



Beta



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Dell Optiplex Micro Storage Rack

Athers3d

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Optiplex Storage Rack - 2 Computers

Designer 5.0 (11)



Optiplex Storage Rack - 3 Computers

Designer 5.0 (5)



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Description

I use a number of these lower power micro computers, mostly Dell Optiplex 3060 Micro, and wanted a rack that I could stack my nodes. I designed this from scratch to fit these PC's like a glove, to be secure and not require any tools or screws etc. when assembling, all slots together with ease. I have allowed for space at the rear to allow for cable management.

Hope this is of use.

Update!! November 2024

After many requests I have finally sat down and added in profiles for those of you who wanted this rack to accomodate two and four optiplex PC's.

A huge thank you to all of you, so pleased these have been of use to so many of you.

Please feel free to like and boost which helps me to keep the designs going.

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@Paniza

It works very well. Thanks for it.

For Lenovo, the front part should be 7 mm longer and 6 mm less wide.

For 4 units, the middle opens sometimes. Braces in the middle should make it stronger.



2024-12-01 17:42 The designer has replied

1



@athers3d

Thanks for the feedback Paniza. Its specifically designed for the optiplex where the 'snug fit' helps give it strength/rigidity. I've used the dimensions you provided, extended depth by 7mm and reduced support arms by 6mm and added a single support arm in the 2nd shelf. I'll upload the profile and welcome you, or anyone else with Lenovo machines, to test the fit.

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This is exactly what I was looking for! Any plans for a 3 deck thinkcentre version?

2024-12-02 19:14

1 Reply

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@behanzer

Wonderful design, easy print and assembly. Note, getting the systems in, just take the time to disconnect and hook them up once they are in place.

This is not my Promox cluster, just three workstations (several flavours and use cases). My proxmox cluster is on 3 different systems in a 10" rack. This works really well.



2024-05-28 18:59 The designer has replied

1 Reply



@behanzer

Note, that I printed in PETG

2024-05-28 19:00

0 Reply



@athers3d

Thanks for the feedback @ThelceMan

2024-05-28 19:07

1 Reply



@t0nyz

Hey friend, I can confirm that they also work well for 7070 and 7050. Great print, thanks for the time put into this. I actually forgot to use supports on the first model and it still printed ok lol : <https://www.youtube.com/watch?v=Yz1-lEnwPdk>
(Edited)



2024-12-03 17:22 The designer has replied

0 Reply



@athers3d

Thanks for the feedback. Just to say, looks from you're photo that you've got the unit upside down, if the otherway up you should find

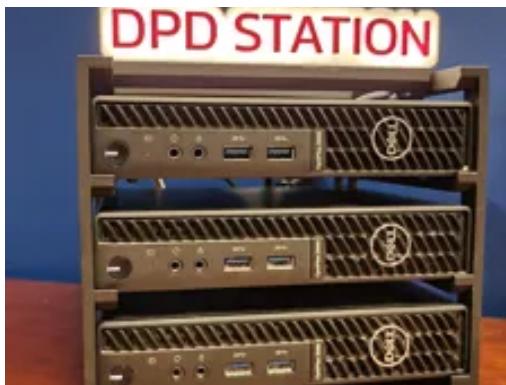
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|||

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2024-12-03 08:46

[Reply](#) [More](#)@Medved_77 [Boosted](#)

Really love this, using it for 2 Proxmox nodes and a Proxmox backup server.
Any chance of the 4 unit version? Would love to add another node to take advantage of high availability.



2024-10-17 16:53

[Reply](#) [More](#)@Medved_77 [Boosted](#)

Hope you don't mind but I created a 4 unit remix here:
<https://makerworld.com/en/models/725664>

2024-10-23 19:39

[Reply](#) [More](#)@user_148317153 [Boosted](#)

Great design!



2024-12-01 19:55

[Reply](#) [More](#)

@functionprint

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2024-12-01 00:08

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@rampa94 Boosted

Print Profile Optiplex Storage Rack - 2 Computers

Great, now everything is ordered!



2025-01-26 22:25

[Reply](#) [More](#)

@villacis Boosted

Print Profile Optiplex Storage Rack - 2 Computers

This fitted perfect with my two optiplex

2025-01-11 19:04

[Reply](#) [More](#)

@athers3d

Thanks for the feedback, glad its of use to you.

2025-01-11 20:16

[Reply](#) [More](#)

@athers3d

Thanks for the feedback

2025-01-16 21:13

[Reply](#) [More](#)

@Morgyn

This is absolutely awesome, I was browsing for something completely different related to microservers and came across this.

I've built my own rack out of extruded aluminium but this looks far better.

The only thing I would suggest is having optional variants of the left and right side that have fan mounts, either 120mm or 140mm. I have a low rpm one on mine and it improves the temperatures no end.

Having one that's somehow thermally controlled with probes between would be the dream

2024-10-26 14:34 The designer has replied

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@athers3d

Thanks for the feedback @Morgyn really appreciate it. I'll have a look at a design with fan mount, mine is in a cool garage so not needed but I can understand how this would appeal to others.

2024-11-08 00:26

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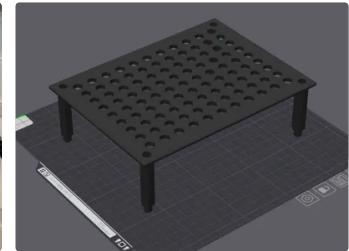
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