DVI Connector Information

DVI-I (Single Link)

DVI-I (Dual Link)

DVI-D (Single Link)

DVI-D (Dual Link)

DVI-A
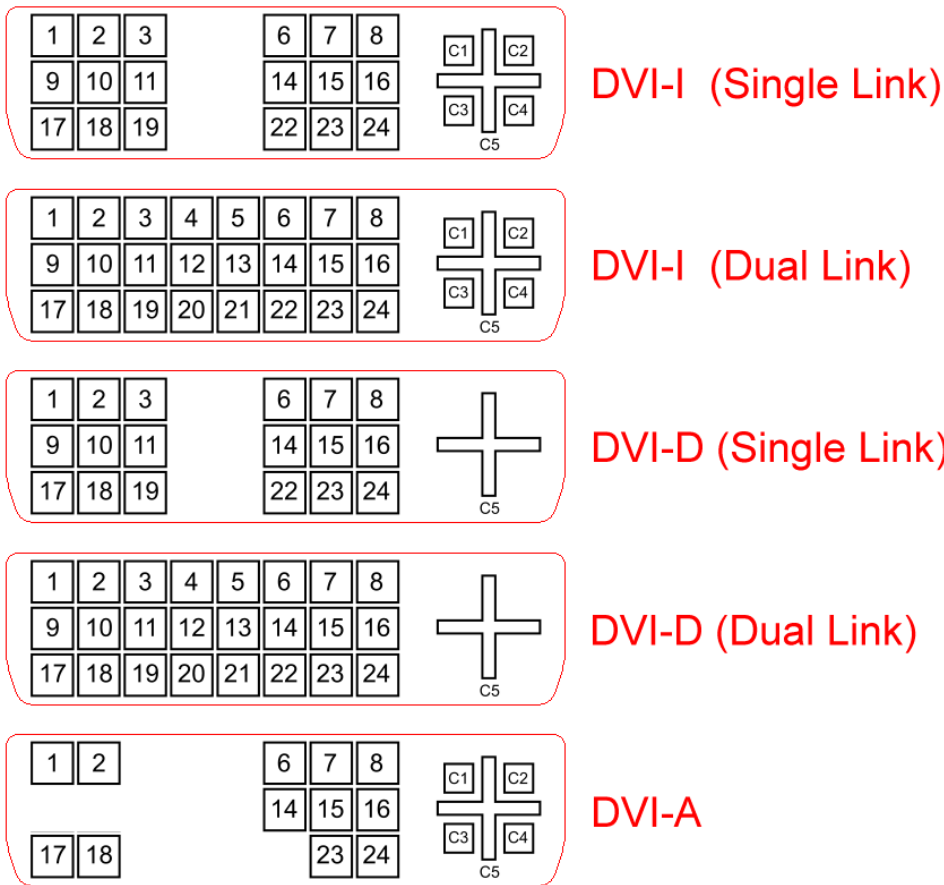
DVI sockets viewed from the front

1	TMDS data 2−	Digital red− (link 1)		16	Hot plug detect	
2	TMDS data 2+	Digital red+ (link 1)		17	TMDS data 0−	Digital blue− (link 1) & digital sync
3	TMDS data 2/4 shield			18	TMDS data 0+	Digital blue+ (link 1) & digital sync
4	TMDS data 4−	Digital green− (link 2)		19	TMDS data 0/5 shield	
5	TMDS data 4+	Digital green+ (link 2)		20	TMDS data 5−	Digital red− (link 2)
6	DDC clock			21	TMDS data 5+	Digital red+ (link 2)
7	DDC data			22	TMDS clock shield	
8	Analogue vertical sync			23	TMDS clock+	Digital clock+ (links 1 & 2)
9	TMDS data 1−	Digital green− (link 1)		24	TMDS clock−	Digital clock− (links 1 & 2)
10	TMDS data 1+	Digital green+ (link 1)		25	Analogue red	
11	TMDS data 1/3 shield			26	Analogue green	
12	TMDS data 3−	Digital blue− (link 2)		27	Analogue blue	
13	TMDS data 3+	Digital blue+ (link 2)		28	Analogue horizontal sync	
14	+5 V	Standby power for monitor		29	Analogue ground	Return for R, G, B signals
15	Ground	Return pin 14 & analogue sync				

VIDEO SIGNAL	Single Link:	1920 × 1200 (WUXGA) @ 60 Hz
	Dual Link:	2560 × 1600 (WQXGA) @ 60 Hz
	Analogue:	1920 × 1200 (WUXGA) @ 60 Hz
DATA RATE	Single link	3.96 Gbit/s
	Dual link	7.92 Gbit/S