

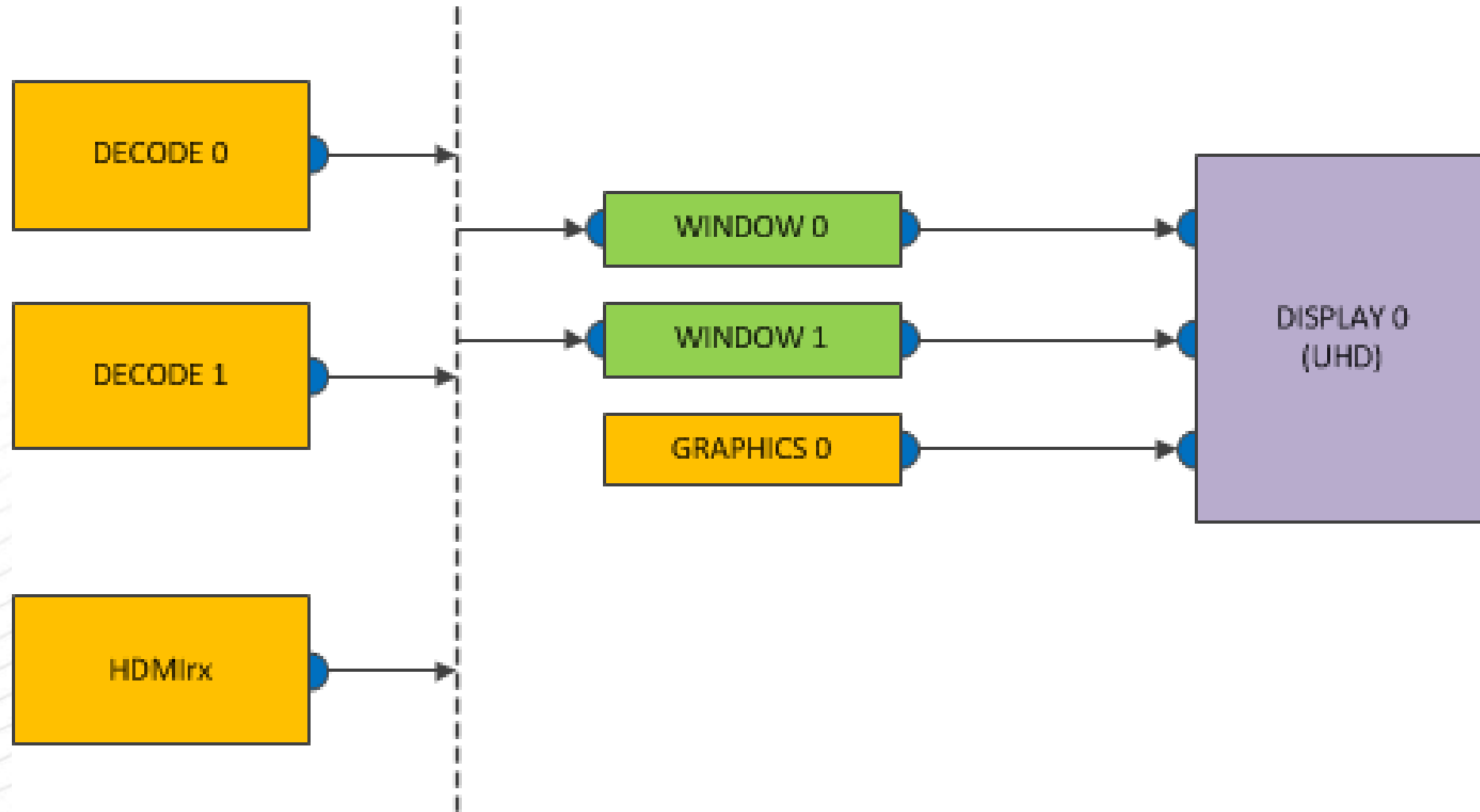
BOX MODE #12

7439 Bx



- **Required memory speed: 1x 32-bit DDR3-2133**
 - No high-temperature refresh
- **Features:**
 - 3840x2160p50 10-bit decode for MAIN
 - 1080p25/50i PIP support
 - HDMI input supported
 - UHD display only
 - No 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**
 - 3840x2160p50 10-bit HEVC
 - 3840x2160p50 8-bit VP9
 - 1920x1080p50 8-bit AVC / MPEG
- **Decode 1**
 - 1920x1080p25/50i 10-bit HEVC
 - 1920x1080p25/50i 8-bit VP9 / AVC / MPEG2
- **HDMIrx**
 - 3840x2160p50
- **Graphics 0 (UHD)**
 - 1080p50 32-bit ARGB

Decoder	MFD	Hardware
Decode 0	MFD0	HVD0
Decode 1	MFD1	HVD1

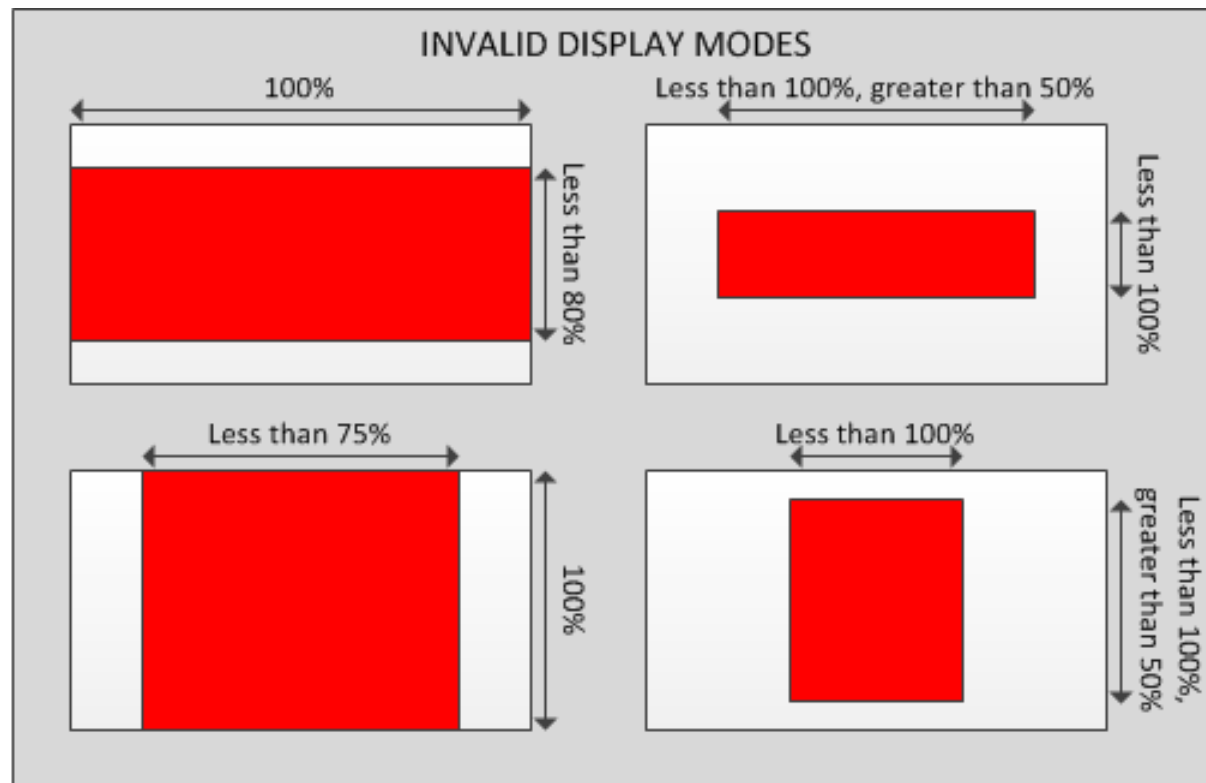
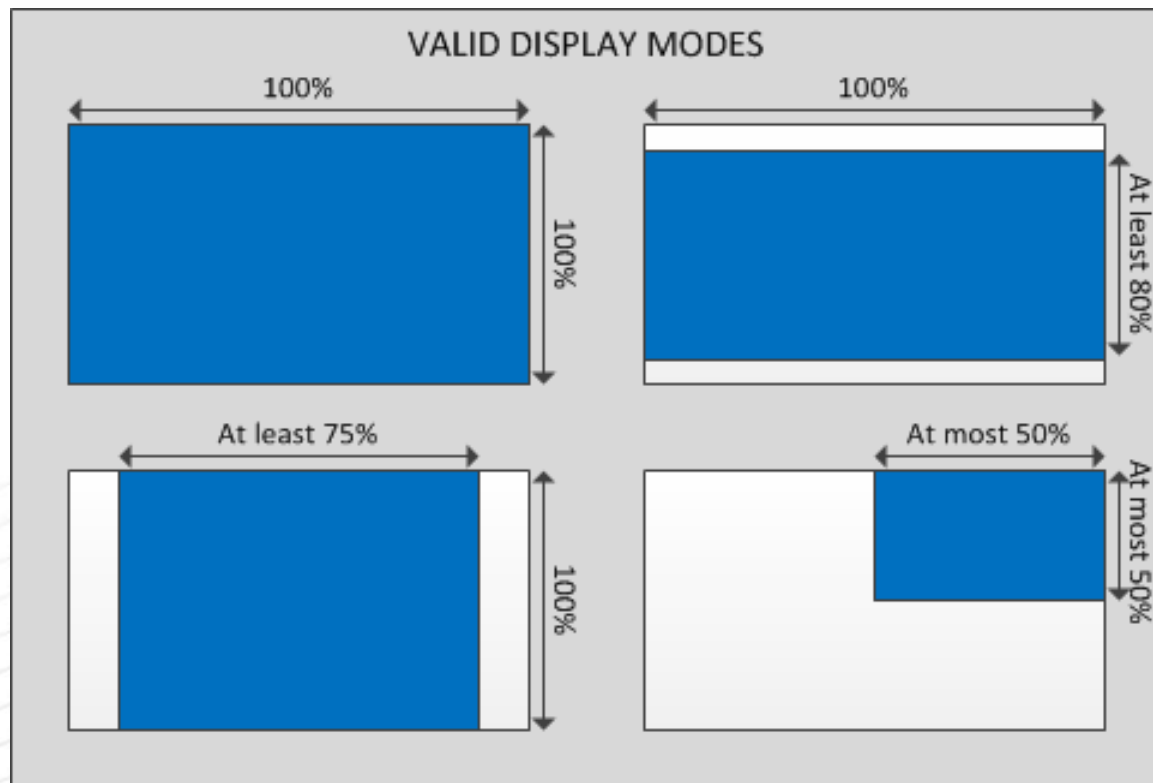
- **Window 0 (MAIN / UHD)**

- Limited display capabilities (see next slide)
- 1080i50 10-bit de-interlacing
- Multi-PIP mode (3x):
 - Up to three windows where each window can cover 25% of the display canvas.
 - 576i50 8-bit de-interlacing

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

- Up to $\frac{1}{2} \times \frac{1}{2}$ screen display
- 576i50 de-interlacing

WINDOW 0 (MAIN/UHD) LIMITS



- **Display 0 (UHD)**
 - 3840x2160p50