

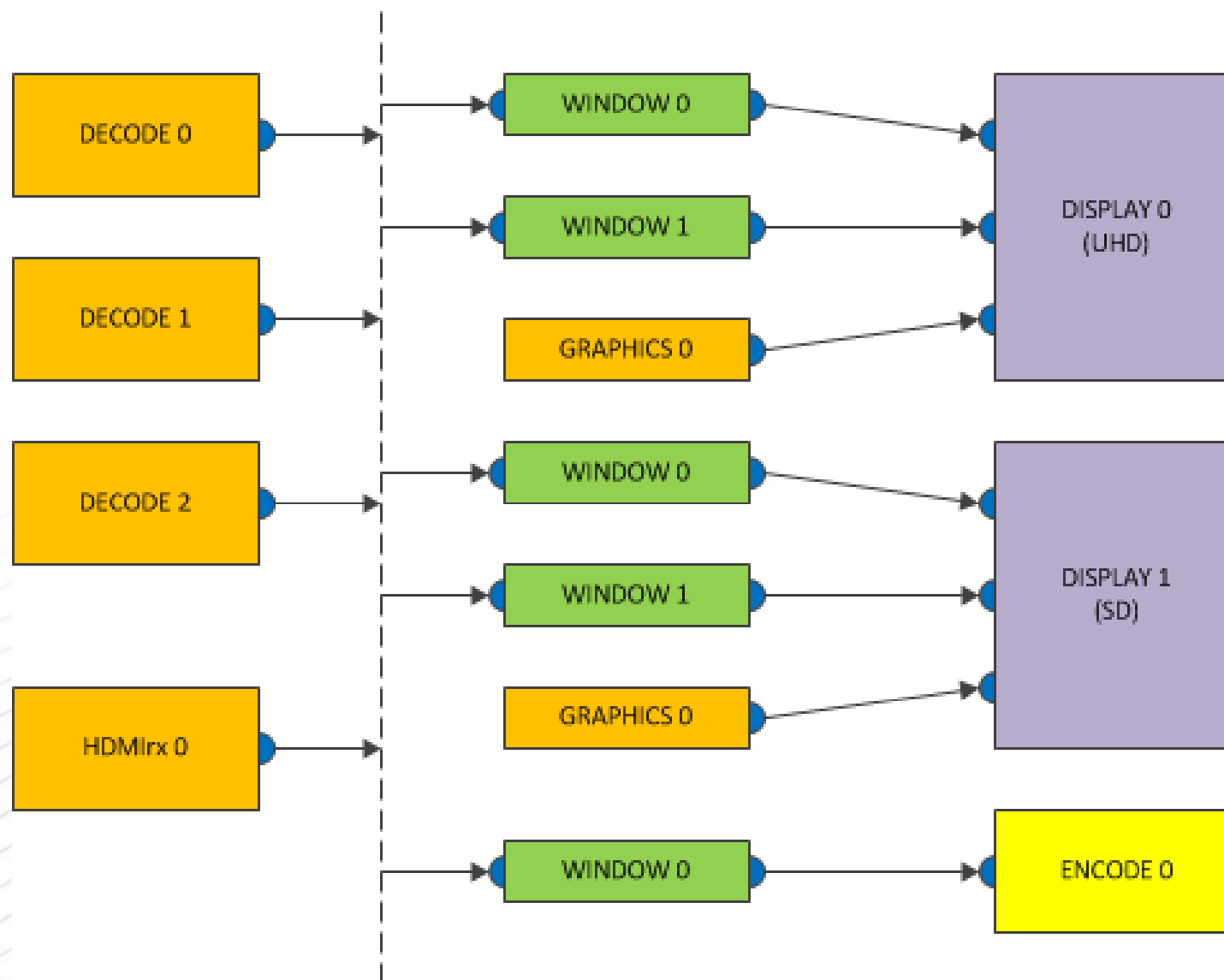
BOX MODE #13

7445 D0



- **Memory speed: 3x 32-bit DDR3-2133**
 - No high-temperature refresh support
- **Features:**
 - One 4kp60 10-bit HEVC decode
 - Two 1080p60 8-bit HEVC/AVC/MPEG decodes
 - MAIN + PIP
 - Multi-PIP (3 from main + 1 from PIP)
 - UHD + SD simultaneous outputs
 - HDMI input
 - One encode up to 1080p60

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**
 - Single-decode mode:
 - 3840x2160p60 10-bit HEVC
 - 1080p60 8-bit AVC / MPEG
 - Multi-PIP mode: (3x)
 - 1920x1080p30/60i 8-bit HEVC / AVC / MPEG
- **Decode 1**
 - 1920x1080p60 8-bit HEVC / AVC / MPEG
- **Decode 2**
 - 1920x1080p60 8-bit HEVC / AVC / MPEG
- **HDMIrx 0**
 - 3840x2160p60
 - 1920x1080i60
- **Graphics 0 / Display 0**
 - 1080p60 32-bit ARGB
- **Graphics 0 / Display 1**
 - 480p60 32-bit ARGB
 - 576p50 32-bit ARGB

Decoder	MFD	Hardware
Decode 0	MFD0	HVD0
Decode 1	MFD1	HVD1
Decode 2	MFD2	HVD2

■ Window 0 / Display 0 (UHD)

- Single decode mode:
 - Up to full-screen display (smooth scaling)
 - 1080i60 10-bit de-interlacing
- Multi-PIP mode (3x):
 - Each window may take up to 25% of the display canvas
 - 480i60 8-bit de-interlacing

■ Window 1 / Display 0 (UHD)

- Entire window must be contained within a rectangle that does not exceed 25% of the display canvas.
- 1080i60 8-bit de-interlacing.

■ Window 0 / Display 1 (SD)

- Single decode mode:
 - Up to full-screen display (smooth scaling)
- Multi-PIP mode (3x):
 - Each window may take up to 25% of the display canvas

■ Window 1 / Display 1 (SD)

- Entire window must be contained within a rectangle that does not exceed 25% of the display canvas

■ Window 0 / Encode 0

- Size of final encode
- 1080i60 8-bit de-interlacing

- **Display 0 (UHD)**

- 3840x2160p60

- **Display 1 (SD)**

- 480i60
- 576i50

- **Encode 0**

- 1080p60 8-bit