Métricas:
- **Utilização média de CPU:** Monitor de recursos do Windows apresenta percentual médio de consumo da CPU pelo processo
- **Utilização média de Memória:** Monitor de recursos do Windows
- **Tempo de conversão**

Fatores e níveis:
- **Programa utilizado:** Handbrake e DVD Flick
- **Resolução do vídeo:** 1280x720 e 360x240
- **Tamanho do vídeo:** 20MB, 5MB e 1MB

Computador utilizado:
- Windows 10 (64 bits)
- Processador Intel Core i5-7400K @ 3.0 GHz
- RAM 8 GB DDR4 @ 2400 MHz

Dados dos vídeos de entrada:

SampleVideo_1280x720_20mb.mp4:
 Metadata:
   major_brand   : isom
   minor_version : 512
   compatible_brands: isomiso2avc1mp41
   creation_time   : 1970-01-01T00:00:00.000000Z
   encoder   : Lavf53.24.2
 Duration: 00:01:57.31, start: 0.000000, bitrate: 1436 kb/s
   Stream #0:0(und): Video: h264 (Main) (avc1 / 0x31637661), yuv420p, 1280x720 [SAR 1:1 DAR 16:9], 1048 kb/s, 25 fps, 25 tbr, 12800 tbn, 50 tbc (default)

SampleVideo_1280x720_5mb.mp4:
 Metadata:
   major_brand   : isom
   minor_version : 512
   compatible_brands: isomiso2avc1mp41
   creation_time   : 1970-01-01T00:00:00.000000Z
   encoder   : Lavf53.24.2
 Duration: 00:00:29.57, start: 0.000000, bitrate: 1421 kb/s
   Stream #0:0(und): Video: h264 (Main) (avc1 / 0x31637661), yuv420p, 1280x720 [SAR 1:1 DAR 16:9], 1032 kb/s, 25 fps, 25 tbr, 12800 tbn, 50 tbc (default)

SampleVideo_1280x720_1mb.mp4:
 Metadata:
   major_brand   : isom
   minor_version : 512
   compatible_brands: isomiso2avc1mp41
   creation_time   : 1970-01-01T00:00:00.000000Z

encoder   : Lavf53.24.2
  Duration: 00:00:05.31, start: 0.000000, bitrate: 1589 kb/s
    Stream #0:0(und): Video: h264 (Main) (avc1 / 0x31637661), yuv420p, 1280x720 [SAR 1:1
DAR 16:9], 1205 kb/s, 25 fps, 25 tbr, 12800 tbn, 50 tbc (default)

SampleVideo_360x240_20mb.mp4:
  Metadata:
    major_brand   : isom
    minor_version   : 512
    compatible_brands: isomiso2avc1mp41
    creation_time   : 1970-01-01T00:00:00.000000Z
    encoder   : Lavf53.24.2
  Duration: 00:04:05.29, start: 0.000000, bitrate: 684 kb/s
    Stream #0:0(und): Video: h264 (Main) (avc1 / 0x31637661), yuv420p, 320x240 [SAR 1:1
DAR 4:3], 297 kb/s, 15 fps, 15 tbr, 15360 tbn, 30 tbc (default)

SampleVideo_360x240_5mb.mp4:
  Metadata:
    major_brand   : isom
    minor_version   : 512
    compatible_brands: isomiso2avc1mp41
    creation_time   : 1970-01-01T00:00:00.000000Z
    encoder   : Lavf53.24.2
  Duration: 00:01:04.90, start: 0.000000, bitrate: 647 kb/s
    Stream #0:0(und): Video: h264 (Main) (avc1 / 0x31637661), yuv420p, 320x240 [SAR 1:1
DAR 4:3], 260 kb/s, 15 fps, 15 tbr, 15360 tbn, 30 tbc (default)

SampleVideo_360x240_1mb.mp4:
  Metadata:
    major_brand   : isom
    minor_version   : 512
    compatible_brands: isomiso2avc1mp41
    creation_time   : 1970-01-01T00:00:00.000000Z
    encoder   : Lavf53.24.2
  Duration: 00:00:13.70, start: 0.000000, bitrate: 615 kb/s
    Stream #0:0(und): Video: h264 (Main) (avc1 / 0x31637661), yuv420p, 320x240 [SAR 1:1
DAR 4:3], 229 kb/s, 15 fps, 15 tbr, 15360 tbn, 30 tbc (default)

Métricas:
Para cada combinação de Fatores/Níveis, foram realizadas 5 análises e verificada a média
de cada uma delas.