

How To Install the Corsair Airflow Pro Dynamic Memory Display



An illustrated guide to installing the Corsair Airflow Pro Dynamic Memory Display unit using compatible Corsair DHX Pro equipped modules.

Airflow Pro Introduction

The Corsair® AirFlow Pro™ mounts above the Corsair AirFlow 2 fan, and connects to any Dominator® memory that supports DHX Pro technology to provide a dynamic display of memory activity and temperature for up to six modules.

Corsair's signature LED peak meters are used to reflect memory activity by DIMM and memory rank. In addition, LEDs in the center of the display adjust their color based on the measured temperature of the DIMM. The Corsair Airflow PRO adds function and flash to any build.

Features:

- RGB Temperature Monitoring LEDs
- Activity LEDs with support for up to six modules
- Easily installs on top of Corsair Airflow 2 fan

Requirements:

- Dominator Memory with DHX Pro technology (DOMINATOR Modules with part numbers starting with CMP and CMT)
Corsair Airflow 2 fan SKU # CMXAF2

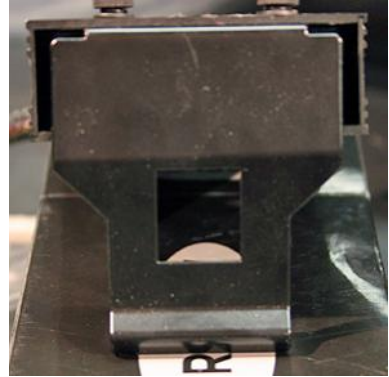
[Watch a video of the Airflow Pro in action.](#)



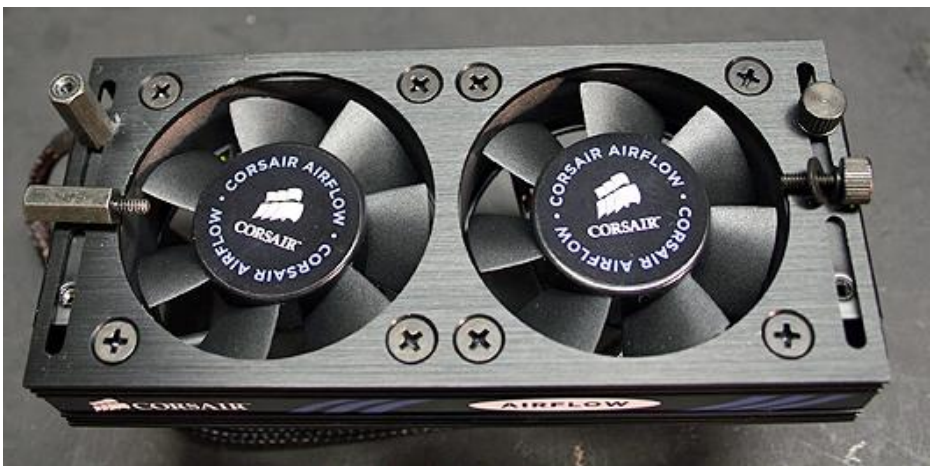
1

Attach the Fan Clips

The fan clips for the Corsair Airflow fan attach to each end of the fan body with 4 thumb screws as shown to the right. Note the hole in the fan clip. It is referenced in steps 2 and 3.

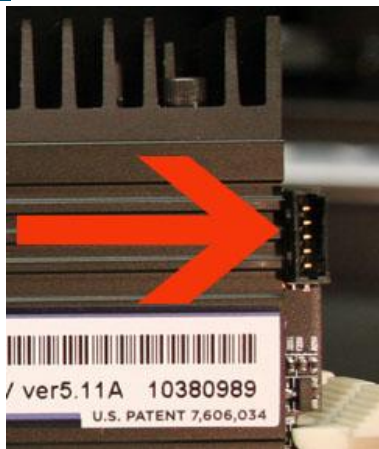


You will need to replace 1 set of the thumb screws with the new screws included in your Airflow Pro mounting hardware. See the illustration below. The new Airflow Pro screws are hollow and threaded as seen on the left. The stock screws are solid knurled thumb screws seen on the right. Be sure to use the included washers on both sets of screws.



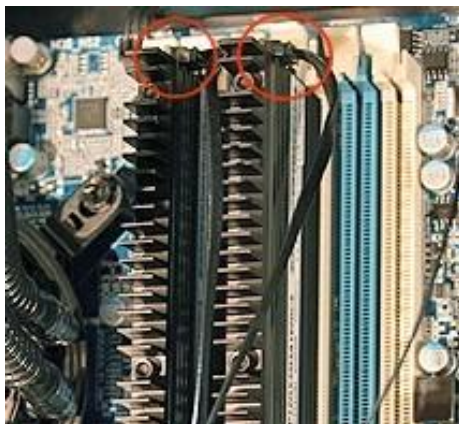
2

The Pro Modules and Connectors



The Airflow Pro unit is compatible with Dominator Memory with DHX Pro technology; DOMINATOR Modules with part numbers starting with CMP and CMT. The connector is pictured left.

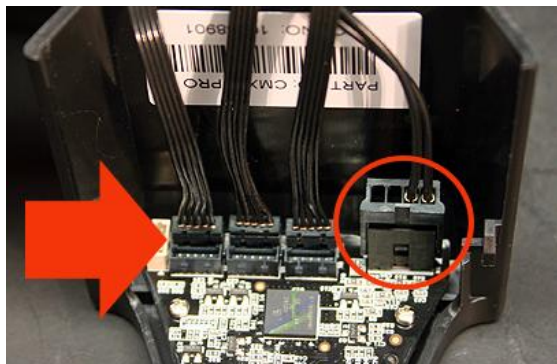
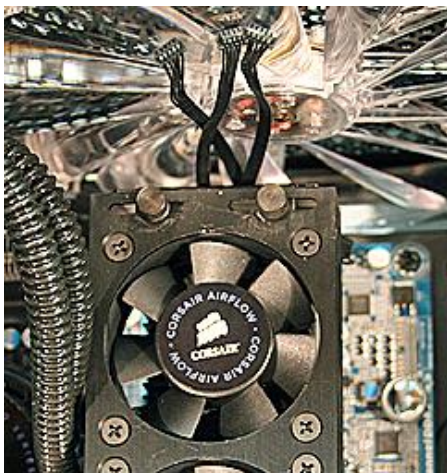
The best method we have found is to install the individual ribbon signal cable to each module, as seen circled in red here. Then install the modules to the appropriate slots on your motherboard. The cables can then easily be routed up through the hole in the fan clip and then connected to the Airflow Pro unit.



3

Signal Cables and the Airflow Pro Unit

Once the cables are installed to each module, you can then mount the cooling fan. The cables can be routed through the end of the fan, through the hole in the fan clip, as seen here.

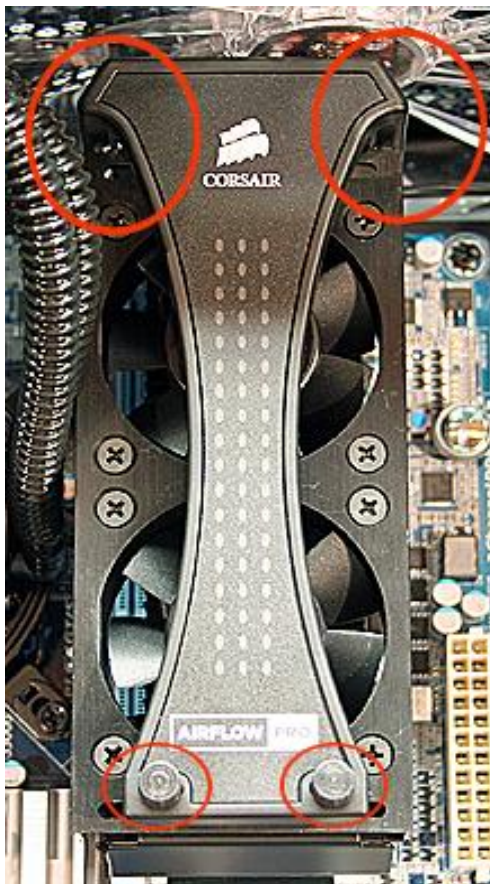


Then, invert the Airflow Pro unit and attach the ribbon cables to any of the 6 ribbon cable connectors indicated by the red arrow. Also, attach the power connector, circled in red.

4

Attach the Airflow Pro to the Fan Body

The body of the Airflow Pro unit will snap into place at the top of the memory modules, as seen below illustrated by the large red circles. The bottom portion has 2 mounting holes, shown inside the small red circles. Use your 2 remaining knurled thumb screws to attach the Airflow Pro to the 2 bottom hollow screws that hold the bottom retention clip. You will now also need to connect the power connector for the unit to an available 4-pin molex power connector. After this connection is made, your Airflow Pro unit is fully installed and ready to use.



Resources

Corsair Airflow Pro: <http://www.corsair.com/products/airflowpro/default.aspx>

Corsair Dominator Memory: http://www.corsair.com/products/memory_home.aspx

Corsair Airflow Pro You Tube Video: <http://www.youtube.com/watch?v=uPnNIGKVQzo>

