

Matrox RT.X2

Quick Installation Guide

March 11, 2008



Y10977-101-0350

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Your notes

About this guide

This guide provides brief installation instructions for installing your Matrox RT.X2 hardware and software. It is intended to help you quickly set up your Matrox RT.X2 system. For detailed installation instructions, please refer to your *Matrox RT.X2 Installation Manual*.



Note Throughout the Matrox RT.X2 documentation, the term “RT.X2” refers to RT.X2, RT.X2 LE, and RT.X2 SD, unless indicated otherwise.

Installing your Matrox RT.X2 card

Before installing your Matrox RT.X2 card, drain static electricity from your body by touching a bare metal surface on your computer chassis. If you have a grounding wrist strap, use it while handling and installing any components in your computer.

To determine the particular slot in which you should install your RT.X2 card for recommended systems and motherboards, see the Matrox Video Support site at www.matrox.com/video/support.



To install your RT.X2 card:

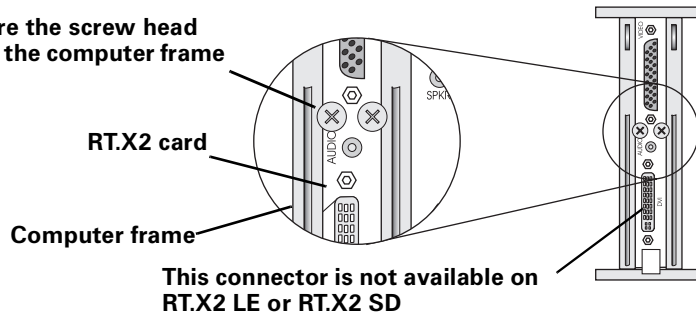
- 1 Turn off your computer, unplug it, and then remove its cover.
- 2 Remove the metal plate located at the back of the PCI Express slot you'll be using for your RT.X2 card. Save the screw for the mounting bracket.
- 3 Position your RT.X2 card over the chosen slot and push the card in firmly and evenly until it is fully seated in the slot.
- 4 Using the fasten screw you removed in step 2, secure your RT.X2 card to the computer frame.
- 5 Connect the male end of the internal power supply cable on your RT.X2 card to a free power outlet of your computer's internal power supply (not applicable to RT.X2 LE or RT.X2 SD).



- Important** Make sure that no other devices are sharing this power outlet.
- 6 Replace your computer's cover.

- Using the two small screws provided with your RT.X2 card, secure the RT.X2 bracket to the computer frame as shown below. This step is crucial in making your RT.X2 card FCC compliant.

Make sure the screw head overlaps the computer frame



Connecting your external devices

Before restarting your computer, you must connect your external devices such as your Matrox RT.X2 breakout box, DVI monitor, VTRs, and DV camcorder.

Connecting your RT.X2 breakout box

- Connect the RT.X2 video cable from the back of the RT.X2 breakout box to the VIDEO connector on your installed RT.X2 card. Tighten the thumb screws until snug to ensure a stable connection.

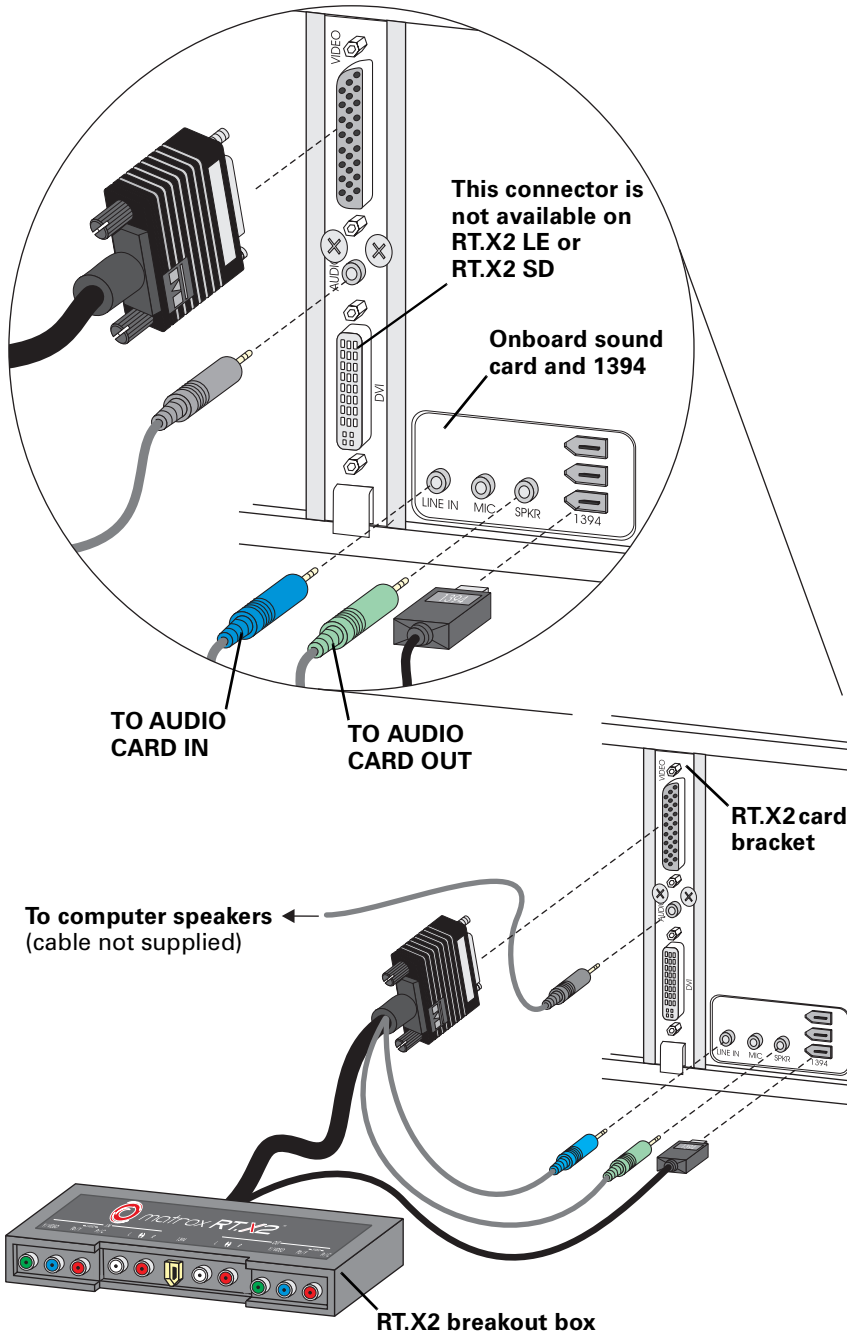


Caution Use extra care when attaching the video cable as bent pins can cause your Matrox RT.X2 system to not perform properly. Also, do not bend the cable too sharply. Excessive bending or flexing can damage internal, shielded wires.

- Plug the blue and green audio connectors (labeled TO AUDIO CARD IN and TO AUDIO CARD OUT) into the corresponding colored jacks on your sound card. If your computer speakers are connected to your sound card, unplug them from your sound card, then proceed to the next step.
- To connect your computer speakers, simply plug the connector into the RT.X2 socket labeled AUDIO.
- Connect the 1394 cable from the back of the RT.X2 breakout box to the 1394 port on your computer.

The following illustration shows the TO AUDIO CARD IN cable connected to the LINE IN of the sound card. However, you can also connect the cable to another input of your sound card, for example, AUX IN. Regardless of the input to which you've connected the TO AUDIO CARD IN cable, you must specify your analog audio input when defining your capture settings in order to capture analog audio. For information on defining your capture settings, see your *Matrox RT.X2 User Guide*.

Connecting your external devices



Connecting your DVI video monitor



Note RT.X2 LE and RT.X2 SD do not have a DVI connector for connecting a DVI video monitor.

In order to preview the video output from your Matrox RT.X2 system, the Matrox RT.X2 card has a DVI connector that's used to connect a DVI monitor that accepts digital input, such as a digital flat-panel LCD monitor.

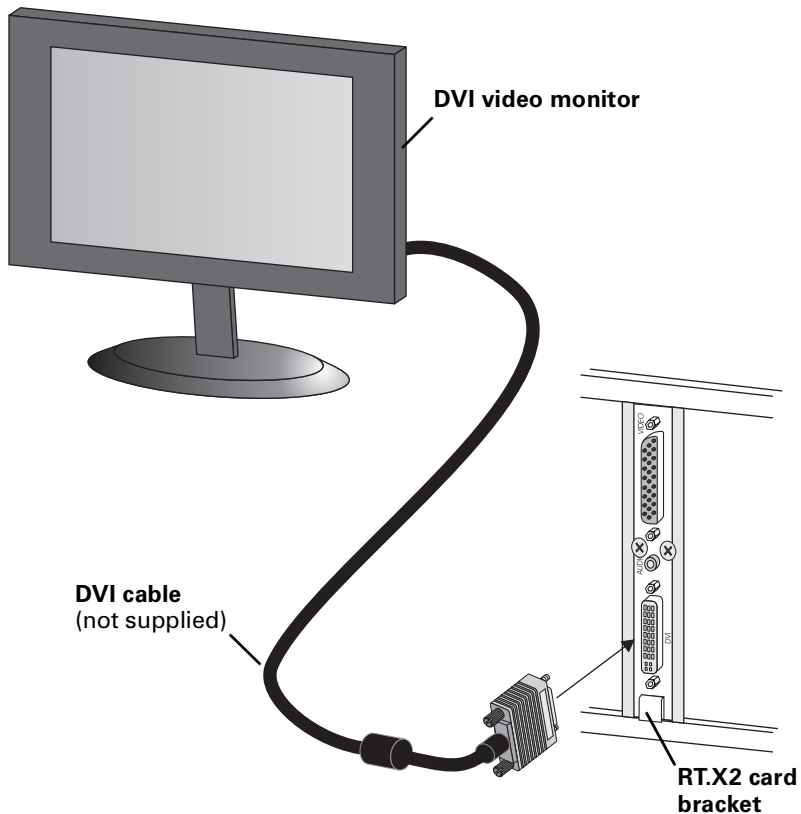


Important Only DVI monitors that accept digital input are supported. In order to preview full-resolution HDV video, your DVI monitor must support a display resolution of at least 1920×1200.




To connect a DVI video monitor:

- 1 Connect the DVI cable to your monitor following the manufacturer's instructions for your monitor. Some monitors may have the DVI cable permanently attached to the back of the monitor.
- 2 Connect the other end of the DVI cable to the DVI connector on your installed RT.X2 card.



Installing your Matrox RT.X2 software


Once you've installed your Matrox RT.X2 hardware and properly connected your devices, you can proceed with the software installation.

- 1 Turn on your computer.
- 2 Once Windows restarts, the "Found New Hardware Wizard" will appear for each of your RT.X2 hardware components. Press **ESC** or click **Cancel** to close the "Found New Hardware Wizard."
-  **Important** Make sure that you close the "Found New Hardware Wizard" each time it appears.
- 3 Install Adobe Premiere Pro as explained in your Adobe documentation. You must install Adobe Premiere Pro on an NTFS-formatted drive (usually your system drive).
- 4 Install any programs for which a Matrox WYSIWYG plug-in is supported, such as Adobe After Effects and Adobe Photoshop.
- 5 Insert your Matrox RT.X2 installation DVD in your DVD-ROM drive.
- 6 From the Matrox RT.X2 menu, choose **Install Matrox Mx.tools** and follow the onscreen instructions.

For details on installing Matrox Mx.tools and other Matrox RT.X2 software, see your *Matrox RT.X2 Installation Manual*.

Registration and customer support

You can register your Matrox RT.X2 system in the Matrox RT.X2 Support section of our website at www.matrox.com/video/support. To go directly to the registration page, choose **Start > All Programs > Matrox Mx.tools > Register Your Matrox RT.X Product**.

-  **Important** Only registered users are entitled to customer support, software updates, access to our user forums, and special promotional offers.

Contacting us

Matrox is proud to offer worldwide customer support. Please use the Matrox RT.X2 contact information for your area as provided on our website at www.matrox.com/video/support.



www.matrox.com/video