# A64 多媒体支持列表

## Part I: Multimedia Processing

**Video**

| Video Decoding | Profile | Max Resolution | Performance | Max Bit Rate |
|---|---|---|---|---|
| MPEG1 | MP/HL | 1920x1080 | 1080p@60fps | 100Mbps |
| MPEG2 | MP/HL | 1920x1080 | 1080p@60fps | 100Mbps |
| MPEG4-XVID | SP,ASP | 1920x1080 | 1080p@60fps | 100Mbps |
| Divx4/5 | HD | 1920x1080 | 1080p@60fps | 100Mbps |
| Divx 3.11 | | 1280 x720 | 720p@30fps | 10Mbps |
| H.264 | BP/MP/HP | 4096x2048 | 1080p@60fps | 60Mbps |
| H.265 | MP/L5.2 | 4096x2048 | 1080p@60fps | 60Mbps |
| AVS/AVS+ | | 1920x1080 | 1080p@60fps | 30Mbps |
| H.263 | BP | 1920x1080 | 1080p@60fps | 100Mbps |
| WMV7/8 | | 1280 x720 | 720p@30fps | 4Mbps |
| VC-1 | SP/MP/AP | 1920x1080 | 1080p@30fps | 100Mbps |
| VP6 | 6.0/6.1/6.2 | 1280 x720 | 720p@30fps | 4Mbps |
| VP8 | | 4096x2048 | 1080p@60fps | 40Mbps |
| MJPEG | | 1920x1080 | 1080p@60fps | 300Mbps |
| VP9 | | 1280 x720 | 720p@30fps | 2Mbps |

| Video Encoding | Max Resolution | Max Bit Rate | Max Frame Rate | Remarks |
|---|---|---|---|---|
| JPEG | 4096 x 4096 | | | 4:2:0/4:2:2 Support 16M pixel |
| H.264 | 1920 x1080 | | 60fps | Simple/Main/High profile CAVLC/CABAC |

**Audio**

| Codec | Profile | Max Bit Rate | Max Sample Rate | Remarks |
|---|---|---|---|---|
| MP3 | All | 320Kbps | 48000 | |
| WMA | Standard/Pro | 384Kbps | 48000 | |
| OGG | Q1 –Q10 | 500Kbps | 48000 | |
| FLAC | Level0- Level8 | 1.60Mbps | 48000 | |
| APE | | 950Kbps | 48000 | |
| AAC | | 448Kbps | 48000 | |
| AMR | | | 48000 | |

## Part II. Container

| Container | Audio | Video | Max Bit Rate | Multi Audio Switch | Subtitle |
|---|---|---|---|---|---|
| MKV | MP3 | MPEG2 | 80Mbps | Support | UTF8/ASS/SSA/ ACSII/sub |
| | WMA | WMV9 | 80Mbps | | |
| | MP3 | Xvid | 80Mbps | | |
| | MP3 | H.264 | 80Mbps | | |
| | AAC | H.264 | 80Mbps | | |
| | FLAC | H.264 | 80Mbps | | |
| | OGG | H.264 | 80Mbps | | |
| AVI | MP3 | Xvid | 80Mbps | N.A | UTF8/ASS/SSA/ ACSII/sub |
| | MP3 | H.264 | 80Mbps | | |
| | AAC | H.264 | 80Mbps | | |
| | MP3 | MPEG2 | 80Mbps | | |
| | AAC | WMV7/8/9 | 80Mbps | | |
| | AAC | VC-1 | 80Mbps | | |
| | MP3 | MJPEG | 80Mbps | | |
| | MP3 | H263 | 80Mbps | | |
| TS/TP | MP2 | MPEG2 | 50Mbps | Support | UTF8/ASS/SSA/ ACSII/sub |
| | MP3 | MPEG2 | 50Mbps | | |
| | AAC | MPEG2 | 50Mbps | | |
| | MP3 | H.264 | 50Mbps | | |
| | AAC | H.264 | 50Mbps | | |
| | MP3 | VC-1 | 50Mbps | | |
| | AAC | VC-1 | 50Mbps | | |
| MP4/M4V | MP3 | Xvid | 80Mbps | N.A | UTF8/ASS /SSA/ACSII/sub |
| | MP3 | H.264 | 80Mbps | | |
| | AAC | H.264 | 80Mbps | | |
| MOV | MP3 | Xvid | 80Mbps | N.A | UTF8/ASS /SSA/ACSII/sub |
| | MP3 | H.264 | 80Mbps | | |
| | AAC | H.264 | 80Mbps | | |
| VOB | MP2 | MPEG2 | 80Mbps | Support | UTF8/ASS /SSA/ACSII/sub |
| | MP3 | MPEG2 | | | |
| PMP | MP3 | Xvid | 80Mbps | N.A | UTF8/ASS /SSA/ACSII/sub |
| | AAC | Xvid | 80Mbps | | |
| | MP3 | H.264 | 80Mbps | | |
| | AAC | H.264 | 80Mbps | | |
| MPG | MP1/2 | MPEG1 | 80Mbps | N.A | UTF8/ASS /SSA/ACSII/sub |
| | MP1/2 | MPEG2 | 80Mbps | | |
| M2TS | MP3 | MPEG2 | 50Mbps | Support | UTF8/ASS /SSA/ACSII/sub |
| | MP3 | H.264 | 50Mbps | | |
| | AAC | H.264 | 50Mbps | | |
| | AAC | VC-1 | 50Mbps | | |
| FLV | MP3 | H.263 | 80Mbps | N.A | UTF8/ASS /SSA/ACSII/sub |
| | AAC | H.263 | | | |
| | MP3 | H.264 | | | |
| | AAC | H.264 | | | |
| | MP3 | VP6 | | | |

| | | | | | |
|---|---|---|---|---|---|
| WMV | AAC | VP6 | | | |
| | WMA | VC-1 | 80Mbps | N.A | UTF8/ASS /SSA/ACSII/sub |
| | WMA Pro | VC-1 | 80Mbps | | |
| | WMA | WMV7 | 80Mbps | | |
| | WMA | WMV8 | 80Mbps | | |
| WebM | MP3 | VP8 | 80Mbps | Support | UTF8/ASS/SSA/ ACSII/sub |
| | AAC | VP8 | | | |

## Part III. Photo

| | Container | Profile | Max Resolution | Remarks |
|---|---|---|---|---|
| PHOTO | JPEG | Baseline | 65536x65536 | |
| | BMP | All | 2.5M pixels | |
| | GIF | 89a/87A | 2.5M pixels | |
| | PNG | All | 2.5M pixels | |