



Fan mount for Tipton N100/N150 fanless case



alessandro.calzavara

[VIEW IN BROWSER](#)

updated 2. 8. 2025 | published 2. 8. 2025

Summary

A 120mm fan mount for Tipton N150 "fanless" firewall/router/minipc

[Hobby & Makers](#) > [Electronics](#)

Tags: [fan](#) [fanmount](#) [120mm](#) [firewall](#) [minipc](#)

I needed to mount a fan on my "fanless" mini pc to keep it cool.

As reported by the seller on [Aliexpress](#), if you want to do more than just a router, you need to add a fan to dissipate the heat.

The fan mount I've found was good but not perfect:

- it was too big to slide "freely" along the case slots
- the screws were touching the case.

I recreated the model from scratch and adjusted the dimensions. Now it's perfect for my case!

Be aware that the fan needs to stay a bit far away from the case, otherwise the airflow can go back into the fan, disturbing it and (potentially) damage it in the long run. This is another good reason to print this fan mount!

Printing notes

- no supports and no brims needed
- print it twice, to keep the fan levelled with the case

This remix is based on



Fan mount for Topton N100 fanless case
by ideasman

Model files



topton-120mm-fan-mount.stl

License

This work is licensed under a
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by-nc-sa/4.0/)



Attribution—Noncommercial—Share Alike

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✗ | Commercial Use
 - ✗ | Free Cultural Works
 - ✗ | Meets Open Definition