

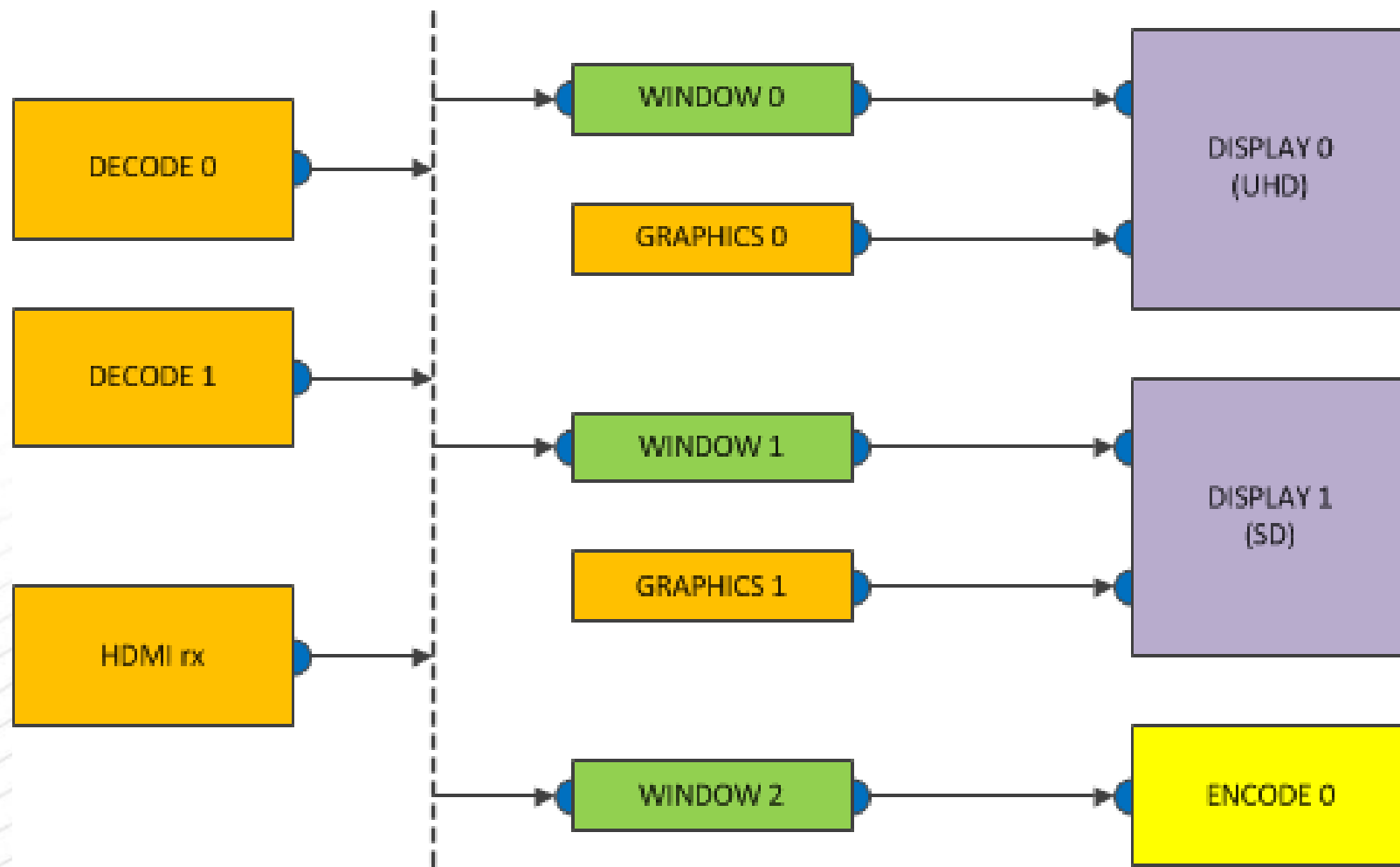
# BOX MODE #19

7439 Bx



- **Required memory speed: 1x 32-bit DDR3-2133**
  - No high-temperature refresh
- **Features:**
  - 3840x2160p25 decode
  - 1920x1080p25/50i decode
  - HD + SD display
  - MAIN only (no PIP)
  - HDMI input up to 3840x2160p50
  - 720p25 encoding

# 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**
  - 3840x2160p25 10-bit HEVC
  - 3840x2160p25 8-bit VP9
  - 1920x1080p50 8-bit AVC / MPEG2
- **Decode 1**
  - 1080p25/50i 10-bit HEVC
  - 1080p25/50i 8-bit VP9 / AVC / MPEG2
- **HDMI rx**
  - 3840x2160p50
- **Graphics 0 (UHD)**
  - 1080p50 32-bit ARGB
- **Graphics 1 (SD)**
  - 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)
- 1080i50 10-bit de-interlacing

- **Window 1 (MAIN / SD)**

- Up to full-screen display (smooth scaling)

- **Window 2 (Encode 0)**

- Full-screen only
- 1080i50 8-bit de-interlacing

- **Display 0 (UHD)**
  - 3840x2160p50
- **Display 1 (SD)**
  - 576i50
- **Encode 0**
  - 720p25 8-bit