

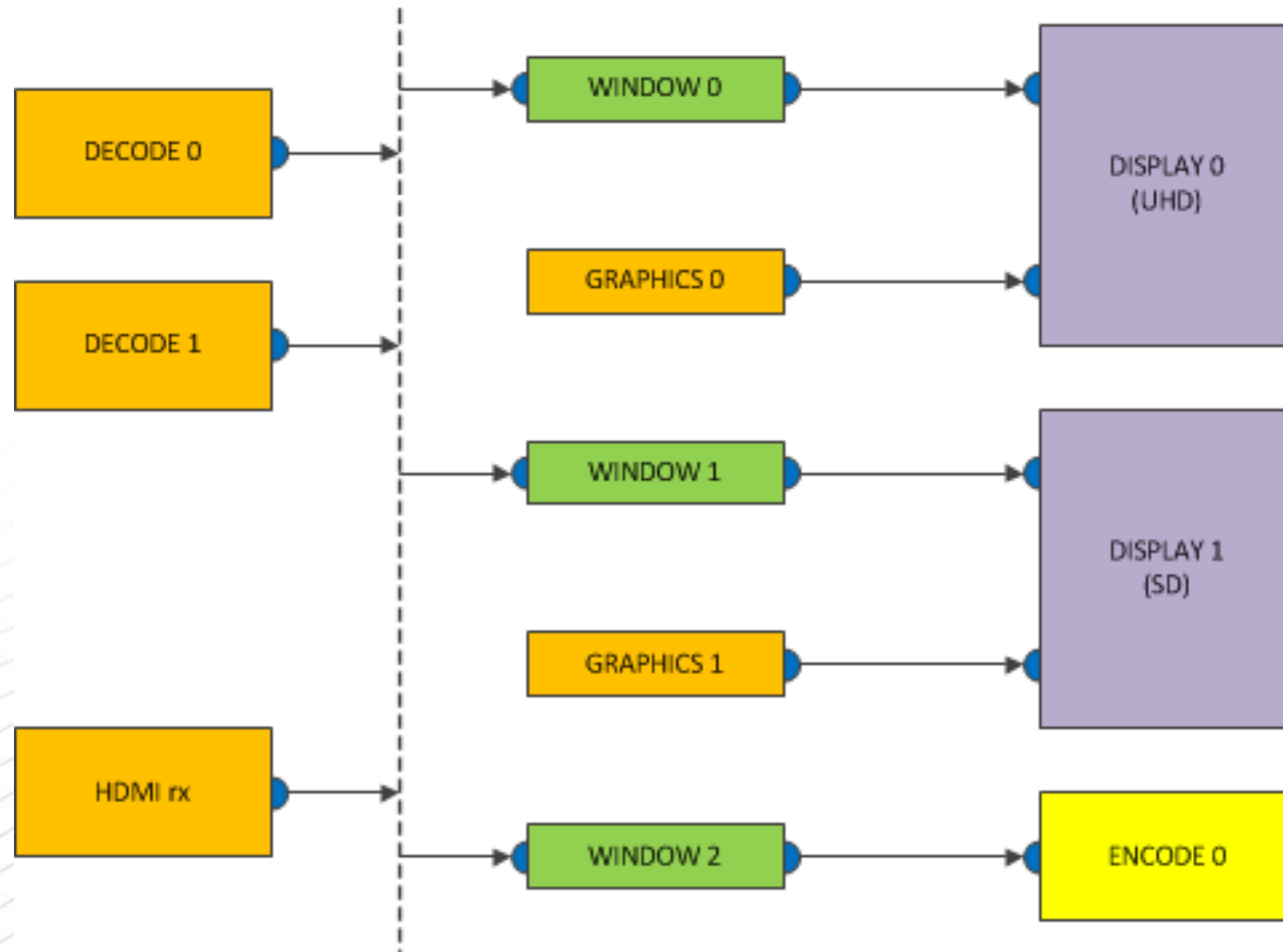
# BOX MODE #29

7439 Bx



- **Required memory speed: 1x 32-bit DDR3-2133 or 1x 32-bit DDR4-2400**
  - High-temp refresh supported
- **Features:**
  - Two decoders: 1080p60 10-bit HEVC / 1080p30/60i 8-bit VP9 / AVC / MPEG2
  - UHD + SD display
  - MAIN supported (no PIP)
  - HDMI input supported
  - 720p60 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**
  - 1080p60 10-bit HEVC
  - 1080p30/60i 8-bit VP9 / AVC / MPEG
  - MTG enabled
- **Decode 1**
  - 1080p60 10-bit HEVC
  - 1080p30/60i 8-bit VP9 / AVC / MPEG
  - MTG enabled
- **HDMI rx**
  - 1080p60
- **Graphics 0 (HD)**
  - 1080p60 32-bit ARGB
- **Graphics 1 (SD)**
  - 480p60 32-bit ARGB
  - 576p50 32-bit ARGB



# HARDWARE RESOURCE MAPPING



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

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

- Up to full-screen display (smooth scaling)

- **Window 2 (Encode 0)**

- Full-screen only
- 1080i60 8-bit de-interlacing

- **Display 0 (UHD)**

- 3840x2160p60

- **Display 1 (SD)**

- 480i60
- 576i50

- **Encode 0**

- 720p60 8-bit