

# Installing Brand X RAMsinks

Congratulations on your purchase of Brand X RAMsinks! Founded in 1971, Brand X is the most widely used and trusted after-market computer parts manufacturer in the industry. Preparation of your RAMsinks should only take about 30 minutes, but you should allow several hours for them to dry before installing them.

**WARNING! Install RAMsinks at your own risk. Company X is not responsible for any damage to your computer or components.**

## Before you begin, gather these materials:

Sandpaper (400-600 grit) or steel wool, or Copper/brass Cleaner (such as TarnRemove) Clear Enamel	<b>Note: If your RAMsinks are tin-plated, you do not need Cleaner or Enamel.</b>
Thermal Adhesive Thermal Compound Tape (Masking or Electrical) Cotton Swabs (several) Alcohol (Isopropyl Rubbing)	
Components to install (Video RAM chips) You will need a clean, flat surface on which to work.	

**Note: If your RAMsinks are tin-plated, skip Steps 1. (Clean) and 2. (Seal) and go to Step 3. (Prepare Mounting Surface.)**

### 1. Clean them up!

Many metals, such as copper, naturally tarnish over time.

- Restore the metal surfaces by polishing. Use a copper or brass cleaner (such as TarnRemove) OR brush surfaces lightly with fine sandpaper (400-600 grit) or steel wool.
- Remove any fine particles with a cotton swab dipped in alcohol.

### 2. Seal to preserve shiny surfaces and prevent tarnishing.

**Note: Do not apply Clear Enamel to the bottom mounting surface!**

- Apply a very thin coat of Clear Enamel to all surfaces *except* the mounting surface.

### 3. Prepare Mounting Surface.

- Cover the electrical connections of your Video RAM chips with masking or electrical tape to make sure that no adhesive comes in contact with them.

#### 4. **Mix Thermal Adhesive.**

Adding Thermal Compound weakens the finished adhesive bond so your RAMsinks can be removed in the future, if needed.

***Note: Work quickly to avoid the adhesive drying before you are finished applying it.***

- Mix together small equal amounts (1:1) of the two-part Thermal Adhesive.
- Combine small equal amounts (1:1) of finished Thermal Adhesive mixture with Thermal Compound.

#### 5. **Apply Adhesive**

- Cover the mounting surface of the RAMsinks with a small amount of adhesive, using as little as possible.
- Press the RAMsinks into position gently but firmly.
- Remove any excess adhesive with a cotton swab.

#### 6. **Allow to Dry**

- Remove the protective tape from your components after about one hour.

***WARNING! If tape stays on too long, it may become permanently attached and damage components.***

- Allow the RAMsinks to dry in place for several hours, preferably overnight.

Well done! You have successfully prepared your RAMsinks for installation and they are now ready to use.