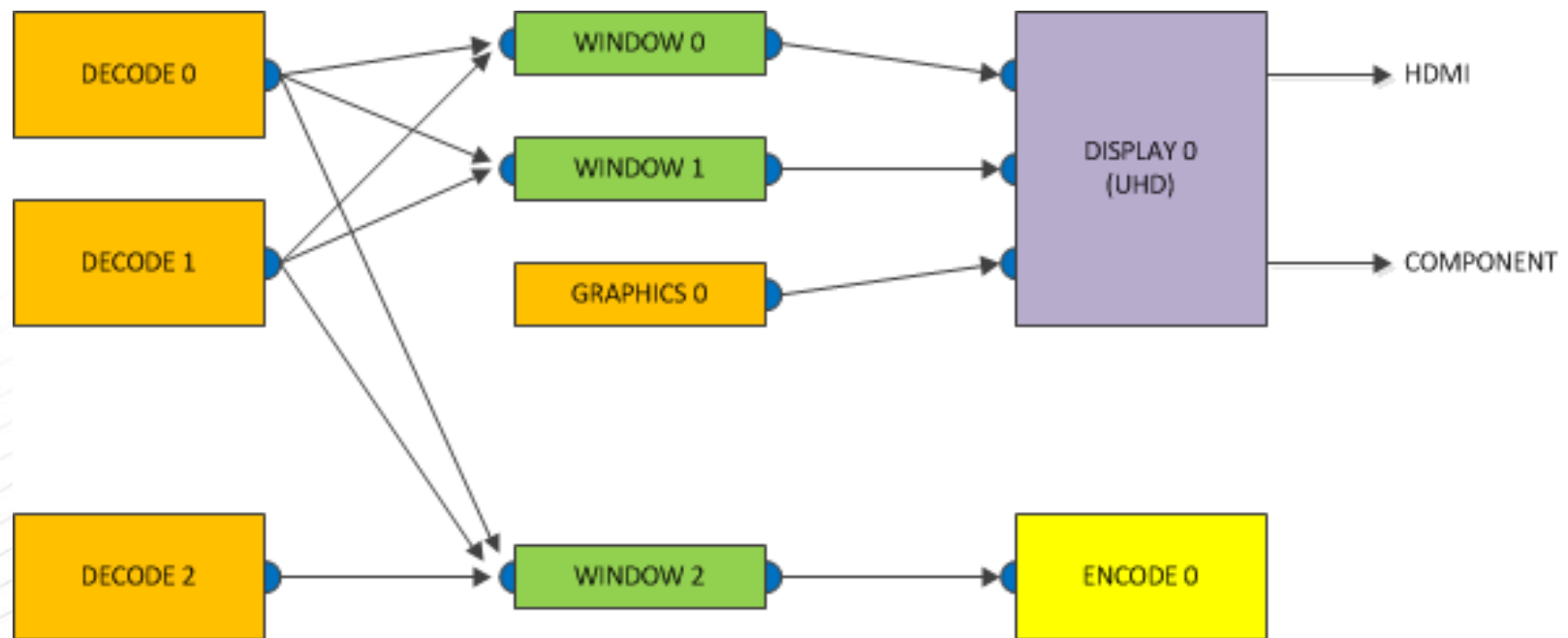# BOX MODE #1

7366

BOX MODE #1 – SUMMARY

- **Required memory speed: 2x 32-bit DDR3-2133**

- **Features**
    - Triple 1080p30/60i 8-bit AVC decode / 1080p60 10-bit HEVC decode
    - MAIN + PIP
    - UHD output only (no SD)
    - Single encode to 720p30

POSSIBLE VIDEO ROUTINGS

SOURCE LIMITATIONS

- **For each source, you may toggle between any of the provided options.**
  - Only one option enabled at a given time.

- **Decode 0 (MAIN)**
  - 1080p60 10-bit HEVC
  - 1080p30/60i 8-bit AVC

- **Decode 1 (PIP)**
  - 1080p60 10-bit HEVC
  - 1080p30/60i 8-bit AVC

- **Decode 2 (Transcode 0)**
  - 1080p60 10-bit HEVC
  - 1080p30/60i 8-bit AVC

- **Graphics 0 (UHD)**
  - 1080p60 32-bit ARGB

WINDOW LIMITATIONS

- **Window 0 (MAIN)**
  - Up to full-screen display
  - 10-bit support
  - 1080i60 10-bit de-interlacing

- **Window 1 (PIP)**
  - Up to ½ x ½ full-screen display
  - 8-bit support
  - 1080i60 8-bit de-interlacing

- **Window 2 (Transcode 0)**
  - Size of final encode
  - 480i60 8-bit de-interlacing

DISPLAY AND ENCODE LIMITATIONS

- **Display 0 (UHD)**
  - 3840x2160p60 12-bit 4:2:0 (HDMI)
  - 3840x2160p60 12-bit 4:2:2 (HDMI)
  - 3840x2160p60 8-bit 4:4:4 (HDMI)
  - 1920x1080p60 (component)
  - Only one display format at a time
    - If you want 1080p60 component, HDMI also needs to be 1080p60.

- **Encode 0**
  - 720p30 8-bit AVC