

# Box mode #3

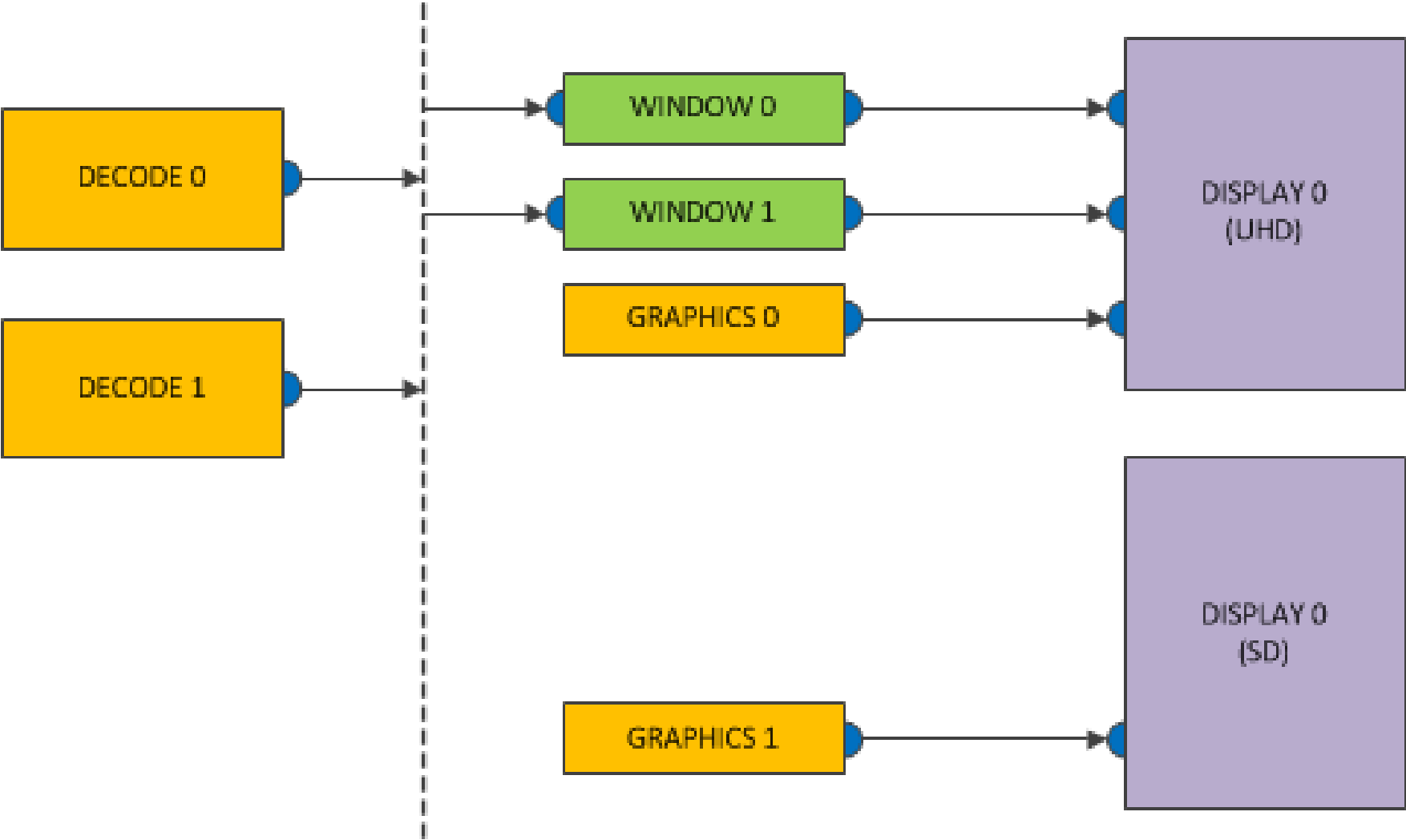
7260



## Box mode #3 – summary

- Required memory speed: 1x 32-bit DDR3-1866 or 32-bit DDR4-2133
  - 1x 32-bit DDR4-2400 recommended (for additional headroom)
  - No high-temperature refresh
- Features:
  - Dual 1920x1080p60/60i decode
  - UHD display (through up-scaling)
  - Independent SD display supported (graphics only – no video)
  - Main + PIP
  - No multi-PIP
  - No HDMI input
  - No transcoding

# Possible video routings



# Source limitations

- Decode 0
  - 1920x1080p60/60i 10-bit HEVC / VP9
  - 1920x1080p60/60i 8-bit AVC
  - 1920x1080p30/60i 8-bit MPEG2
  - MTG support
- Decode 1
  - 1920x1080p60/60i 10-bit HEVC / VP9
  - 1920x1080p60/60i 8-bit AVC
  - 1920x1080p30/60i 8-bit MPEG2
  - MTG support
- Graphics 0 (UHD)
  - 1080p60 32-bit ARGB
- Graphics 1 (SD)
  - 480p60 32-bit ARGB

# HARDWARE RESOURCE MAPPING

Decoder	MFD	Hardware
Decode 0	MFD0	HVD0
Decode 1	MFD1	HVD0

# Window limitations

- Window 0 (MAIN / UHD)
  - Up to full-screen display (smooth scaling)
  - 1080i60 de-interlacing
- Window 1 (PIP / UHD)
  - Up to full-screen display (smooth scaling)
  - No de-interlacing.

# Display and encode limitations

- Display 0 (UHD)
  - 1920x1080p60
  - 3840x2160p60 (through up-scaling)
- Display 1 (SD)
  - 480i60