

HDMI Format Compatibility over HDBaseT



Video Format	Chroma	Color Bit Depth	HDR Compatible	HDMI Rate	HDBaseT 1.0/2.0 uncompressed	HDBaseT 1.0/2.0 with DSC	HDBaseT 3.0 uncompressed
SD 480/60i	4:2:2/4:4:4	8	No	0.81 Gbps	✓	✓	✓
SD 576/50i	4:2:2/4:4:4	8	No	0.81 Gbps	✓	✓	✓
HD 720/50-60p	4:2:2/4:4:4	8	No	2.23 Gbps	✓	✓	✓
HD 1080/50-60i	4:2:2/4:4:4	8	No	2.23 Gbps	✓	✓	✓
1080/24-30p	4:2:2	8, 10 or 12	10-/12-bit only	2.23 Gbps	✓	✓	✓
	4:4:4/RGB	8, 10 or 12	10-/12-bit only	≤ 3.34 Gbps	✓	✓	✓
1080/50-60p	4:2:2	8, 10 or 12	10-/12-bit only	4.455 Gbps	✓	✓	✓
	4:4:4/RGB	8, 10 or 12	10-/12-bit only	≤ 6.68 Gbps	✓	✓	✓
1080/100-120p High frame rate (HFR)	4:2:2	8, 10 or 12	10-/12-bit only	8.91 Gbps	✓	✓	✓
	4:4:4/RGB	8	No	8.91 Gbps	✓	✓	✓
	4:4:4/RGB	10	Yes	11.14 Gbps	-	☑*	✓
	4:4:4/RGB	12	Yes	13.37 Gbps	-	☑*	✓
4K/24-30p	4:2:2	8, 10 or 12	10-/12-bit only	8.91 Gbps	✓	☑*	✓
	4:4:4/RGB	8	No	8.91 Gbps	✓	☑	✓
	RGB	-	Dolby Vision Standard Mode	8.91 Gbps	✓	-	✓
	4:4:4/RGB	10	Yes	11.14 Gbps	-	☑*	✓
	4:4:4/RGB	12	Yes	13.37 Gbps	-	☑*	✓
4K/48-60p	4:2:0	8	No	8.91 Gbps	✓	☑	✓
	4:2:0	10	Yes	11.14 Gbps	-	☑*	✓
	4:2:0	12	Yes	13.37 Gbps	-	☑*	✓
	4:2:2	8, 10 or 12	10-/12-bit only	17.82 Gbps	-	☑*	✓
	4:4:4/RGB	8	No	17.82 Gbps	-	☑	✓
	4:4:4/RGB	-	Dolby Vision Standard Mode	17.82 Gbps	-	-	✓
4K/100-120p HFR	4:2:0	8	No	17.82 Gbps	-	☑	✓
8K/24-30p	4:2:0	8	No	17.82 Gbps	-	☑	✓

✓ Native uncompressed support
 ☑ Support with VESA Display Stream Compression (DSC 1.2a)
 ☑* Possible support with appropriate signal management — check with the manufacturer

Indicates fundamental technology capability; actual support may vary by product or implementation — check with the manufacturer for details.