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r/homelab



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r/homelab • 2 yr. ago

1hackaday



What is the best way to rack mount mini PCs?

[Help](#)

I have a few of these [fanless mini-PCs](#). Is there a good way to rack mount these? For example, are there adapters that allow to place several of them in a 1U or 2U? Or is there a chassis that can accommodate them?

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Quinnell • 2y ago

Perhaps something like one of these:

<https://www.amazon.com/RackMount-inch-Intel-MiniPC-NUCs/dp/B07TDRRCJB>

or

<https://simplynuc.com/3u-nuc-server-shelf/>

15 Reply ...



1hackaday OP • 2y ago

Regrettably, the Amazon Q&A for the 1U product says the "rack mount is 100% designed for the NUC and won't fit other equipment."

3 Reply ...

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loosely zip tied cable connections (so they can be pulled out easily. At my old office I had rackmount shelves that had holes all in it and was able zip tie everything securely.

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Sow-pendent-713 • 2y ago

Before this I had a habit of using really good double-sided tape and always regretted it when I needed to remove something.

6 [Reply](#) ...

+ 1 more reply



spicy45 • 2y ago

Just get a 1u shelf and zipties. You can 3D print or use some wood to make a custom faceplate if you want. But you still need to make sure you have appropriate airflow pending your temps.

6 [Reply](#) ...



ManWithoutUsername • 2y ago

normally if you can't buy it there is two choices.

shelf (easy one) or build your own rack mount, with a aluminium plate (if you have some tools for drill & cut)

5 [Reply](#) ...



Teem214 • 2y ago

There probably isn't something off the shelf that will do this.

If you are able, it should be somewhat simple to make an "io-shield" style faceplate that has a shelf on it. I'm thinking the style for the Sony PVM crt's

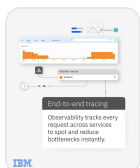
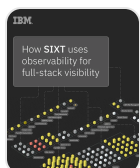
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The SimplyNUC shelf linked above looks pretty slick - there's a divider between each vertically-oriented PC and the dividers have holes in them so I'm guessing you can take advantage of wall-mount holes to secure each PC to the shelf.

↑ 3 ↓ [Reply](#) ...



BmanUltima • 2y ago

Should be able to fit 3-4 on a shelf.

⊖ ↑ 5 ↓ [Reply](#) ...



1hackaday [OP](#) • 2y ago

Hopefully, there's something better than having them floating around on a shelf. I'm hoping that there is a way to have them tightly secured with only their front ports visible.

↑ 2 ↓ [Reply](#) ...

⊕ 5 more replies



r/homelab • 5 mo. ago

Has anyone tried a rackmount enclosure for tiny PCs?

9 upvotes · 29 comments



r/homelab • 4 yr. ago

Finally got a rack! But... How do you actually mount heavy stuff into your rack?

5 upvotes · 11 comments



r/homelab • 3 mo. ago

Rack mount ideas for tiny N100 router?

91 upvotes · 55 comments



r/homelab • 1 mo. ago

Rack Mount Desktop

555 upvotes · 17 comments



r/homelab • 4 yr. ago

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r/homelab • 2 yr. ago

Mini Rack (Profile Aluminum and 3D Printed Plates) and Home Lab Services



120 upvotes · 11 comments



r/homelab • 3 yr. ago

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29 upvotes · 56 comments



r/homelab • 1 yr. ago

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39 upvotes · 20 comments



r/homelab • 7 yr. ago

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16 upvotes · 29 comments



r/homelab • 9 yr. ago

Rackmount Intel NUC

11 upvotes · 12 comments



r/homelab • 3 mo. ago

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38 comments



r/homelab • 2 yr. ago

Built a DIY Mini Server rack



230 upvotes · 19 comments



r/homelab • 10 mo. ago

Affordable Rack Mount Server for Full Size GPU

13 upvotes · 19 comments

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5 comments



r/sysadmin • 7 yr. ago

Inexpensive rackmount desktops - nobody makes these

9 upvotes · 54 comments



r/homelab • 1 yr. ago

Looking for 1U Intel-based PC with dual SFP+ or PCIe slot

3 upvotes · 2 comments



r/modular • 2 yr. ago

How do you guys manage your patch cables?

17 upvotes · 67 comments



r/HomeNetworking • 2 yr. ago

Is there a such thing as a "wall box for splices"? (Cat 6A)

5 upvotes · 12 comments



r/fixit • 2 yr. ago

How can I permanently affix a split ring or some sort of solid attachment point to a cell phone case so I can tether it to my kayak?

3 upvotes · 5 comments



r/AskBattlestations • 2 yr. ago

How to ensure tabletop is strong enough?

1 upvote · 11 comments



r/homelab • 5 yr. ago

Has anyone seen 10" rack mount PC cases for sale? A small arm based home lab would be a nice project, not to mention quiet!

26 upvotes · 10 comments



r/minilab • 9 mo. ago

Inexpensive 10" rack enclosures in the US?

14 upvotes · 5 comments

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54 upvotes · 27 comments



r/PLC • 20 days ago

Rack mount web browser

7 upvotes · 11 comments



r/homelab • 21 days ago

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