

Install Instructions

Option 1 - Copper shim only - Use thicker Shim

- 1: Remove stock thermal pad from Nvidia gpu, do not remove the pad from the larger gpu
- 2: Remove thermal paste/glue -Isoprofyl alcohol, goo gone or nail polish remover will dissolve the thermal glue
- 3: Polish gpu and copper contacts with the sandpaper if desired
- 4: Apply thermal paste to the gpu contact on the heatsink (please see second page)
- 5: Press the shim down until flat
- 6: Apply thermal paste to the cpu and gpu
- 7: Install then remove the heatsink

-Some heatsinks will have a slightly larger gap, if the paste doesn't press flat to the shim apply a small amount of the thermal putty to the gpu, see <http://goo.gl/MJFOD> (case sensitive) for a detailed picture

- 8: Apply more paste to the cpu and gpu and reinstall the heatsink

Option 2 - Copper shim/thermal putty

Follow option 1 steps 1-5 using the thinner sized shim

- 6: Apply thermal paste to the cpu and apply the thermal putty pad to the gpu's die
- 7: Install heatsink

-D830 motherboards have a slightly larger die, the pressure from the heatsink and heat from the gpu will form it to fit exactly after installing the heatsink/running the laptop or simply spread it to fit

Notes:

Be sure to clean your heatsink and fan

You can use a free program called furmark to test the max gpu temps

--Thermal paste--

Use the paste sparingly, the pictures show more than enough for each heatsink/shim/gpu/cpu contact. You should only need about half of the syringe per install.

