



PCI low profile slot 40mm fan



Zer0s

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Summary

2x PCI slot to hold 40mm fan

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I was looking for additional cooling for my slim case and liked don frechdachs' design but it was for a normal height slot. So I created a new design for a low profile PCI slot.

Some differences in the design concept. I tried to keep it to a one piece design with no support but gave up. It is one piece but will need to add support and some filing to make it smooth enough to slide into the chassis at the tail end.

40mm is slightly bigger than two PCI slot width so if the lower slot is occupied, do check if you have some clearance as the fan will encroach very slightly into the next slot.

If you want to do this, you'll probably know that a 12V fan is normally used for PC and can identify the 12V and ground on the fan header to tap to. I have plenty of spare 4010 fans from 3D printers so they are without PWM and of a different connector type (XH2.54).

I have ordered some connectors (KF2510 3 pins) commonly used on

motherboards and will do a interconnect to connect properly to the motherboard while preserving the original fan connector. You can also order a 40mm fan with 3 pins or 4 pins that will fit the motherboard fan header properly, or just go for Noctuas. Let me know in the comments if there is an interest in a normal height version and I will do it when I am able to.

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40mm fans

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This remix is based on



PCI Fan Mount for 40mm Fans

by don frechdachs

Model files



pci-low-profile-4010-fan.3mf

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