

Box mode #3

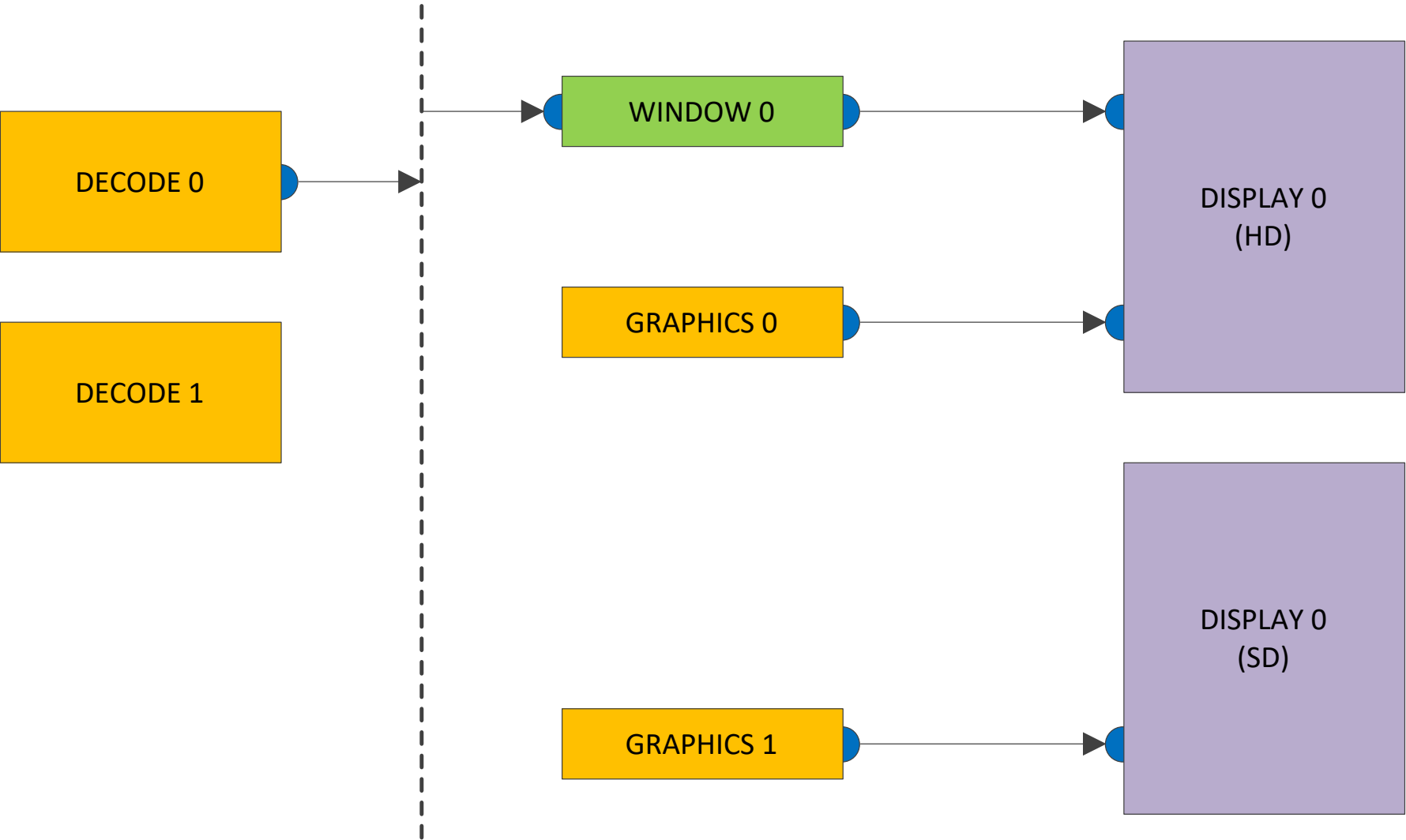
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Box mode #3 – summary

- Required memory speed: 1x 32-bit DDR3-1866 or 32-bit DDR4-1866
 - No high-temperature refresh
- Features:
 - Dual 1920x1080p60/60i decoders
 - One cannot be fed into the video network
 - HD display
 - Additional independent SD display supported (graphics only – no video)
 - Main only
 - PIP is supported through the graphics path.
 - 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 / AVS / AVS+
 - 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
 - Cannot be fed into the video network
- 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	(graphics only)	HVD0

Window limitations

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

Display and encode limitations

- Display 0 (UHD)
 - 1920x1080p60
- Display 1 (SD)
 - 480i60