

# Box mode #3

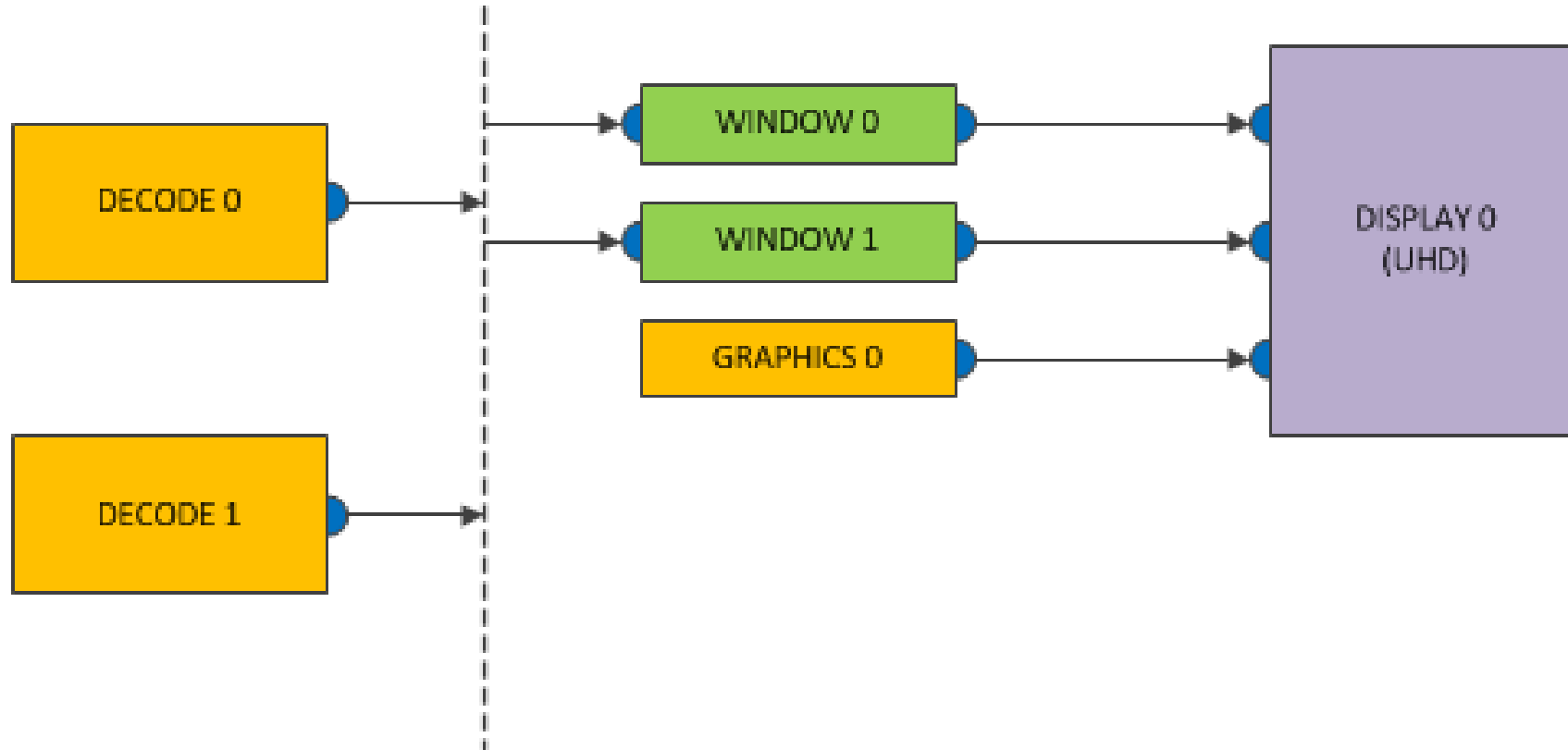
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## Box mode #3 – summary

- 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)
  - Up to full-screen display (no smooth scaling)
  - 1080i60 de-interlacing
- Window 1 (PIP / UHD)
  - Up to full-screen display (no smooth scaling)
  - 1080i60 de-interlacing

# Display and encode limitations

- Display 0 (UHD)
  - 3840x2160p60