

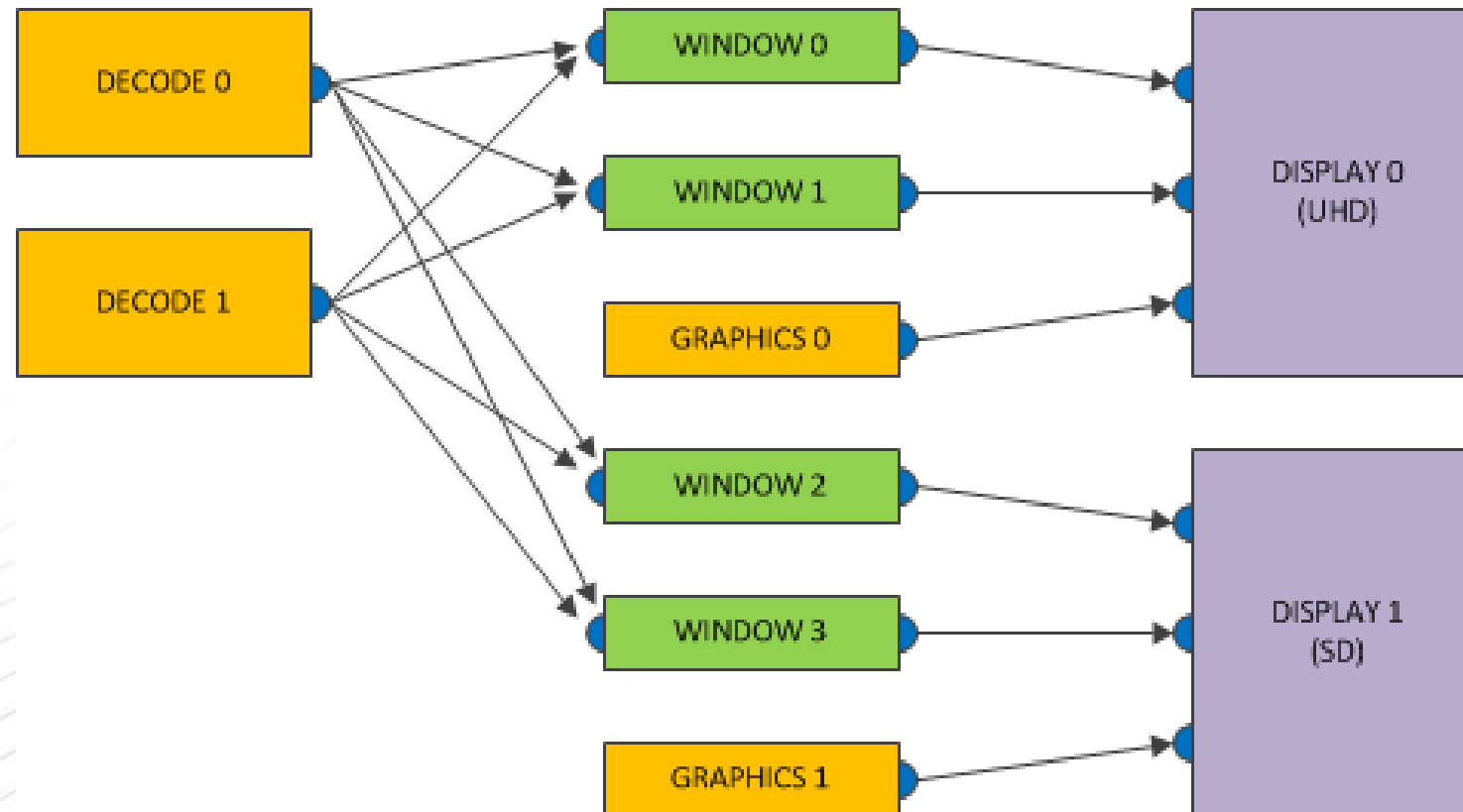
BOX MODE #3

7439 Bx



- **Required memory speed: 2x 32-bit DDR3-1866**
 - High-temperature refresh not supported
- **Features**
 - 3840x2160p60 10-bit decode for MAIN
 - 1920x1080i60 8-bit decode for PIP
 - Can also support 9 512x288p30 decodes
 - UHD + SD display
 - 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
- **Decode 1**
 - 1920x1080p30 / 60i 8-bit HEVC / VP9 / AVC
 - Can also support 9 512x288p30 8-bit AVC
- **Graphics 0 (UHD)**
 - 1080p60 32-bit ARGB
- **Graphics 1 (SD)**
 - 480p60 32-bit ARGB
 - 576p50 32-bit ARGB

Decoder	MFD	Usage	Hardware
Decode 0	MFD0	Primary decode	HVD0
Decode 1	MFD1	Secondary decode	HVD1

- **Window 0 (MAIN / UHD)**
 - Up to full-screen display (smooth scaling)
 - 10-bit support / 1080i60 10-bit de-interlacing
- **Window 1 (PIP / UHD)**
 - Up to $\frac{1}{2} \times \frac{1}{2}$ screen display
 - 480i60 8-bit de-interlacing
- **Window 2 (MAIN / SD)**
 - Up to full-screen display (smooth scaling)
- **Window 3 (PIP / SD)**
 - Up to $\frac{1}{2} \times \frac{1}{2}$ screen display

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