# DVI

# Digital Visual Interface

DVI

The DVI specification defines a digital interface for use between a computing device and a display device. It offers the benefits of digital video while maintaining compatibility with analogue monitors.

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The DVI interface supports three different types of connections.
One is designed for digital only connection, where both the card and display can use the digital link.
Another is designed for legacy use. (Analogue on both the card and display.)
The third configuration supports both digital and analogue on a single connection.

The digital connection uses 24 pins, plus support for the VESA-DDC (VESA **D**isplay **D**ata **C**hannel) and EDID (**E**xtended **D**isplay **I**dentification **D**ata) services.
The analogue connection uses six of these pins as well as five others around a plus shaped key. A DVI-I integrated socket has a plus shaped hole to accommodate the analogue connection. A DVI-V digital only socket does not. And the pins and sockets have gone high-tech, instead of the standard cylindrical pins found on familiar connectors, the DVI pins are flattened and twisted to create a Low Force Helix (LFH) contact.

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- Supports display resolutions of UXGA (1600 x 1200), HDTV (1920 x 1080), and QXGA (2048 x 1536).
- DVI – I (analog/digital), provides support for VGA with an adaptor
- DVI – V (digital), is incompatible with VGA without a D/A converter.

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| **4127729** | DVI Male Adaptor - VGA Female |
| **4127730** | DVI Male Adaptor - DFP (Digital Flat Panel) Female |
| **4127742** | DVI 25 Male / LCD (Liquid Crystal Display) 20 Male - 2 Mtrs |
| **4316095** | DVI 29 Male / HD15 VGA Male - 2 Mtrs |
| **4127766** | DVI 25 Male / Male - 2 Mtrs |

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