

October 29, 2013

## Main Specifications of HEVC/H.265 Video Codec Hardware IP

Item	Specifications
<b>Hardware IP name</b>	HEVC/H.265 video codec
<b>Supported standard</b>	HEVC Main profile, Level 5, High Tier
<b>Operation modes</b>	Encoding or decoding
<b>Color format</b>	4:2:0
<b>Bit depth</b>	8-bit
<b>Max. resolution</b>	4096 × 2160 (4K2K)
<b>Performance</b>	4K2K/30 fps @ 260 MHz 1920 × 1080/60 fps × 2 channels @ 260 MHz
<b>Max. bit rate</b>	120 Mbps
<b>Processing latency</b>	Min. 3 msec.
<b>Interface</b>	AMBA® 32-bit APB (for connection with a host processor) AMBA 128-bit AXI (for connection with external memory)

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