

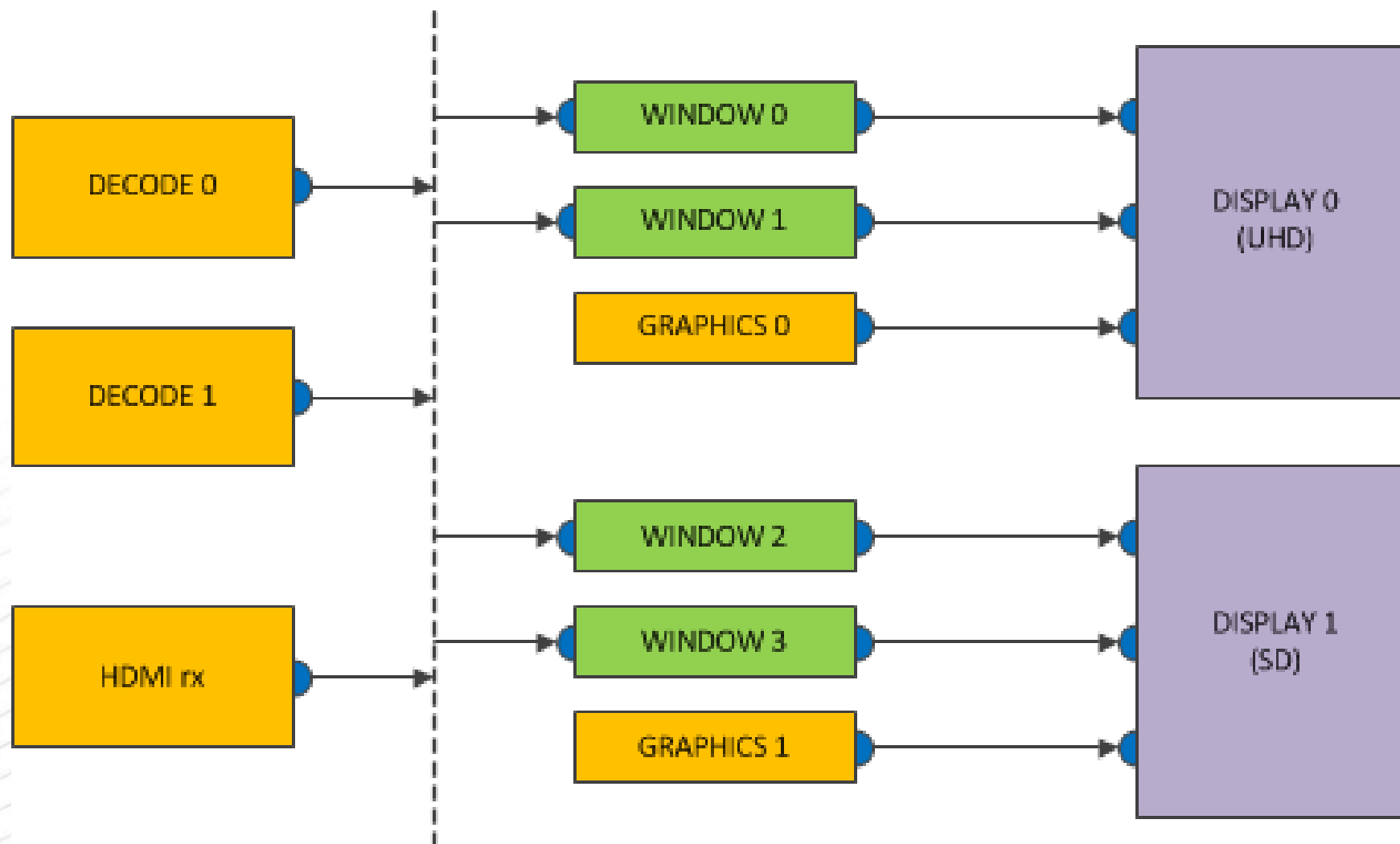
# BOX MODE #14

7439 Bx



- **Required memory speed: 2x 32-bit DDR3-1866**
  - No high-temperature refresh
- **Features:**
  - 3840x2160p60 10-bit decode for MAIN
  - 1080p30/60i PIP support
  - 3+1 quad multi-PIP support
  - UHD + SD display
  - HDMI input supported
  - No transcoding

# POSSIBLE VIDEO ROUTINGS



- **For each source, you may toggle between any of the provided options.**
  - Only one option enabled at a given time.
- **Decode 0**
  - 3840x2160p60 10-bit HEVC
  - 3840x2160p60 8-bit VP9
  - 1920x1080p60 8-bit AVC / MPEG
  - Multi-PIP mode (3x)
    - 1920x1080p30/60i 10-bit HEVC
    - 1920x1080p30/60i 8-bit VP9 / AVC / MPEG2
- **Decode 1**
  - 1920x1080p60 10-bit HEVC
  - 1920x1080p60 8-bit VP9 / AVC / MPEG2
- **HDMI rx**
  - 3840x2160p60
- **Graphics 0 (UHD)**
  - 1080p60 32-bit ARGB
- **Graphics 1 (SD)**
  - 480p60 32-bit ARGB
  - 576p50 32-bit ARGB



Decoder	MFD	Hardware
Decode 0	MFD0	HVD0
Decode 1	MFD1	HVD1

- **Window 0 (MAIN / UHD)**

- Up to full-screen display (smooth scaling)
- 1080i60 10-bit de-interlacing
- Multi-PIP mode (3x):
  - Up to three windows where each window can cover 25% of the display canvas.
  - 480i60 8-bit de-interlacing

- **Window 1 (PIP / UHD)**

- Up to full-screen display (smooth scaling)
- 1080i60 de-interlacing

- **Window 2 (MAIN / SD)**

- Up to full-screen display (smooth scaling)
- Multi-PIP mode (3x)
  - Up to three windows where each window can cover 25% of the display canvas

- **Window 3 (PIP / SD)**

- Up to full-screen display (smooth scaling)

- **Display 0 (UHD)**
  - 3840x2160p60
- **Display 1 (SD)**
  - 480i60
  - 576i50