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|  | **Infomedia 2.0** |
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|  | Video Performance Tests |
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|  | Document |
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|  | Author: EPT |
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|  | Repository: |
|  | Gorba AG  Sandackerstrasse  9245 Oberbüren  Switzerland |

# Introduction

This document shows the performance tests of different ways of showing videos with managed DirectX on a PM06.

# Video TopMost

This scenario plays the video in a windows panel top most of all other controls.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Video information** | **Fullscreen** | **Scrolltext 90pt** | **CPU used (max)** | **FPS Scrolltext(Max: 50)** | **Look and feel** |
| Name: Goldlinien BestOf.mpeg  Size: 53MB  Format: Mpeg2 (Main@High 1440) (Custom Matrix) Resolution: 840x472 (16:9)  Framerate: 25 FPS  4000Kbps | no | no | 52% | Video: 25 | Fluent |
|  | no | yes | 85% | Max | Fluent |
|  | yes | no | ? | ? | Fluent |
|  | yes | Yes (not visible) | ? | ? | Hanging sometimes |
|  |  |  |  |  |  |
| Name: video.mpg  Format: Mpeg1 (BVOP) Resolution: 320x240 (4:3)  Framerate: 25 FPS  1712Kbps | No | No | 33% | - | Fluent |
|  | No | Yes | 62% | Max | Fluent |
|  | Yes | No | ? | ? | Fluent |
|  | Yes | Yes | ? | ? | Fluent |
|  |  |  |  |  |  |
| Name: mitte h.avi  Format: Mpeg2 (Main@Main) (PAL) Resolution: 720x576 (4:3)  Framerate: 25 FPS  2038Kbps | No | No | 25% | - | Not fluent |
|  | No | Yes | 30% | Max | Not fluent |
|  | Yes | No | ? | ? | Not fluent |
|  | Yes | Yes | ? | ? | Not fluent |

# Video Texture

This scenario draws the video onto the surface, where also all other controls are drawn.

On a PM06 600MHz and PM08 800MHz System, the graphics card is not suitable to render videos to texture with managed DirectX.