

NP1-DVI

SDVO to DVI Daughterboard

NP1-DVI is a daughterboard that can be installed onto the SDVO connector of the NP101-DI6C motherboard. It comes equipped with a DVI-D interface for connecting an external DVI-D port. This allows connecting an external digital display device.

Specifications

Chipset

- Chrontel CH7307C DVI transmitter chip

Display Features

- One DVI port supports single independent display
- Able to drive a DFP display at a pixel rate of up to 165MHz standard
- Accepts one channel of RGB data over three pairs of serial data ports
- Supports DDC1 and DDC2B+ for Plug and Play monitors; and AppleSense monitor detection

Flat Panel LCD or Digital CRT Display

- Supports DVI and DFP interfaces
- Able to drive a DFP display at a pixel rate of up to 165MHz supporting UXGA (1600x1200) display resolution

Video Output Interface

- One 24-pin DVI-D port

SDVO Interface

- Supports SDVO port

DVI Transmitter Features

- Digital Visual Interface (DVI) transmitter up to 165M pixels/second
- DVI low jitter PLL
- DVI hot plug detection
- High speed SDVO (1G-2Gbps) AC-coupled serial differential RGB inputs
- Programmable power management
- Fully programmable through serial port
- Configuration through Intel Opcodes
- Complete Windows and DOS driver support
- Boundary scan support

Temperature

- 0°C to 60°C

Humidity

- 10% to 90%

Dimensions

- 4.5cm x 3.8cm (1.77" x 1.49")

Board Layout

