2019 10:07:56, 528184 bytes

Name: SDA Standard Compliant SD Host Controller

Device ID: PCI\VEN_197B&DEV_2391&SUBSYS_18DF103C&REV_30\4&113B8F64&0&02E2
Driver: C:\Windows\system32\DRIVERS\sdbus.sys, 10.00.19041.1566 (English),
3/10/2022 20:35:14, 306544 bytes
Driver: C:\Windows\system32\DRIVERS\dumpsd.sys, 10.00.19041.1566 (English),

3/10/2022 20:35:15, 196432 bytes

DirectShow Filters

DirectShow Filters:

WMAudio Decoder DMO,0x00800800,1,1,WMADMOD.DLL,10.00.19041.1288
WMAPro over S/PDIF DMO,0x00600800,1,1,WMADMOD.DLL,10.00.19041.1288
WMSpeech Decoder DMO,0x00600800,1,1,WMSPDMOD.DLL,10.00.19041.0001
MP3 Decoder DMO,0x00600800,1,1,mp3dmod.dll,10.00.19041.0001
Mpeg4s Decoder DMO,0x00800001,1,1,mp4sdecdec.dll,10.00.19041.0450
WMV Screen decoder DMO,0x00600800,1,1,wmvdecdec.dll,10.00.19041.0001
WMVideo Decoder DMO,0x00800001,1,1,wmvdecod.dll,10.00.19041.1110
Mpeg43 Decoder DMO,0x00800001,1,1,mp43decdec.dll,10.00.19041.1165
Mpeg4 Decoder DMO,0x00800001,1,1,mpg4decdec.dll,10.00.19041.1165
DV Muxer,0x00400000,0,0,qdv.dll,10.00.19041.0001
Color Space Converter,0x00400001,1,1,quartz.dll,10.00.19041.0746
WM ASF Reader,0x00400000,0,0,qasf.dll,12.00.19041.0001
AVI Splitter,0x00600000,1,1,quartz.dll,10.00.19041.0746
VGA 16 Color Ditherer,0x00400000,1,1,quartz.dll,10.00.19041.0746
SBE2MediaTypeProfile,0x00200000,0,0,sbe.dll,10.00.19041.0001
Microsoft DTV-DVD Video Decoder,0x005fffffff,2,4,msmpeg2vdec.dll,10.00.19041.1566
AC3 Parser Filter,0x00600000,1,1,mpg2spltt.ax,10.00.19041.0329
StreamBufferSink,0x00200000,0,0,sbe.dll,10.00.19041.0001
MJPEG Decompressor,0x00600000,1,1,quartz.dll,10.00.19041.0746
MPEG-I Stream Splitter,0x00600000,1,2,quartz.dll,10.00.19041.0746
SAMI (CC) Parser,0x00400000,1,1,quartz.dll,10.00.19041.0746
VBI Codec,0x00600000,1,4,VBICodec.ax,10.00.19041.0746
MPEG-2 Splitter,0x005fffffff,1,0,mpg2spltt.ax,10.00.19041.0329
Closed Captions Analysis Filter,0x00200000,2,5,cca.dll,10.00.19041.0001
SBE2FileScan,0x00200000,0,0,sbe.dll,10.00.19041.0001
Microsoft MPEG-2 Video Encoder,0x00200000,1,1,msmpeg2enc.dll,10.00.19041.0001
Internal Script Command Renderer,0x00800001,1,0,quartz.dll,10.00.19041.0746
MPEG Audio Decoder,0x03680001,1,1,quartz.dll,10.00.19041.0746
DV Splitter,0x00600000,1,2,qdv.dll,10.00.19041.0001
Video Mixing Renderer 9,0x00200000,1,0,quartz.dll,10.00.19041.0746
Microsoft MPEG-2 Encoder,0x00200000,2,1,msmpeg2enc.dll,10.00.19041.0001
ACM Wrapper,0x00600000,1,1,quartz.dll,10.00.19041.0746
Video Renderer,0x00800001,1,0,quartz.dll,10.00.19041.0746
MPEG-2 Video Stream Analyzer,0x00200000,0,0,sbe.dll,10.00.19041.0001
Line 21 Decoder,0x00600000,1,1,
Video Port Manager,0x00600000,2,1,quartz.dll,10.00.19041.0746
Video Renderer,0x00400000,1,0,quartz.dll,10.00.19041.0746
VPS Decoder,0x00200000,0,0,WSTPager.ax,10.00.19041.0001
WM ASF Writer,0x00400000,0,0,qasf.dll,12.00.19041.0001
VBI Surface Allocator,0x00600000,1,1,vbisurf.ax,
File writer,0x00200000,1,0,qcap.dll,10.00.19041.0001
DVD Navigator,0x00200000,0,3,qdvd.dll,10.00.19041.0746
Overlay Mixer2,0x00200000,1,1,

AVI Draw,0x00600064,9,1,quartz.dll,10.00.19041.0746
Microsoft MPEG-2 Audio Encoder,0x00200000,1,1,msmpeg2enc.dll,10.00.19041.0001
WST Pager,0x00200000,1,1,WSTPager.ax,10.00.19041.0001
MPEG-2 Demultiplexer,0x00600000,1,1,mpg2spltt.ax,10.00.19041.0329
DV Video Decoder,0x00800000,1,1,qdv.dll,10.00.19041.0001
SampleGrabber,0x00200000,1,1,qedit.dll,10.00.19041.0746
Null Renderer,0x00200000,1,0,qedit.dll,10.00.19041.0746
MPEG-2 Sections and Tables,0x005ffffff,1,0,Mpeg2Data.ax,10.00.19041.0001
Microsoft AC3 Encoder,0x00200000,1,1,msac3enc.dll,10.00.19041.0001
StreamBufferSource,0x00200000,0,0,sbe.dll,10.00.19041.0001
Smart Tee,0x00200000,1,2,qcap.dll,10.00.19041.0001
Overlay Mixer,0x00200000,0,0,,
AVI Decompressor,0x00600000,1,1,quartz.dll,10.00.19041.0746
AVI/WAV File Source,0x00400000,0,2,quartz.dll,10.00.19041.0746
Wave Parser,0x00400000,1,1,quartz.dll,10.00.19041.0746
MIDI Parser,0x00400000,1,1,quartz.dll,10.00.19041.0746
Multi-file Parser,0x00400000,1,1,quartz.dll,10.00.19041.0746
File stream renderer,0x00400000,1,1,quartz.dll,10.00.19041.0746
Microsoft DTV-DVD Audio Decoder,0x005ffffff,1,1,msmpeg2adec.dll,10.00.19041.0001
StreamBufferSink2,0x00200000,0,0,sbe.dll,10.00.19041.0001
AVI Mux,0x00200000,1,0,qcap.dll,10.00.19041.0001
Line 21 Decoder 2,0x00600002,1,1,quartz.dll,10.00.19041.0746
File Source (Async.),0x00400000,0,1,quartz.dll,10.00.19041.0746
File Source (URL),0x00400000,0,1,quartz.dll,10.00.19041.0746
Infinite Pin Tee Filter,0x00200000,1,1,qcap.dll,10.00.19041.0001
Enhanced Video Renderer,0x00200000,1,0,evr.dll,10.00.19041.0546
BDA MPEG2 Transport Information Filter,0x00200000,2,0,psisrndr.ax,10.00.19041.0001
MPEG Video Decoder,0x40000001,1,1,quartz.dll,10.00.19041.0746

WDM Streaming Tee/Splitter Devices:

Tee/Sink-to-Sink Converter,0x00200000,1,1,ksproxy.ax,10.00.19041.0746

Video Compressors:

WMVideo8 Encoder DMO,0x00600800,1,1,wmvxencd.dll,10.00.19041.0867
WMVideo9 Encoder DMO,0x00600800,1,1,wmvencod.dll,10.00.19041.0001
MSScreen 9 encoder DMO,0x00600800,1,1,wmvsencd.dll,10.00.19041.0001
DV Video Encoder,0x00200000,0,0,qdv.dll,10.00.19041.0001
MJPEG Compressor,0x00200000,0,0,quartz.dll,10.00.19041.0746

Audio Compressors:

WM Speech Encoder DMO,0x00600800,1,1,WMSPDMOE.DLL,10.00.19041.0508
WMAudio Encoder DMO,0x00600800,1,1,WMADMOE.DLL,10.00.19041.0508
IMA ADPCM,0x00200000,1,1,quartz.dll,10.00.19041.0746
PCM,0x00200000,1,1,quartz.dll,10.00.19041.0746
Microsoft ADPCM,0x00200000,1,1,quartz.dll,10.00.19041.0746
GSM 6.10,0x00200000,1,1,quartz.dll,10.00.19041.0746
CCITT A-Law,0x00200000,1,1,quartz.dll,10.00.19041.0746
CCITT u-Law,0x00200000,1,1,quartz.dll,10.00.19041.0746
MPEG Layer-3,0x00200000,1,1,quartz.dll,10.00.19041.0746

Audio Capture Sources:

Microphone (2- High Definition Audio Device),0x00200000,0,0,qcap.dll,10.00.19041.0001

PBDA CP Filters:

PBDA DTFilter,0x00600000,1,1,CPFilters.dll,10.00.19041.1566

PBDA ETFilter,0x00200000,0,0,CPFilters.dll,10.00.19041.1566

PBDA PTFilter,0x00200000,0,0,CPFilters.dll,10.00.19041.1566

Midi Renderers:

Default MidiOut Device,0x00800000,1,0,quartz.dll,10.00.19041.0746

Microsoft GS Wavetable Synth,0x00200000,1,0,quartz.dll,10.00.19041.0746

WDM Streaming Capture Devices:

HD Audio Microphone,0x00200000,1,1,ksproxy.ax,10.00.19041.0746

HP HD Webcam [Fixed],0x00200000,1,1,ksproxy.ax,10.00.19041.0746

WDM Streaming Rendering Devices:

HD Audio Headphone/Speakers,0x00200000,1,1,ksproxy.ax,10.00.19041.0746

HD Audio HDMI out 2,0x00200000,1,1,ksproxy.ax,10.00.19041.0746

BDA Network Providers:

Microsoft ATSC Network Provider,0x00200000,0,1,MSDvbNP.ax,10.00.19041.0001

Microsoft DVBC Network Provider,0x00200000,0,1,MSDvbNP.ax,10.00.19041.0001

Microsoft DVBS Network Provider,0x00200000,0,1,MSDvbNP.ax,10.00.19041.0001

Microsoft DVBT Network Provider,0x00200000,0,1,MSDvbNP.ax,10.00.19041.0001

Microsoft Network Provider,0x00200000,0,1,MSNP.ax,10.00.19041.0001

Video Capture Sources:

HP HD Webcam [Fixed],0x00200000,1,1,ksproxy.ax,10.00.19041.0746

Multi-Instance Capable VBI Codecs:

VBI Codec,0x00600000,1,4,VBICodec.ax,10.00.19041.0746

BDA Transport Information Renderers:

BDA MPEG2 Transport Information Filter,0x00600000,2,0,psisrndr.ax,10.00.19041.0001

MPEG-2 Sections and Tables,0x00600000,1,0,Mpeg2Data.ax,10.00.19041.0001

WDM Streaming Communication Transforms:

Tee/Sink-to-Sink Converter,0x00200000,1,1,ksproxy.ax,10.00.19041.0746

Audio Renderers:

HP Z32 (High Definition Audio Device),0x00200000,1,0,quartz.dll,10.00.19041.0746

Default DirectSound Device,0x00800000,1,0,quartz.dll,10.00.19041.0746

Default WaveOut Device,0x00200000,1,0,quartz.dll,10.00.19041.0746

DirectSound: Speakers (2- High Definition Audio Device),0x00200000,1,0,quartz.dll,10.00.19041.0746

DirectSound: HP Z32 (High Definition Audio Device),0x00200000,1,0,quartz.dll,10.00.19041.0746

Speakers (2- High Definition Audio

Device),0x00200000,1,0,quartz.dll,10.00.19041.0746

Preferred DirectShow Filters

[HKEY_LOCAL_MACHINE\Software\Microsoft\DirectShow\Preferred]

<media subtype GUID>, [<filter friendly name>,]<filter CLSID>

MEDIASUBTYPE_DVD_LPCM_AUDIO, Microsoft DTV-DVD Audio Decoder, CLSID_CMPEG2AudDecoderDS
MEDIASUBTYPE_MPEG2_AUDIO, Microsoft DTV-DVD Audio Decoder, CLSID_CMPEG2AudDecoderDS
MEDIASUBTYPE_MPEG2_VIDEO, Microsoft DTV-DVD Video Decoder, CLSID_CMPEG2VidDecoderDS
{78766964-0000-0010-8000-00AA00389B71}, Mpeg4s Decoder DMO, CLSID_CMpeg4sDecMediaObject
{7634706D-0000-0010-8000-00AA00389B71}, Mpeg4s Decoder DMO, CLSID_CMpeg4sDecMediaObject
MEDIASUBTYPE_mp4s, Mpeg4s Decoder DMO, CLSID_CMpeg4sDecMediaObject
{64697678-0000-0010-8000-00AA00389B71}, Mpeg4s Decoder DMO, CLSID_CMpeg4sDecMediaObject
{58564944-0000-0010-8000-00AA00389B71}, Mpeg4s Decoder DMO, CLSID_CMpeg4sDecMediaObject
{5634504D-0000-0010-8000-00AA00389B71}, Mpeg4s Decoder DMO, CLSID_CMpeg4sDecMediaObject
MEDIASUBTYPE_MP4S, Mpeg4s Decoder DMO, CLSID_CMpeg4sDecMediaObject
MEDIASUBTYPE_WMVR, WMVideo Decoder DMO, CLSID_CWMVDecMediaObject
MEDIASUBTYPE_WMVP, WMVideo Decoder DMO, CLSID_CWMVDecMediaObject
{44495658-0000-0010-8000-00AA00389B71}, Mpeg4s Decoder DMO, CLSID_CMpeg4sDecMediaObject
MEDIASUBTYPE_WMVA, WMVideo Decoder DMO, CLSID_CWMVDecMediaObject
MEDIASUBTYPE_mpg4, Mpeg4 Decoder DMO, CLSID_CMpeg4DecMediaObject
MEDIASUBTYPE_MPG4, Mpeg4 Decoder DMO, CLSID_CMpeg4DecMediaObject
MEDIASUBTYPE_h264, Microsoft DTV-DVD Video Decoder, CLSID_CMPEG2VidDecoderDS
MEDIASUBTYPE_H264, Microsoft DTV-DVD Video Decoder, CLSID_CMPEG2VidDecoderDS
MEDIASUBTYPE_WMV3, WMVideo Decoder DMO, CLSID_CWMVDecMediaObject
MEDIASUBTYPE_mp43, Mpeg43 Decoder DMO, CLSID_CMpeg43DecMediaObject
MEDIASUBTYPE_MP43, Mpeg43 Decoder DMO, CLSID_CMpeg43DecMediaObject
MEDIASUBTYPE_m4s2, Mpeg4s Decoder DMO, CLSID_CMpeg4sDecMediaObject
MEDIASUBTYPE_WMV2, WMVideo Decoder DMO, CLSID_CWMVDecMediaObject
MEDIASUBTYPE_MSS2, WMV Screen decoder DMO, CLSID_CMSSCDecMediaObject
MEDIASUBTYPE_M4S2, Mpeg4s Decoder DMO, CLSID_CMpeg4sDecMediaObject
MEDIASUBTYPE_WVP2, WMVideo Decoder DMO, CLSID_CWMVDecMediaObject
MEDIASUBTYPE_mp42, Mpeg4 Decoder DMO, CLSID_CMpeg4DecMediaObject
MEDIASUBTYPE_MP42, Mpeg4 Decoder DMO, CLSID_CMpeg4DecMediaObject
MEDIASUBTYPE_WMV1, WMVideo Decoder DMO, CLSID_CWMVDecMediaObject
MEDIASUBTYPE_MSS1, WMV Screen decoder DMO, CLSID_CMSSCDecMediaObject
MEDIASUBTYPE_WVC1, WMVideo Decoder DMO, CLSID_CWMVDecMediaObject
MEDIASUBTYPE_AVC1, Microsoft DTV-DVD Video Decoder, CLSID_CMPEG2VidDecoderDS

MEDIASUBTYPE_MPEG_LOAS, Microsoft DTV-DVD Audio Decoder, CLSID_CMPEG2AudDecoderDS
MEDIASUBTYPE_MPEG_ADTS_AAC, Microsoft DTV-DVD Audio Decoder,
CLSID_CMPEG2AudDecoderDS
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MEDIASUBTYPE_WMAUDIO3, WMAudio Decoder DMO, CLSID_CWMADecMediaObject
WMEDIASUBTYPE_WMAudioV8, WMAudio Decoder DMO, CLSID_CWMADecMediaObject
MEDIASUBTYPE_MSAUDIO1, WMAudio Decoder DMO, CLSID_CWMADecMediaObject
MEDIASUBTYPE_RAW_AAC1, Microsoft DTV-DVD Audio Decoder, CLSID_CMPEG2AudDecoderDS
WMEDIASUBTYPE_MP3, MP3 Decoder DMO, CLSID_CMP3DecMediaObject
MEDIASUBTYPE_MPEG1Payload, MPEG Video Decoder, CLSID_CMpegVideoCodec
MEDIASUBTYPE_MPEG1Packet, MPEG Video Decoder, CLSID_CMpegVideoCodec
{6C737664-0000-0010-8000-00AA00389B71}, DV Video Decoder, CLSID_DVVideoCodec
{64737664-0000-0010-8000-00AA00389B71}, DV Video Decoder, CLSID_DVVideoCodec
{64687664-0000-0010-8000-00AA00389B71}, DV Video Decoder, CLSID_DVVideoCodec
MEDIASUBTYPE_MJPEG, MJPEG Decompressor, CLSID_MjpegDec
{20637664-0000-0010-8000-00AA00389B71}, DV Video Decoder, CLSID_DVVideoCodec
MEDIASUBTYPE_MPEG1AudioPayload, MPEG Audio Decoder, CLSID_CMpegAudioCodec
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WMEDIASUBTYPE_WMSP1, WMSpeech Decoder DMO, CLSID_CWMSPDecMediaObject

Media Foundation File Versions

mfcore.dll, 10.00.19041.1586
mfreadwrite.dll, 10.00.19041.0746
mfcaptureengine.dll, 10.00.19041.0906
mfsensorgroup.dll, 10.00.19041.1503
windows.media.dll, 10.00.19041.1566
frameserver.dll, 10.00.19041.1503
frameserverclient.dll, 10.00.19041.1503

Media Foundation Transforms

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Video Decoders:

Intel® Hardware M-JPEG Decoder MFT, {00C69F81-0524-48C0-A353-4DD9D54F9A6E}, 0x6,
7, mfx_mft_mjpgvd_64.dll, 6.15.0006.0002

Microsoft MPEG Video Decoder MFT, {2D709E52-123F-49B5-9CBC-9AF5CDE28FB9}, 0x1,
msmpeg2vdec.dll, 10.00.19041.1566

DV Decoder MFT, {404A6DE5-D4D6-4260-9BC7-5A6CBD882432}, 0x1, mfdvdec.dll,

10.00.19041.0001

Mpeg4s Decoder MFT, CLSID_CMpeg4sDecMFT, 0x1, mp4sdec.dll, 10.00.19041.0450

Microsoft H264 Video Decoder MFT, CLSID_CMSH264DecoderMFT, 0x1, msmpeg2vdec.dll,

10.00.19041.1566

WMV Screen decoder MFT, CLSID_CMSSCDecMediaObject, 0x1, wmvdec.dll,

10.00.19041.0001

WMVideo Decoder MFT, CLSID_CWMVDecMediaObject, 0x1, wmvdecod.dll, 10.00.19041.1110

MJPEG Decoder MFT, {CB17E772-E1CC-4633-8450-5617AF577905}, 0x1, mfmjpegdec.dll,

10.00.19041.1348

Mpeg43 Decoder MFT, CLSID_CMpeg43DecMediaObject, 0x1, mp43dec.dll,

10.00.19041.1165

Mpeg4 Decoder MFT, CLSID_CMpeg4DecMediaObject, 0x1, mpg4dec.dll, 10.00.19041.1165

VP9VideoExtensionDecoder

WebpImageExtension

HEIFImageExtension

Video Encoders:

Intel® Quick Sync Video H.264 Encoder MFT, {4BE8D3C0-0515-4A37-AD55-E4BAE19AF471}, 0x4, 7, mfx_mft_h264ve_64.dll, 6.15.0006.0002

H264 Encoder MFT, {6CA50344-051A-4DED-9779-A43305165E35}, 0x1, mfh264enc.dll,

10.00.19041.1566

WMVideo8 Encoder MFT, CLSID_CWMVXEncMediaObject, 0x1, wmvxencd.dll,

10.00.19041.0867

H263 Encoder MFT, {BC47FCFE-98A0-4F27-BB07-698AF24F2B38}, 0x1, mfh263enc.dll,

10.00.19041.0001

WMVideo9 Encoder MFT, CLSID_CWMV9EncMediaObject, 0x1, wmvencod.dll,

10.00.19041.0001

Microsoft MPEG-2 Video Encoder MFT, {E6335F02-80B7-4DC4-ADFA-DFE7210D20D5}, 0x2, msmpeg2enc.dll, 10.00.19041.0001

VP9VideoExtensionEncoder

HEIFImageExtension

Video Effects:

Frame Rate Converter, CLSID_CFrameRateConvertDmo, 0x1, mfvdsp.dll,

10.00.19041.0746

Resizer MFT, CLSID_CResizerDMO, 0x1, vidreszr.dll, 10.00.19041.0867

VideoStabilization MFT, {51571744-7FE4-4FF2-A498-2DC34FF74F1B}, 0x1,

MSVideoDSP.dll, 10.00.19041.0746

Color Control, CLSID_CColorControlDmo, 0x1, mfvdsp.dll, 10.00.19041.0746

Color Converter MFT, CLSID_CColorConvertDMO, 0x1, colorcnv.dll, 10.00.19041.1110

Video Processor:

Microsoft Video Processor MFT, {88753B26-5B24-49BD-B2E7-0C445C78C982}, 0x1, msvproc.dll, 10.00.19041.1566

Audio Decoders:

Microsoft Dolby Digital Plus Decoder MFT, {177C0AFE-900B-48D4-9E4C-57ADD250B3D4}, 0x1, DolbyDecMFT.dll, 10.00.19041.1586

MS AMRNB Decoder MFT, {265011AE-5481-4F77-A295-ABB6FFE8D63E}, 0x1,

MSAMRNBDecoder.dll, 10.00.19041.0001

WMAudio Decoder MFT, CLSID_CWMADecMediaObject, 0x1, WMADMOD.DLL, 10.00.19041.1288

Microsoft AAC Audio Decoder MFT, CLSID_CMSAACDecMFT, 0x1, MSAudDecMFT.dll,

10.00.19041.1165

A-law Wrapper MFT, {36CB6E0C-78C1-42B2-9943-846262F31786}, 0x1, mfcore.dll,

10.00.19041.1586

GSM ACM Wrapper MFT, {4A76B469-7B66-4DD4-BA2D-DDF244C766DC}, 0x1, mfcore.dll,

10.00.19041.1586

WMAPro over S/PDIF MFT, CLSID_CWMAudioSpdTxDMO, 0x1, WMADMOD.DLL, 10.00.19041.1288

Microsoft Opus Audio Decoder MFT, {63E17C10-2D43-4C42-8FE3-8D8B63E46A6A}, 0x1, MSOpusDecoder.dll, 10.00.19041.0746

Microsoft FLAC Audio Decoder MFT, {6B0B3E6B-A2C5-4514-8055-AFE8A95242D9}, 0x1, MSFlacDecoder.dll, 10.00.19041.1566

Microsoft MPEG Audio Decoder MFT, {70707B39-B2CA-4015-ABEA-F8447D22D88B}, 0x1, MSAudDecMFT.dll, 10.00.19041.1165

WMSpeech Decoder DMO, CLSID_CWMSPDecMediaObject, 0x1, WMSPDMOD.DLL,

10.00.19041.0001

G711 Wrapper MFT, {92B66080-5E2D-449E-90C4-C41F268E5514}, 0x1, mfcore.dll,

10.00.19041.1586

IMA ADPCM ACM Wrapper MFT, {A16E1BFF-A80D-48AD-AECD-A35C005685FE}, 0x1, mfcore.dll, 10.00.19041.1586

MP3 Decoder MFT, CLSID_CMP3DecMediaObject, 0x1, mp3dmod.dll, 10.00.19041.0001

Microsoft ALAC Audio Decoder MFT, {C0CD7D12-31FC-4BBC-B363-7322EE3E1879}, 0x1, MSAlacDecoder.dll, 10.00.19041.0746

ADPCM ACM Wrapper MFT, {CA34FE0A-5722-43AD-AF23-05F7650257DD}, 0x1, mfcore.dll, 10.00.19041.1586

Dolby TrueHD IEC-61937 converter MFT, {CF5EEEDF-0E92-4B3B-A161-BD0FFE545E4B}, 0x1, mfaudiocnv.dll, 10.00.19041.0746

DTS IEC-61937 converter MFT, {D035E24C-C877-42D7-A795-2A8A339B472F}, 0x1, mfaudiocnv.dll, 10.00.19041.0746

Audio Encoders:

LPCM DVD-Audio MFT, {068A8476-9229-4CC0-9D49-2FC699DCD30A}, 0x1, mfaudiocnv.dll, 10.00.19041.0746

MP3 Encoder ACM Wrapper MFT, {11103421-354C-4CCA-A7A3-1AFF9A5B6701}, 0x1, mfcore.dll, 10.00.19041.1586

Microsoft FLAC Audio Encoder MFT, {128509E9-C44E-45DC-95E9-C255B8F466A6}, 0x1, MSFlacEncoder.dll, 10.00.19041.0746

WM Speech Encoder DMO, CLSID_CWMSPEncMediaObject2, 0x1, WMSPDMOE.DLL, 10.00.19041.0508

MS AMRNB Encoder MFT, {2FAE8AFE-04A3-423A-A814-85DB454712B0}, 0x1, MSAMRNBEncoder.dll, 10.00.19041.0001

Microsoft MPEG-2 Audio Encoder MFT, {46A4DD5C-73F8-4304-94DF-308F760974F4}, 0x1, msmpeg2enc.dll, 10.00.19041.0001

WMAudio Encoder MFT, CLSID_CWMAEncMediaObject, 0x1, WMADMOE.DLL, 10.00.19041.0508

Microsoft AAC Audio Encoder MFT, {93AF0C51-2275-45D2-A35B-F2BA21CAED00}, 0x1, mFAACEnc.dll, 10.00.19041.0001

Microsoft ALAC Audio Encoder MFT, {9AB6A28C-748E-4B6A-BFFF-CC443B8E8FB4}, 0x1, MSAlacEncoder.dll, 10.00.19041.0746

Microsoft Dolby Digital Encoder MFT, {AC3315C9-F481-45D7-826C-0B406C1F64B8}, 0x1, msac3enc.dll, 10.00.19041.0001

Audio Effects:

AEC, CLSID_CWMAudioAEC, 0x1, mfwmaaec.dll, 10.00.19041.0001

Resampler MFT, CLSID_CResamplerMediaObject, 0x1, resampledmo.dll, 10.00.19041.0001

Multiplexers:

Microsoft MPEG2 Multiplexer MFT, {AB300F71-01AB-46D2-AB6C-64906CB03258}, 0x2,

mfmpeg2srcsnk.dll, 10.00.19041.1566

Others:

Microsoft H264 Video Remux (MPEG2TSToMP4) MFT,
{05A47EBB-8BF0-4CBF-AD2F-3B71D75866F5}, 0x1, msmpeg2vdec.dll, 10.00.19041.1566

Media Foundation Enabled Hardware Categories

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EnableEncoders = 1

EnableDecoders = 1

Media Foundation Byte Stream Handlers

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.avi, {7AFA253E-F823-42F6-A5D9-714BDE467412}, AVI Byte Stream Handler, Preferred
.dvr-ms, {A8721937-E2FB-4D7A-A9EE-4EB08C890B6E}, MF SBE Source ByteStreamHandler
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.flac, {0E41CFB8-0506-40F4-A516-77CC23642D91}, MF FLAC Media Source
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.mks, {1F9A2C18-D89E-463E-B4F4-BB90152ACC64}, MKV Byte Stream Handler, Preferred
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audio/mpeg3, {A82E50BA-8E92-41EB-9DF2-433F50EC2993}, MP3 Byte Stream Handler, Preferred

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video/x-ms-wmv, {41457294-644C-4298-A28A-BD69F2C0CF3B}, ASF Byte Stream Handler, Preferred
video/x-msvideo, {7AFA253E-F823-42F6-A5D9-714BDE467412}, AVI Byte Stream Handler, Preferred

Media Foundation Scheme Handlers

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows Media Foundation\SchemaHandlers]
[HKEY_LOCAL_MACHINE\Software\Classes\MediaFoundation\MediaSources\Preferred]

<URL type>, <handler CLSID>, <brief description>[, Preferred]

file:, {477EC299-1421-4BDD-971F-7CCB933F21AD}, File Scheme Handler, Preferred
http:, {44CB442B-9DA9-49DF-B3FD-023777B16E50}, Http Scheme Handler
http:, {9EC4B4F9-3029-45AD-947B-344DE2A249E2}, Urlmon Scheme Handler
http:, {E9F4EBAB-D97B-463E-A2B1-C54EE3F9414D}, Net Scheme Handler, Preferred
httpd:, {44CB442B-9DA9-49DF-B3FD-023777B16E50}, Http Scheme Handler, Preferred
https:, {37A61C8B-7F8E-4D08-B12B-248D73E9AB4F}, Secure Http Scheme Handler, Preferred
httpsd:, {37A61C8B-7F8E-4D08-B12B-248D73E9AB4F}, Secure Http Scheme Handler, Preferred
httpst:, {E9F4EBAB-D97B-463E-A2B1-C54EE3F9414D}, Net Scheme Handler, Preferred
httpu:, {E9F4EBAB-D97B-463E-A2B1-C54EE3F9414D}, Net Scheme Handler, Preferred
mcast:, {E9F4EBAB-D97B-463E-A2B1-C54EE3F9414D}, Net Scheme Handler, Preferred
mcrecv:, {FA6D33D4-9405-4BA5-9983-12604AC8E77A}, Miracast Sink Scheme Handler, Preferred
mms:, {E9F4EBAB-D97B-463E-A2B1-C54EE3F9414D}, Net Scheme Handler, Preferred
ms-appdata:, {CFC81939-3886-4ACF-9692-DA58037AE716}, MsAppData Scheme Handler, Preferred
ms-appx-web:, {8DB0224B-3D65-4F6F-8E12-BEB4B78B8974}, MsAppxWeb Scheme Handler, Preferred
ms-appx:, {8DB0224B-3D65-4F6F-8E12-BEB4B78B8974}, MsAppx Scheme Handler, Preferred
ms-winsoundevent:, {F79A6BF9-7415-4CF3-AE10-4559509ABC3C}, Sound Event Scheme Handler, Preferred
rtsp:, {E9F4EBAB-D97B-463E-A2B1-C54EE3F9414D}, Net Scheme Handler, Preferred
rtsp:, {E9F4EBAB-D97B-463E-A2B1-C54EE3F9414D}, Net Scheme Handler, Preferred
rtspt:, {E9F4EBAB-D97B-463E-A2B1-C54EE3F9414D}, Net Scheme Handler, Preferred
rtspu:, {E9F4EBAB-D97B-463E-A2B1-C54EE3F9414D}, Net Scheme Handler, Preferred
sdp:, {E9F4EBAB-D97B-463E-A2B1-C54EE3F9414D}, Net Scheme Handler, Preferred

Preferred Media Foundation Transforms

[HKEY_LOCAL_MACHINE\Software\Classes\MediaFoundation\Transforms\Preferred]

<media subtype GUID>, [<transform friendly name>,]<transform CLSID>

{EB27CEC4-163E-4CA3-8B74-8E25F91B517E}, Dolby TrueHD IEC-61937 converter MFT,
{CF5EEEDF-0E92-4B3B-A161-BD0FFE545E4B}
{E06D802C-DB46-11CF-B4D1-00805F6CBBEA}, Microsoft Dolby Digital Plus Decoder MFT,
{177C0AFE-900B-48D4-9E4C-57ADD250B3D4}
MFVideoFormat_MPEG2, Microsoft MPEG Video Decoder MFT,
{2D709E52-123F-49B5-9CBC-9AF5CDE28FB9}
MEDIASUBTYPE_DOLBY_DDPLUS, Microsoft Dolby Digital Plus Decoder MFT,
{177C0AFE-900B-48D4-9E4C-57ADD250B3D4}
{A61AC364-AD0E-4744-89FF-213CE0DF8804}, DTS IEC-61937 converter MFT,
{D035E24C-C877-42D7-A795-2A8A339B472F}
{A2E58EB7-0FA9-48BB-A40C-FA0E156D0645}, DTS IEC-61937 converter MFT,
{D035E24C-C877-42D7-A795-2A8A339B472F}
{7634706D-0000-0010-8000-00AA00389B71}, Mpeg4s Decoder MFT, CLSID_CMpeg4sDecMFT
{73616D72-767A-494D-B478-F29D25DC9037}, MS AMRNB Decoder MFT,
{265011AE-5481-4F77-A295-ABB6FFE8D63E}
MEDIASUBTYPE_mp4s, Mpeg4s Decoder MFT, CLSID_CMpeg4sDecMFT
MFVideoFormat_DVSL, DV Decoder MFT, {404A6DE5-D4D6-4260-9BC7-5A6CBD882432}
MFVideoFormat_DVSD, DV Decoder MFT, {404A6DE5-D4D6-4260-9BC7-5A6CBD882432}
MFVideoFormat_DVHD, DV Decoder MFT, {404A6DE5-D4D6-4260-9BC7-5A6CBD882432}
{63616C61-0000-0010-8000-00AA00389B71}, Microsoft ALAC Audio Decoder MFT,
{C0CD7D12-31FC-4BBC-B363-7322EE3E1879}
MFVideoFormat_MP4V, Mpeg4s Decoder MFT, CLSID_CMpeg4sDecMFT
MFVideoFormat_MP4S, Mpeg4s Decoder MFT, CLSID_CMpeg4sDecMFT
{53314356-0000-0010-8000-00AA00389B71}, WMVideo Decoder MFT,
CLSID_CWMVDecMediaObject
MEDIASUBTYPE_WMVR, WMVideo Decoder MFT, CLSID_CWMVDecMediaObject
MEDIASUBTYPE_WMVP, WMVideo Decoder MFT, CLSID_CWMVDecMediaObject
MFVideoFormat_MJPG, MJPEG Decoder MFT, {CB17E772-E1CC-4633-8450-5617AF577905}
MEDIASUBTYPE_WMVA, WMVideo Decoder MFT, CLSID_CWMVDecMediaObject
{3F40F4F0-5622-4FF8-B6D8-A17A584BEE5E}, Microsoft H264 Video Decoder MFT,
CLSID_CMSH264DecoderMFT
MEDIASUBTYPE_mpg4, Mpeg4 Decoder MFT, CLSID_CMpeg4DecMediaObject
MEDIASUBTYPE_MPG4, Mpeg4 Decoder MFT, CLSID_CMpeg4DecMediaObject
MFVideoFormat_H264, Microsoft H264 Video Decoder MFT, CLSID_CMSH264DecoderMFT
MFVideoFormat_WMV3, WMVideo Decoder MFT, CLSID_CWMVDecMediaObject
{33363248-0000-0010-8000-00AA00389B71}, Mpeg4s Decoder MFT, CLSID_CMpeg4sDecMFT
MEDIASUBTYPE_mp43, Mpeg43 Decoder MFT, CLSID_CMpeg43DecMediaObject
MFVideoFormat_MP43, Mpeg43 Decoder MFT, CLSID_CMpeg43DecMediaObject
MEDIASUBTYPE_m4s2, Mpeg4s Decoder MFT, CLSID_CMpeg4sDecMFT
MFVideoFormat_WMV2, WMVideo Decoder MFT, CLSID_CWMVDecMediaObject
MFVideoFormat_MSS2, WMV Screen decoder MFT, CLSID_CMSSDecMediaObject
MFVideoFormat_M4S2, Mpeg4s Decoder MFT, CLSID_CMpeg4sDecMFT
MEDIASUBTYPE_WVP2, WMVideo Decoder MFT, CLSID_CWMVDecMediaObject
MEDIASUBTYPE_mp42, Mpeg4 Decoder MFT, CLSID_CMpeg4DecMediaObject

MEDIASUBTYPE_MP42, Mpeg4 Decoder MFT, CLSID_CMpeg4DecMediaObject
MFVideoFormat_WMV1, WMVideo Decoder MFT, CLSID_CWMVDecMediaObject
MFVideoFormat_MSS1, WMV Screen decoder MFT, CLSID_CMSSCDecMediaObject
MFVideoFormat_MPG1, Microsoft MPEG Video Decoder MFT,
{2D709E52-123F-49B5-9CBC-9AF5CDE28FB9}
MFVideoFormat_WVC1, WMVideo Decoder MFT, CLSID_CWMVDecMediaObject
MFVideoFormat_DVC, DV Decoder MFT, {404A6DE5-D4D6-4260-9BC7-5A6CBD882432}
{0000F1AC-0000-0010-8000-00AA00389B71}, Microsoft FLAC Audio Decoder MFT,
{6B0B3E6B-A2C5-4514-8055-AFE8A95242D9}
{00007361-0000-0010-8000-00AA00389B71}, MS AMRNB Decoder MFT,
{265011AE-5481-4F77-A295-ABB6FFE8D63E}
{0000704F-0000-0010-8000-00AA00389B71}, Microsoft Opus Audio Decoder MFT,
{63E17C10-2D43-4C42-8FE3-8D8B63E46A6A}
{00006C61-0000-0010-8000-00AA00389B71}, Microsoft ALAC Audio Decoder MFT,
{C0CD7D12-31FC-4BBC-B363-7322EE3E1879}
{00002001-0000-0010-8000-00AA00389B71}, DTS IEC-61937 converter MFT,
{D035E24C-C877-42D7-A795-2A8A339B472F}
{00002000-0000-0010-8000-00AA00389B71}, Microsoft Dolby Digital Plus Decoder MFT,
{177C0AFE-900B-48D4-9E4C-57ADD250B3D4}
MFAudioFormat_AAC, Microsoft AAC Audio Decoder MFT, CLSID_CMSAACDecMFT
MFAudioFormat_ADTS, Microsoft AAC Audio Decoder MFT, CLSID_CMSAACDecMFT
MFAudioFormat_WMAudio_Lossless, WMAudio Decoder MFT, CLSID_CWMADecMediaObject
MFAudioFormat_WMAudioV9, WMAudio Decoder MFT, CLSID_CWMADecMediaObject
MFAudioFormat_WMAudioV8, WMAudio Decoder MFT, CLSID_CWMADecMediaObject
MEDIASUBTYPE_MSAUDIO1, WMAudio Decoder MFT, CLSID_CWMADecMediaObject
MEDIASUBTYPE_RAW_AAC1, Microsoft AAC Audio Decoder MFT, CLSID_CMSAACDecMFT
MFAudioFormat_MP3, MP3 Decoder MFT, CLSID_CMP3DecMediaObject
MFAudioFormat_MPEG, Microsoft MPEG Audio Decoder MFT,
{70707B39-B2CA-4015-ABEA-F8447D22D88B}
{00000031-0000-0010-8000-00AA00389B71}, GSM ACM Wrapper MFT,
{4A76B469-7B66-4DD4-BA2D-DDF244C766DC}
{00000011-0000-0010-8000-00AA00389B71}, IMA ADPCM ACM Wrapper MFT,
{A16E1BFF-A80D-48AD-AECD-A35C005685FE}
KSDATAFORMAT_SUBTYPE_MULAW, G711 Wrapper MFT, {92B66080-5E2D-449E-90C4-C41F268E5514}
{00000006-0000-0010-8000-00AA00389B71}, A-law Wrapper MFT,
{36CB6E0C-78C1-42B2-9943-846262F31786}
KSDATAFORMAT_SUBTYPE_ADPCM, ADPCM ACM Wrapper MFT,
{CA34FE0A-5722-43AD-AF23-05F7650257DD}
WMEDIASUBTYPE_WMSP2, WMSpeech Decoder DMO, CLSID_CWMSPDecMediaObject
MFAudioFormat_MSP1, WMSpeech Decoder DMO, CLSID_CWMSPDecMediaObject

Disabled Media Foundation Transforms

[HKEY_LOCAL_MACHINE\Software\Classes\MediaFoundation\Transforms\DoNotUse]

<transform CLSID>

Disabled Media Sources

[HKEY_LOCAL_MACHINE\Software\Classes\MediaFoundation\MediaSources\DoNotUse]

<media source CLSID>

EVR Power Information

Current Setting: {5C67A112-A4C9-483F-B4A7-1D473BECAFDC} (Quality)

Quality Flags: 2576

Enabled:

Force throttling

Allow half deinterlace

Allow scaling

Decode Power Usage: 100

Balanced Flags: 1424

Enabled:

Force throttling

Allow batching

Force half deinterlace

Force scaling

Decode Power Usage: 50

PowerFlags: 1424

Enabled:

Force throttling

Allow batching

Force half deinterlace

Force scaling

Decode Power Usage: 0

Diagnostics

Windows Error Reporting:

+++ WER0 +++:

Fault bucket 1434666958374191774, type 4

Event Name: APPCRASH

Response: Not available

Cab Id: 0

Problem signature:

P1: mmc.exe

P2: 10.0.19041.1586

P3: cea47e59
P4: KERNELBASE.dll
P5: 10.0.19041.1566
P6: 0833f2d4
P7: c000041d
P8: 000000000034f69
P9:
P10:

+++ WER1 +++:
Fault bucket 2230262020097735062, type 5
Event Name: CLR20r3
Response: Not available
Cab Id: 0

Problem signature:
P1: mmc.exe
P2: 10.0.19041.1586
P3: cea47e59
P4: System.Drawing
P5: 4.8.4390.0
P6: 609c4408
P7: 1f0
P8: 18
P9: N3CTRYE2KN3C34SGL4ZQYRBFTE4M13NB
P10:

+++ WER2 +++:
Fault bucket , type 0
Event Name: StartupRepairOnline
Response: Not available
Cab Id: 0

Problem signature:
P1: 10.0.19041.546
P2: 10.0.19041.1
P3: Hewlett-Packard
P4: 394
P5: 0
P6: AutoFailover
P7: 1
P8: unknown
P9:
P10:

+++ WER3 +++:
Fault bucket , type 0

Event Name: StartupRepairOnline
Response: Not available
Cab Id: 0

Problem signature:
P1: 10.0.19041.546
P2: 10.0.19041.1
P3: Hewlett-Packard
P4: 394
P5: 0
P6: AutoFailover
P7: 1
P8: unknown
P9:
P10:

+++ WER4 +++:
Fault bucket 1313737964030703251, type 5
Event Name: MoBEX
Response: Not available
Cab Id: 0

Problem signature:
P1: windows.immersivecontrolpanel_10.0.2.1000_neutral_neutral_cw5n1h2txyewy
P2: praid:microsoft.windows.immersivecontrolpanel
P3: 10.0.19041.1566
P4: 4aa1ce82
P5: KERNELBASE.dll
P6: 10.0.19041.1566
P7: 0833f2d4
P8: 00000000010b362
P9: c0000409
P10: 0000000000000007

+++ WER5 +++:
Fault bucket , type 0
Event Name: RADAR_PRE_LEAK_64
Response: Not available
Cab Id: 0

Problem signature:
P1: tws.exe
P2: 9.81.3.11
P3: 10.0.19044.2.0.0
P4:
P5:
P6:
P7:

P8:
P9:
P10:

+++ WER6 +++:
Fault bucket 1201293419330911143, type 1
Event Name: APPCRASH
Response: Not available
Cab Id: 0

Problem signature:
P1: AdobeNotificationHelper.exe
P2: 5.2.0.121
P3: 5ee31efa
P4: AdobeNotificationHelper.exe
P5: 5.2.0.121
P6: 5ee31efa
P7: c0000005
P8: 000325b5
P9:
P10:

+++ WER7 +++:
Fault bucket 1315954456481550729, type 5
Event Name: RADAR_PRE_LEAK_64
Response: Not available
Cab Id: 0

Problem signature:
P1: msedge.exe
P2: 99.0.1150.36
P3: 10.0.19044.2.0.0
P4:
P5:
P6:
P7:
P8:
P9:
P10:

+++ WER8 +++:
Fault bucket 2119733130701250076, type 5
Event Name: WindowsWcpOtherFailure3
Response: Not available
Cab Id: 0

Problem signature:

P1: 10.0.19041.1525:1
P2: wcp\componentstore\storelayout.cpp
P3: ComponentStore::CRawStoreLayout::HydrateFileUsingForwardAndReverseDeltas
P4: 1682
P5: 800f0984
P6: 0x2bc3acfa
P7:
P8:
P9:
P10:

+++ WER9 +++:
Fault bucket , type 0
Event Name: WindowsWcpOtherFailure3
Response: Not available
Cab Id: 0

Problem signature:
P1: 10.0.19041.1525:1
P2: wcp\componentstore\storelayout.cpp
P3: ComponentStore::CRawStoreLayout::HydrateFileUsingForwardAndReverseDeltas
P4: 1682
P5: 800f0984
P6: 0x2bc3acfa
P7:
P8:
P9:
P10: