



What are the major digital interfaces?

Currently there are four major digital video interfaces controlled by different standards groups, each with their own strengths and weaknesses. This chart compares these interfaces.

HDMI (High Definition Multimedia Interface)



DP (DisplayPort)



DVI (Digital Video Interface)



SVGA (Super Video Graphics Array)



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|------------------------------|---|--|-----------------------------------|--|
| Standards Group | HDMI Licensing, LLC. (Consortium of consumer electronics manufacturers) | VESA (Video Electronics Standards Association) | DDWG (Digital Display Work Group) | VESA (Video Electronics Standards Association) |
| Maximum Channels | 8 | 8 | 6 (Dual Link) | N/A |
| Maximum Resolution | HDTV 720P and 1080P | 1080p | QXGA (2048 x 1536) | 800 x 600 |
| Analog / Digital Combination | No | No | DVI-I (24 + 4 Pin) Yes | No |
| Digital / Audio | Yes | Yes | No | No |