

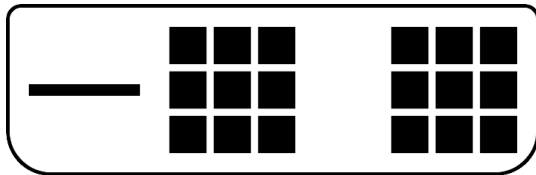
# technical explanation

## Which sorts of DVI connectors do exist?

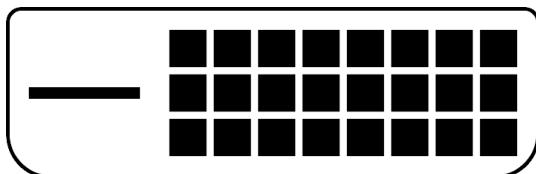
The **D**igital **V**isual **I**nterface, shorten DVI, is an interface for the transmission of analog and digital video signals.

Most computers and notebooks or their graphics units have one or more DVI connectors. There are different standards which differ in appearance and function.

### DVI-D



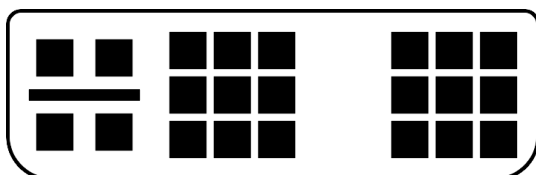
The DVI-D single link connector transmits a pure digital video signal with resolutions of up to 1920 x 1200 pixels at 60Hz.



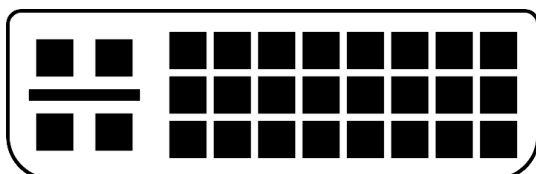
The DVI-D Dual Link connector transmits a pure digital video signal with a resolutions of up to 2560 x 1600 pixels at maximal 144Hz.

Both connectors allow you to convert the signal to HDMI using an adapter or cable.

### DVI-I



The DVI-I single link connector transmits an analogue and digital video signal with resolutions of up to 1920 x 1200 pixels at 60Hz.

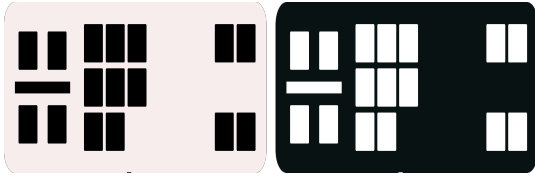


The DVI-I Dual Link connector transmits an analogue and digital video signal with resolutions of up to 2560 x 1600 pixels at 60Hz.

# technical explanation

Because both connectors output a combined signal, adapters can be connected to convert the signal to the analogue VGA and digital HDMI.

## DVI-A



The DVI-A connector transmits a purely analogue image signal. Therefore, a VGA monitor can be connected with a adapter. The transfer to an HDMI device is not working in this case.

Unique solution ID: #2785

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