

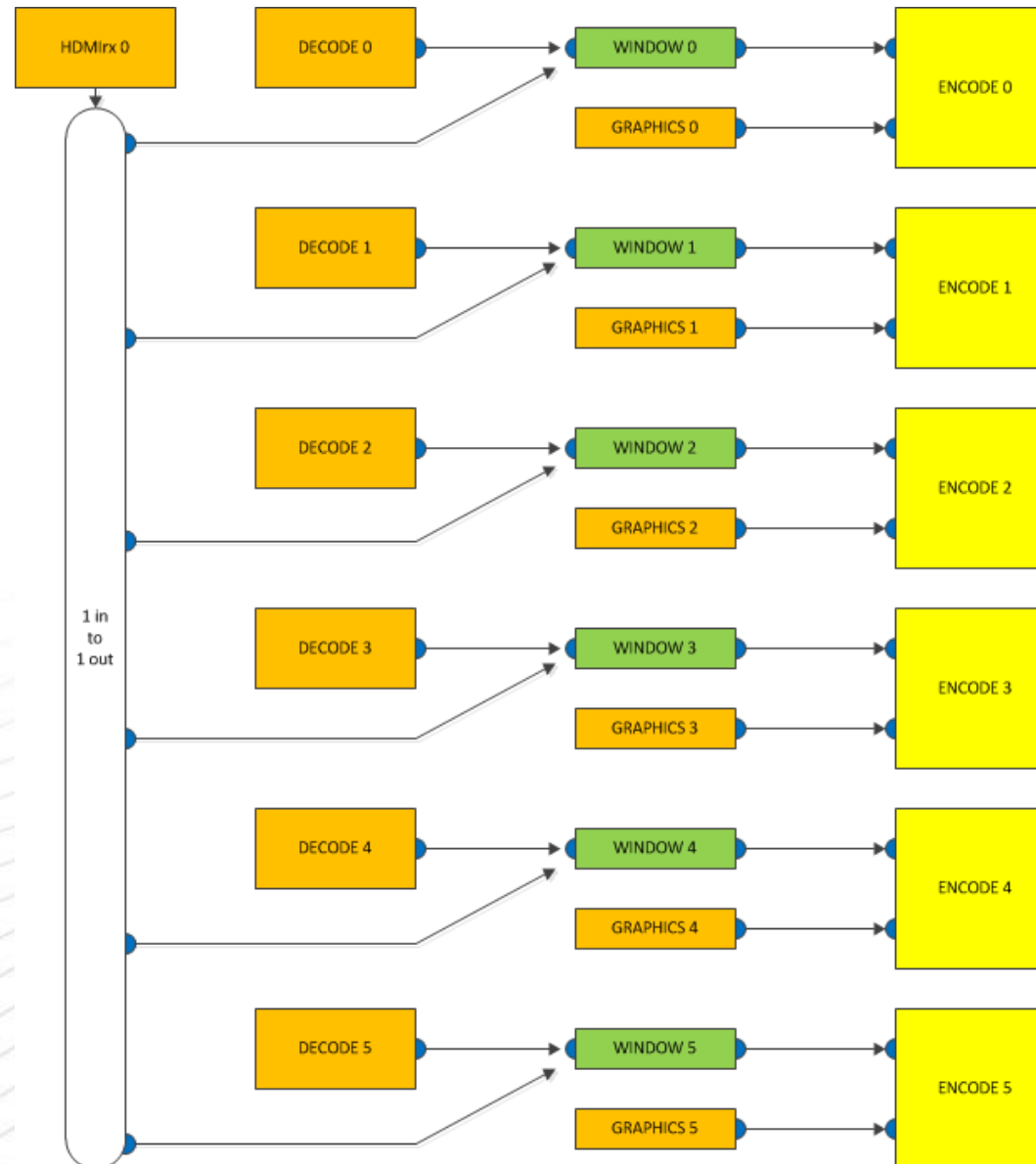
# BOX MODE #7

7445 Dx



- **Memory speed: 3x 32-bit DDR3-2133**
- **Supports:**
  - Headless box – no display
  - Six encodes with the following capabilities
    - Decode: 1080p60 10-bit HEVC or 1080p30/60i 8-bit AVC
    - Encode: 720p30 8-bit AVC
    - Graphics: Up to 1280x720p graphics
      - Vertical resolution of graphics must match encode.
  - Each source may be routed to one and only one encode.
  - HDMI input may replace one of the input sources

# POSSIBLE VIDEO ROUTINGS



- **For each source, you may toggle between any of the provided options.**
  - Only one option enabled at a given time.
- **All of the decoders have the same capabilities and limitations**
- **Decode 0..5 (Transcode N)**
  - 1920x1080p60 10-bit HEVC
  - 1920x1080p30/60i 8-bit AVC
- **HDMIrx 0**
  - 4096x2160p60 12-bit 4:2:0
  - 4096x2160p60 12-bit 4:2:2
  - 4096x2160p60 8-bit 4:4:4
- **All of the graphics paths have the same capabilities and limitations**
- **Graphics 0..5 (Transcode N)**
  - 1280x720p60 32-bit ARGB
  - *If enabled, the vertical size of the frame buffer must exactly match the encoder's vertical size.*



- **All of the window paths have the same capabilities and limitations**
- **Window 0..5 (Transcode N)**
  - Size of final encode.
  - 1080i60 8-bit de-interlacing

- **All the encode paths have the same capabilities and limitations**
- **Encode 0..5 (Transcode N)**
  - 720p60 8-bit AVC