

Box mode #3

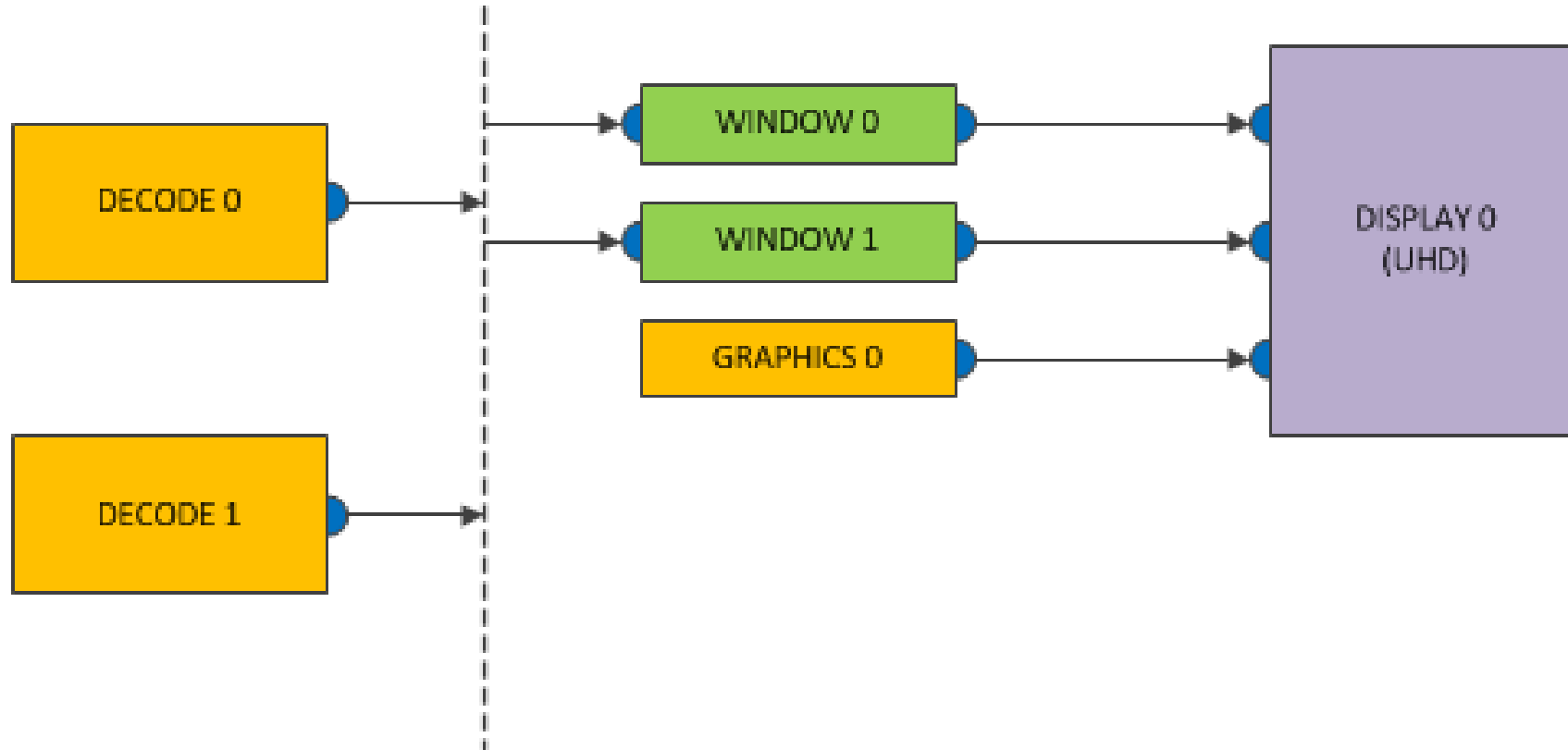
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Box mode #3 – summary

- Required memory speed: 1x 32-bit LPDDR4-2133
 - No high-temperature refresh
- Features:
 - Dual 1920x1080p60 decode
 - No MTG support
 - UHD display (no SD)
 - Main and PIP supported
 - No multi-PIP
 - No HDMI input
 - No transcoding

Possible video routings



Source limitations

- For each source, you may toggle between any of the provided options.
 - Only one option enabled at a given time.
- Decode 0
 - 1920x1080p60 10-bit HEVC
 - 1920x1080p60 10-bit VP9
 - 1920x1080p60 8-bit AVC / MPEG2
 - No MTG support
- Graphics 0 (UHD)
 - 1080p60 32-bit ARGB

HARDWARE RESOURCE MAPPING

Decoder	MFD	Hardware
Decode 0	MFD0	HVD0
Decode 1	MFD1	HVD0

Window limitations

- Window 0 (MAIN / UHD)
 - Limited display capabilities:
 - No smooth scaling
 - Must be either full-screen or less than 50%x50% of the screen
 - 1080i60 de-interlacing
- Window 1 (PIP / UHD)
 - Limited display capabilities:
 - No smooth scaling
 - Must be either full-screen or less than 50%x50% of the screen
 - 1080i60 de-interlacing

Display and encode limitations

- Display 0 (UHD)
 - 3840x2160p60