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**ASUS<sup>®</sup> DVI-ADD2**  
PCI Express Digital Display Card

**Installation Guide**

First Edition  
October 2004

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# Welcome!

Thank you for choosing the ASUS DVI-ADD2! The card is especially designed for Intel® Pentium™4 systems with Intel® 915G chipset and PCI Express x16 slot to support digital visual interface (DVI) output for LCD monitors, flat panel displays, and projectors with DVI capability. The DVI-ADD2 supports dual screen with an onboard VGA (video graphics adapter), if available.

## 1. Package contents

Check the following items in your DVI-ADD2 package.

- ✓ ASUS DVI-ADD2 card
- ✓ Installation guide

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**NOTE.** Contact your retailer if any item is damaged or missing.

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## 2. Features

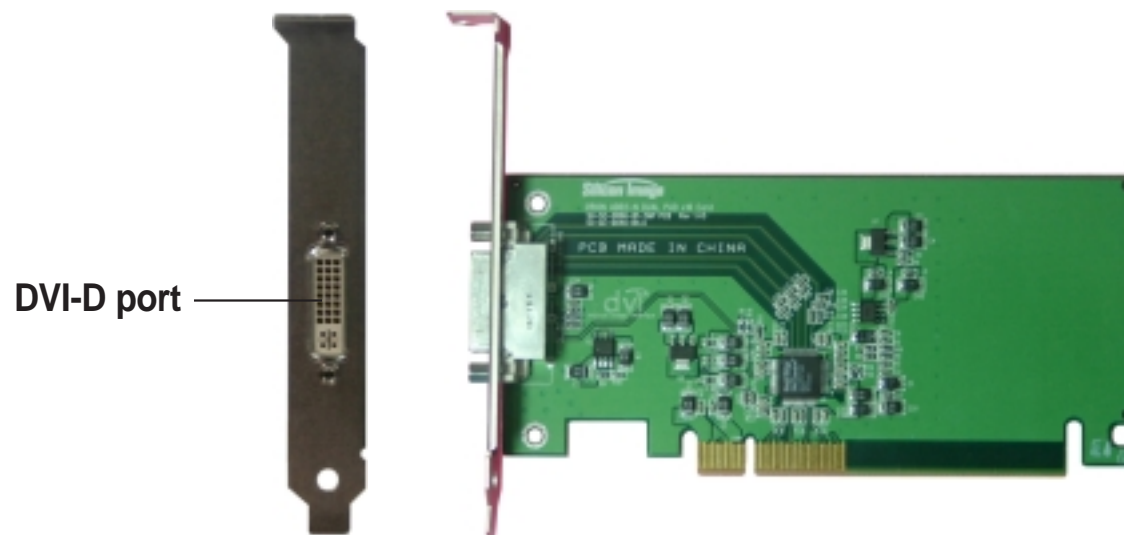
The DVI-ADD2 card features the Silicon Image Sil1362 TMDSTM PanelLink® display controller that complies with current DVI specifications. The card comes with a 24-pin DVI-D output port that you can connect to LCD monitors and projectors.

### The DVI-ADD2 card supports:

- Intel® proprietary SDVO technology that provides the display interface for DVI monitors
- LCD hot-plug detection
- Dual-screen with onboard VGA
- Up to 1600x1200 resolution at 75 Hz fresh rate
- Scaleable output bandwidth from 25 to 165 megapixels per second
- Various display modes and resolutions:

<b>VGA</b>	640x480	<b>SXGA+</b>	1400x1050
<b>SVGA</b>	800x600	<b>UXGA</b>	1600x1200
<b>XGA</b>	1024x768	<b>TMDSTM/CVBS TV-out</b>	1024x768

### 3. Card layout



**NOTE.** You can adjust the output standard and other graphics configuration using the motherboard BIOS menu. The BIOS options for these configurations may be found in the **Advanced Menu > Chipset** (for P5GD1-VM and P5GDC-V Deluxe motherboards). Refer to the motherboard user guide for more information.

## 4. Card installation

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**IMPORTANT!** Before installing the DVI-ADD2 card, make sure that your system meets the following requirements.

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### 4.1 System requirements

- Intel® Pentium™ 4 system with Intel® 915G chipset
  - Minimum 64MB system memory
  - PCI Express x16 slot
  - Windows® 98 SE/ME/2000/XP operating system
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**NOTE.** The drivers for the DVI-ADD2 card are included in the support CD that came with your Intel® 915G motherboard. Install the card drivers from the support CD after installing the card to the system.

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## 4.2 Installing the card

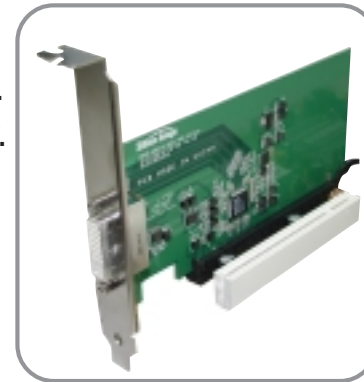
Follow these steps to install the DVI-ADD2 card.

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**CAUTION!** Before handling the card, touch a bare metal portion of your computer to discharge static electricity from your body. Wear a wrist strap grounded to the computer chassis when handling the card.

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1. Make sure that the computer is turned off. Unplug the system power cord from the electrical socket.
2. Remove the computer cover, then locate the PCI Express x16 slot. Refer to the motherboard user guide for the slot location.
3. Remove the rear panel bracket opposite the PCI Express x16 slot. Keep the bracket screw for later use.
4. Carefully insert the card to the slot until it fits completely.
5. Secure the card with the screw that you removed earlier.
6. Replace the computer cover, then plug the system power cord to an electrical socket.
7. Connect the display device to the DVI-D port using a DVI-D cable, then turn on the computer.



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