

A video card (also called a video adapter) is an expansion card which generates a feed of output images to a display.

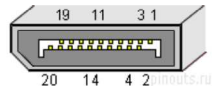
● DFP-compliant MDR-20



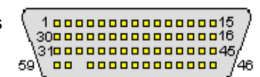
● Digital Flat Panel (DFP) Used on digital flat panel monitors. Standard by DFP Group. Protocol: PanelLink



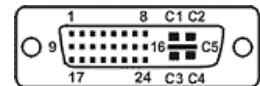
● DisplayPort DisplayPort is a digital display interface.



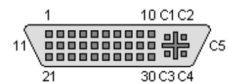
● DMS-59 DMS-59 is a 59-pin electrical connector generally used for computer video cards. It provides two DVI/VGA outputs on a single connector.



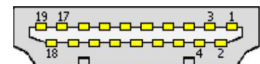
● DVI (Digital Visual Interface) The Digital Visual Interface (DVI) is a video interface standard designed to maximize the visual quality of digital display devices such as flat panel LCD computer displays and digital projectors.



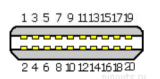
● Enhanced video connector (EVC) Defined by Video Electronic Standards Association (VESA)



● HDMI (High-Definition Multimedia Interface) interface connector The High-Definition Multi-media is an industry-supported digital audio/video interface. HDMI provides an interface between any compatible digital audio/video source and a compatible digital audio and/or video monitor.



● Mini DisplayPort The Mini DisplayPort (MiniDP or mDP) is a miniaturized version of the DisplayPort audio-visual digital interface. Mini DisplayPort is capable of driving display devices with resolutions up to 2560x1600. Mostly used in new Apple computers: MacBook, MacBook Pro, MacBook Air, iMac, Mac mini, Mac Pro, and Xserve, but also fits to some PC notebooks.



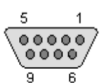
● Mini-DVI connector is used on Apple computers as a digital alternative to the Mini-VGA connector.



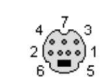
● Mini-VGA connector The Mini-VGA connector is used on laptops and other systems in place of the standard VGA connector. Apart from its compact form, mini-VGA ports have the added ability to output both composite and S-Video in addition to VGA signals through the use of EDID.



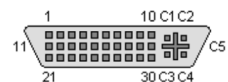
● Monochrome TTL video



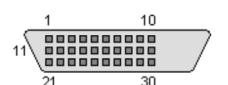
● NVIDIA GeForce 8600 GT 7-Pin TV-Out Connector (s-video) The NVIDIA GeForce 8600 GT GPU-based graphics card installed in your computer contains a 7-pin HDTV-Out connector as shown below. The connector has all the S-Video signals but no video capture signals and has support for component-out and composite-out via a dongle. The table below lists the connector pinout.



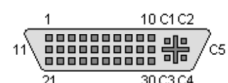
● Plug and Display Analog/Digital (P&D-A/D, M1-DA) Defined by Video Electronic Standards Association (VESA) in the Plug and Display (P&D) standard. Also known as M1-DA (used in some Infocus and ASK multimedia projectors).



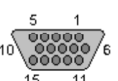
● Plug and Display Digital (P&D-D) Defined by Video Electronic Standards Association (VESA) in the Plug and Display (P&D) standard



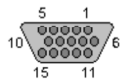
● VESA-compliant P&D - EVC



● VGA Nearly all modern PC graphics cards use the same 15 pin VGA connector that the original IBM VGA card used. VGA=Video Graphics adapter or Video Graphics Array.

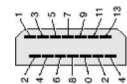
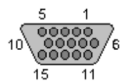
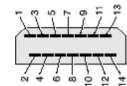
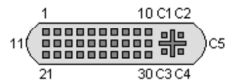


- VGA (VESA DDC)** VGA=Video Graphics adapter or Video Graphics Array. VESA=Video Electronics Standards Association. DDC=Display Data Channel.



Apple pinouts

- Apple 14 pin video** All Apple-manufactured Macintosh monitors except the 21-inch Color Display and Two-Page Monochrome monitor are supported.
- Apple AudioVision** The Power Macintosh computers provide connection to AudioVision monitors (and other monitors when used with an adapter cable) by means of an AudioVision HDI-45 monitor socket on their back panels.
- Apple Digital Audio/Video (DAV)**
- Apple Digital video Application (DVA)** DVA is somewhat similar to the Digital Audio/Video connector. Available on Apple Macintosh LC 630 / Quadra 630
- Apple Display Connector (ADC, Apple Digital) video** The Apple Display Connector (ADC) is a proprietary modification of the DVI connector that combines analog and digital video signals, USB, and power all in one cable. Apple used ADC for their flat panel LCDs and their final CRT display, before deciding to use Digital Video Input (DVI).
- Apple iMac video**
- Apple Macintosh portable external video**
- Apple S-Video Input** The Power Macintosh AV card also contains two identical connectors for S-video input and output, with adapter cables for composite video devices that have RCA connectors (like television equipment). Available on Apple Power Macintosh 6100AV/7100AV/8100AV
- Apple S-Video Output** The Power Macintosh AV card also contains two identical connectors for S-video input and output, with adapter cables for composite video devices that have RCA connectors (like television equipment). Available on Apple Power Macintosh 6100AV/7100AV/8100AV
- Apple video/composite out** The iMac G5 detects the type of display adapter that is plugged in and programs the graphics IC to route the appropriate video signals to the connector. The signal assignments on the video connector when the composite adapter is attached are shown



ATI pinouts

- ATI Radeon 10 pin VID OUT connector** Used in some ATI All-In-Wonder for video output
- ATI Radeon 7 pin SVID/OUT connector** connector widely used on ATI and other graphics cards. Carrys s-video and composite signals.
- ATI Radeon 8 pin audio / video VID IN connector** 8 pin connector carries both input and output signals, used on some ATI AllInWonder videocards
- ATI Radeon 9 pin VIVO connector** 9 pin video-in and video-out connector

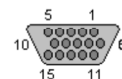


Dell pinouts

- DELL Inspiron 1720** TV/Digital Output pinout
- Dell Inspiron/Latitude TV/Digital Audio Output** Connector used on a number of models of Dell laptops containing composite video, S-video, and S/PDIF connections.

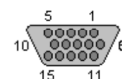


[Dell Latitude VGA video connector](#)



Grandtec pinouts

[Grandtec Ultimate Grand 2000 VGA](#) Single HD15 connector providing connections to both the PC and a VGA monitor



Leadtek pinouts

[Leadtek TV-OUT \(6 pin\)](#) Pinout of the PS/2 connector used on some Leadtek and VisionTek GeForce2 Ti cards as tvout connectors. Just hook up an rca to the composite pins and you have yourself a cable.



[Leadtek Winfast TV2000](#)



Matrox pinouts

[Matrox G450 eTV S-video/composite](#)



Nvidia pinouts

[nVidia GeForce 9500GT 7-Pin DIN \(TV-Out\) Connector](#) This connector allows to connect a TV using Composite, Component, or S-Video via the 7-Pin DIN connector.



Nvidia pinouts

[nVidia GeForce 7900 GT HDTV/component connector](#) 7 pin video out to three female RCA plugs (red, green, blue). These outputs are for YpbPr (YCbCr), or component, inputs to a TV. Connector can also be used with a standard s-video connector - the 7 pin mini-DIN has the same plastic key feature as the standard 4 pin mini-DIN s-video connector.



[Nvidia Geforce 9 pin Mini-DIN TV-out](#) for 6600GT and others

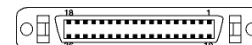


[Nvidia GeForce S-Video 9 pin to YPbPr \(YCbCr\), RGB or S-video](#) 9 pin video-out to YPbPr (YCbCr) connector TV

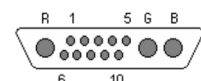


SGI pinouts

[SGI Open LDI](#) Used on SGI digital flat panel monitors.



[SGI video](#)



Sigma pinouts

[Sigma DIN VGA In](#) for Sigma EM8300 video card and may be some others



Sun pinouts

[Sun Video](#)

