

# **BOX MODE #19**

7445 D0

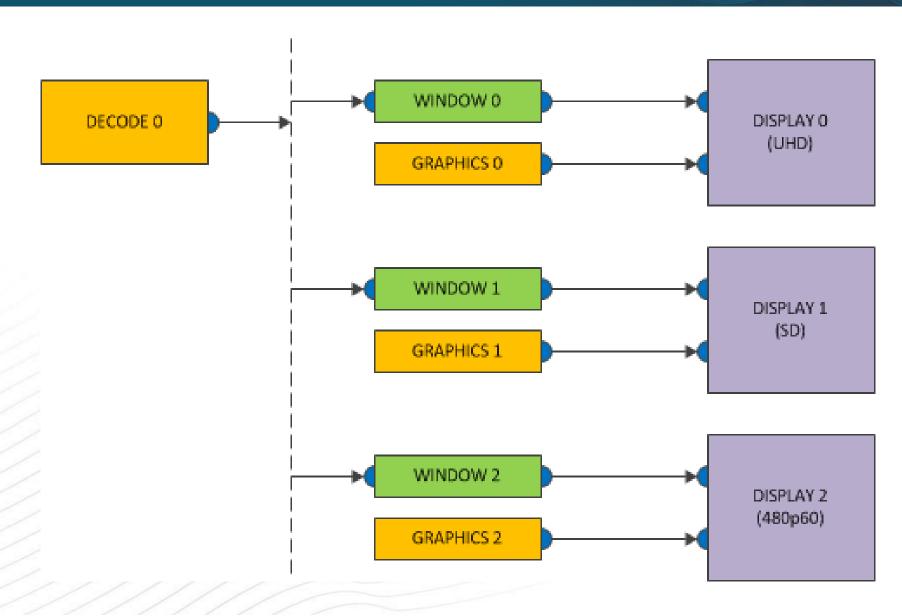
### **BOX MODE 19 - SUMMARY**



- Memory speed: 2x 32-bit DDR3-2133
  - No high temperature refresh supported.
- Features:
  - Single 4K decode
  - UHD + SD + 480p60 output
  - MAIN only (no PIP)
  - No HDMI input
  - No transcoding

## **POSSIBLE VIDEO ROUTINGS**





### **SOURCE LIMITATIONS**



#### Decode 0

- 3840x2160p60 10-bit HEVC
- 3840x2160p60 8-bit VP9
- 1920x1080p60 8-bit AVC / MPEG2
- MTG enabled

- Graphics 0 / Display 0
  - 1080p60 32-bit ARGB
- Graphics 1 / Display 1
  - 480p60 32-bit ARGB
- Graphics 2 / Display 2
  - 480p60 32-bit ARGB

## **DECODER MAPPING**



Decoder	MFD	Hardware
Decode 0	MFD0	HVD0

#### **WINDOW LIMITATIONS**



#### Window 0 / Display 0 (UHD)

- Up to full-screen display (smooth scaling)
- 1080i60 de-interlacing

#### Window 1 / Display 1 (SD)

- Up to full-screen display (smooth scaling)
- No de-interlacing.

#### Window 2 / Display 2 (480p)

- Up to full-screen display (smooth scaling)
- 480i60 de-interlacing

## **DISPLAY AND ENCODE LIMITATIONS**



- Display 0 (UHD)
  - **3840x2160p60**
- Display 1 (SD)
  - **480i60**
- Display 2 (480p60)
  - **480p60**