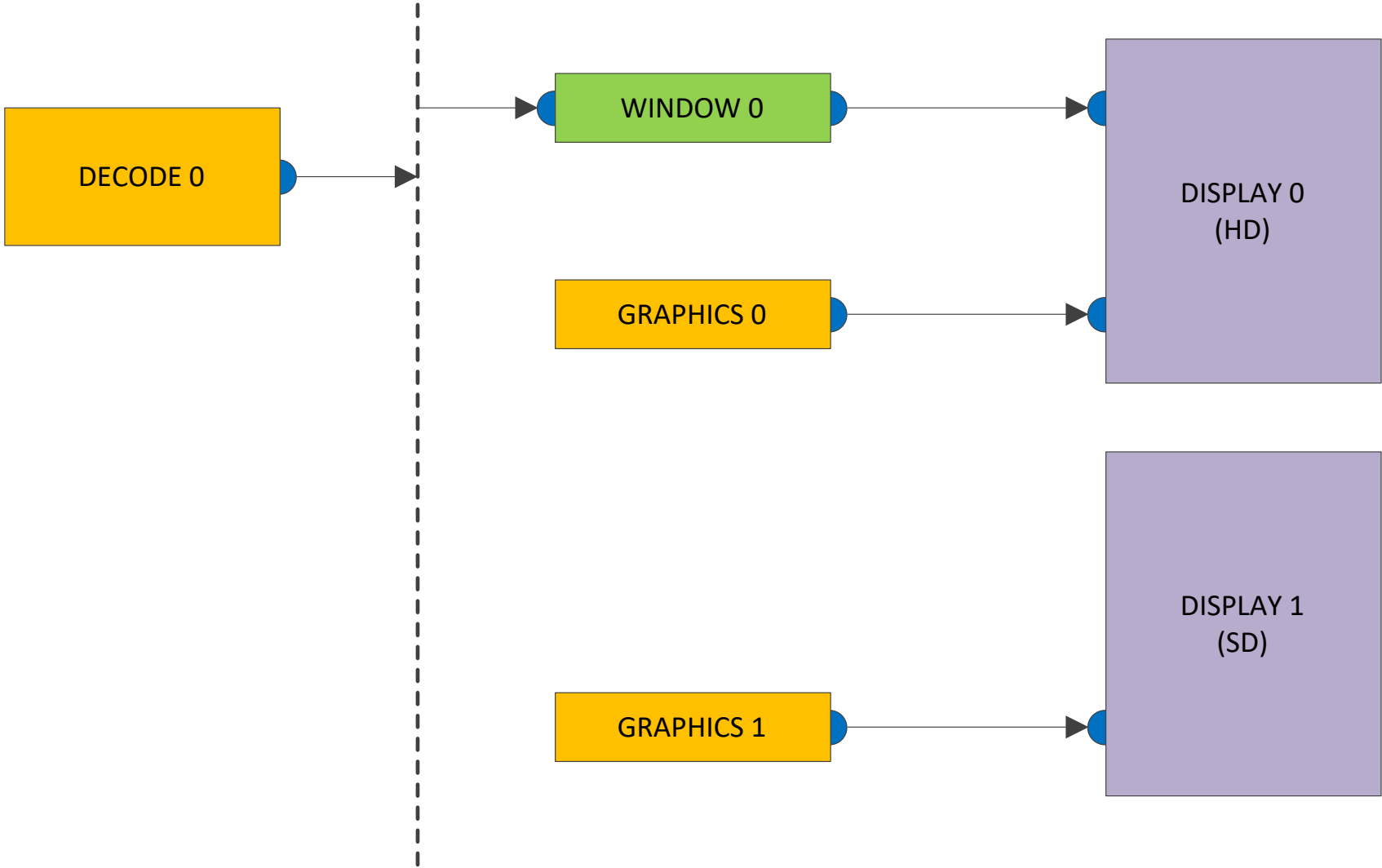# Box mode #2

7255

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Box mode #2 – summary

- Required memory speed: 1x 16-bit DDR3-1866 or DDR4-2133
  - High-temperature refresh supported

- Features:
  - Single 1920x1080p60/60i decode
  - HD display
    - Additional independent SD display supported (graphics only – no video)
  - Main only (no PIP)
  - No multi-PIP
  - No HDMI input
  - No transcoding

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Possible video routings

Source limitations

- Decode 0
  - 1920x1080p60/60i 10-bit HEVC / VP9
  - 1920x1080p60/60i 8-bit AVC / AVS / AVS+
  - 1920x1080p30/60i 8-bit MPEG2
  - MTG supported

- Graphics 0 (UHD)
  - 1080p60 32-bit ARGB

- Graphics 1 (SD)
  - 480p60 or 576p50 32-bit ARGB

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HARDWARE RESOURCE MAPPING

Decoder	MFD	Hardware
Decode 0	MFD0	HVD0

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Window limitations

- Window 0 (MAIN / UHD)
  - Up to full-screen display (smooth scaling)
  - 1080i60 de-interlacing

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Display and encode limitations

- ## Display 0 (UHD)
  - 1920x1080p60

- ## Display 1 (SD)
  - 480i60

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